

										DWG ISS	CD ISS	DWG ISS	CD ISS	DWG ISS	CD ISS		
										1	1 APFX —	2M	1 APFX 1M	3M	1 APFX 2M		
										4B	1 APFX 3B	5A	1 APFX 4A	6B	1 APFX 5B		
										7M	1 APFX 6M	8B	1 APFX 7B	9M	2M APFX —		
										10B	2M APFX 8B	11B	2M APFX 1B		APFX		
										DWG ISS	CD ISS	DATE ISSD	DRN	APP			
										12B	2M APFX 3B	12-22-92					
										13M	2M APFX 4M	12-22-92					
										14B	2M APFX 5B	12-22-92					
										15B	2M APFX 6B	12-22-92					
										16B	2M APFX 7B	12-22-92					
										17B	2M APFX 8B	6-25-93					
										18B	2M APFX 9B	12-9-93					
										19B	3B APFX —	7-1-94					
										20B	4B APFX —	04-11-96					

APPARATUS INDEX					APPARATUS INDEX (CONT)					APPARATUS INDEX (CONT)				
CODE	EQUIP LOC	B SEC.	APP FIG.	OPTION	CODE	EQUIP LOC	B SEC.	APP FIG.	OPTION	CODE	EQUIP LOC	B SEC.	APP FIG.	OPTION
MC5D125A1B	004-034	B2D4	5	(ZB)	TN1376	004-070	B5D6	6	(D)	955B	005-155R	B14D9	14	
MC5D125A1B	104-034	B23D4	5	(ZB)	TN1376	104-070	B26D6	6	(D)	955B	105-155R	B35D9	14	
MC5D154A1B	004-034	B2D4	5	(ZC)	TN1376	004-076	B6D1	6	(B)	955B	007-155R	B14D8	14	
MC5D154A1B	104-034	B23D4	5	(ZC)	TN1376	104-076	B27D1	6	(B)	955B	107-155R	B35D8	14	
MC5D177A1	004-034	B2D4	5	(YK)	TN1376	004-082	B6D6	6	(A)	963T	004-156	B16D5	21	(YH)
MC5D177A1	104-034	B23D4	5	(YK)	TN1376	104-082	B27D6	6	(A)	963T	104-156	B37D5	21	(YH)
MC5D177A1B	004-034	B2D4	5	(YL)	TN1377	004-130	B11D4	10	(R)	982AA	004-034R	B2D9	22	(YI)
MC5D177A1B	104-034	B23D4	5	(YL)	TN1377	104-130	B32D4	10	(R)	982AA	104-034R	B23D9	22	(YI)
MC5D177A2B	004-034	B2D4	23	D A (YJ)	TN1377	004-138	B12D4	10	(R)	982CF	003-156R	B16D7	13	(P)
MC5D177A2B	104-034	B23D4	23	D A (YJ)	TN1377	104-138	B33D4	10	(R)	982CF	103-156R	B37D7	13	(P)
MC5C197A1B	004-034	B2D4	23	(YP)	TN1524	004-130	B11D4	10	(Q)	982CF	005-156R	B16D1	13	(P)
MC5C197A1B	104-034	B23D4	23	(YP)	TN1524	104-130	B32D4	10	(Q)	982CF	105-156R	B37D1	13	(P)
MC5X285A2B	004-034	B2D4	5	(ZM)	TN1524	004-138	B12D4	10	(Q)	982CG	001-156R	B16D6	13	(P)
MC5X285A2B	104-034	B23D4	5	(ZM)	TN1524	104-138	B33D4	10	(Q)	982CG	101-156R	B37D6	13	(P)
MC5X703A1B	004-034	B2D4	5	(ZV)	TN1661	005-050	B4D0	6	(ZP)	982CG	007-156R	B16D0	13	(P)
MC5X703A1B	104-034	B23D4	5	(ZV)	TN1661	105-050	B25D0	6	(ZP)	982CG	107-156R	B37D0	13	(P)
TN833	004-168	B15D4	12	(ZW)	TN1661	004-058	B4D5	6	(ZQ)	982TA	006-156R	B16D4	13	(N)
TN833	104-168	B36D4	12	(ZW)	TN1661	104-058	B25D5	6	(ZQ)	982TA	106-156R	B37D4	13	(N)
TN833C	004-168	B15D4	12	(ZX,ZY,ZZ)	TN1661	004-064	B5D1	6	(ZR)	982TR	006-156R	B16D2	13	(J)
TN833C	104-168	B36D4	12	(ZX,ZY,ZZ)	TN1661	104-064	B26D1	6	(ZR)	982TR	106-156R	B37D2	13	(J)
TN1042	004-112	B10D3	11	(YM)	TN1661	004-070	B5D6	6	(ZS)	982TS	002-156R	B16D8	13	(J)
TN1042	104-112	B31D3	11	(YM)	TN1661	104-070	B26D6	6	(ZS)	982TS	102-156R	B37D8	13	(J)
TN1077B	004-156	B14D3	8	(ZN)	TN1661	004-076	B6D1	6	(ZT)	982WY	002-156R	B16D9	13	(N)
TN1077B	104-156	B35D3	8	(ZN)	TN1661	104-076	B27D1	6	(ZT)	982WY	102-156R	B37D9	13	(N)
TN1077C	004-156	B14D3	8	(ZO)	TN1661	004-082	B6D6	6	(ZU)	982YD	004-055R	B17D2	19	(YF)
TN1077C	104-156	B35D3	8	(ZO)	TN1661	104-082	B27D6	6	(ZU)	982YD	104-055R	B38D2	19	(YF)
TN1077E	004-156	B14D3	8	(YB)	TN1838	004-120	B18A8	18	(YE)	982YD	004-055R	B17D4	19	(YF)
TN1077E	104-156	B35D3	8	(YB)	TN1838	104-120	B39A5	18	(YE)	982YD	104-055R	B38D4	19	(YF)
TN1086	004-144	B13D3	7	(ZK)	UN71B	004-096	B8D4	9	(T)	982TRC	006-156R	B16D2	13	(YC)
TN1086	104-144	B34D3	7	(ZK)	UN71B	104-096	B29D4	9	(T)	982TRC	106-156R	B37D2	13	(YC)
TN1086B	004-144	B13D3	7	(ZL)	UN71B	004-104	B9D4	9	(S)	982TSC	002-156R	B16D8	13	(YC)
TN1086B	104-144	B34D3	7	(ZL)	UN71B	104-104	B30D4	9	(S)	982TSC	102-156R	B37D8	13	(YC)
TN1374	004-050	B4D0	6	(Z)	UN362	004-050	B4D1	17	(YD)	9822BY	000-055R	B17D0	20	(YG)
TN1374	104-050	B25D0	6	(Z)	UN362	104-050	B25D1	17	(YD)	9822BY	100-055R	B38D0	20	(YG)
TN1374	004-058	B4D5	6	(Y)	UN395	004-112	B10D3	11	(YN)					
TN1374	104-058	B25D5	6	(Y)	UN395	104-112	B31D3	11	(YN)					
TN1374	004-064	B5D1	6	(X)	UN395	004-112	B10D3	11	(YO)					
TN1374	104-064	B26D1	6	(X)	UN395	104-112	B31D3	11	(YO)					
TN1374	004-070	B5D6	6	(W)	UN515	004-042	B3D3	5	(ZD)					
TN1374	104-070	B26D6	6	(W)	UN515	104-042	B24D3	5	(ZD)					
TN1374	004-076	B6D1	6	(V)	UN516	004-026	B1D5	5						
TN1374	104-076	B27D1	6	(V)	UN516	104-026	B22D5	5						
TN1374	004-082	B6D6	6	(U)	UN516B	004-026	B1D5	5	(YA)					
TN1374	104-082	B27D6	6	(U)	UN516B	104-026	B22D5	5	(YA)					
TN1376	005-050	B4D0	6	(G)	UN518	004-088	B7D4	5						
TN1376	105-050	B25D0	6	(G)	UN518	104-088	B28D4	5						
TN1376	004-058	B4D5	6	(F)	UN520	004-042	B3D3	5	(ZE)					
TN1376	104-058	B25D5	6	(F)	UN520	104-042	B24D3	5	(ZE)					
TN1376	004-064	B5D1	6	(E)	414AA	004-012	B1D0	4						
TN1376	104-064	B26D1	6	(E)	414AA	104-012	B22D0	4						

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE
C2

ISSUE
17B

AT&TSD-5D151-01SHEET
A2

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SHEET
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	0	1	2	3	4	5	6	7	8	9
	OPTION INDEX									
A	APP OR WRG	RATED ON ISSUE	REF NOTE	LOCATION	APP OR WRG	RATED ON ISSUE	REF NOTE	LOCATION	A	
	Z	AVAIL 1	310	B4D0,25D0	ZY	AVAIL 14	202, 311, 314	B15D4,36D4		
	Y	AVAIL 1	310	B1F9,4D5,22F9,25D5						
	X	AVAIL 1	310	B5D1,26D1	ZZ	AVAIL 14	202, 311, 314	B15D4,36D4		
	W	AVAIL 1	310	B5D6,26D6						
	V	AVAIL 1	310	B6D1,27D1	YA	AVAIL 14	202, 311, 315, 316	B1D5,22D5		
	U	AVAIL 1	310	B6D6,27D6						
	T	AVAIL 1		B8D4,29D4	YB	AVAIL 14	202, 311, 314, 317	B14D3,35D3		
	S	AVAIL 1		B9D4,30D4	YC	AVAIL 14	311, 317	B16D2,16D8,37D2,37D8		
	R	AVAIL 1		B11D4,12D4,32D4,33D4	YD	AVAIL 15	318	B4D1,25D1		
B	Q	AVAIL 1		B11D4,12D4,32D4,33D4	YE	AVAIL 15		B18A8,39A5	B	
	P	AVAIL 1		SHEET B16,B37	YF	AVAIL 15		B17D2,17D4,38D2,38D4		
	N	AVAIL 1		SHEET B16,B37	YG	AVAIL 15		B17D0,38D0		
	M	AVAIL 1	308	B18B1,40B1	YH	AVAIL 15		B16D5,37D5		
	K	AVAIL 1	308	B18B1,40B1	YI	AVAIL 15	321, 322	B2D9,23D9		
	J	AVAIL 3		B16D2,16D8,37D2,37D8	YJ	AVAIL 16, DA 19		B2D4,23D4		
	G	AVAIL 4	310	B4D0,25D0	YK	AVAIL 16		B2D4,23D4		
	F	AVAIL 4	310	B5D1,26D1	YL	AVAIL 16		B2D4,23D4		
	E	AVAIL 4	310	B4D5,25D5	YM	AVAIL 17		SHEET B10,B31		
	D	AVAIL 4	310	B5D6,26D6	YN	AVAIL 17		SHEET B10,B31		
C	B	AVAIL 4	310	B6D1,27D1	YO	AVAIL 17		SHEET B10,B31	C	
	A	AVAIL 4	310	B6D6,27D6	YP	AVAIL 19		B2D4,B23D4		
	ZA	AVAIL 5	312	B2D4,23D4						
	ZB	AVAIL 12,13		B2D4,23D4						
	ZC	AVAIL 12,13		B2D4,23D4						
	ZD	AVAIL 8		B3D3,24D3						
	ZE	AVAIL 8		B3D3,24D3						
	ZF	AVAIL 8	312	B2C8,3F0,23C8,24F0						
	ZG	DA 9	312	B17E8,17F8						
	ZH	DA 9	312	B38E7,38F7						
D	ZI	AVAIL 9	312	B1C4,1F9,2C8,3F0,17E7, B17E7					D	
	ZJ	AVAIL 9	312	B22C4,22E9,23C8,24F0, B38E8,38F8						
	ZK	AVAIL 10	313	B13D3,34D3						
	ZL	AVAIL 10	313	B13D3,34D3						
	ZM	AVAIL 12,13		B2D4,23D4						
	ZN	AVAIL 11		B14D3,35D3						
	ZO	AVAIL 11	311	B14D3,35D3						
	ZP	AVAIL 12		B4D0,25D0						
	ZQ	AVAIL 12		B4D5,25D5						
	ZR	AVAIL 12		B5D1,26D1						
E	ZS	AVAIL 12		B5D6,26D6					E	
	ZT	AVAIL 12		B6D1,27D1						
	ZU	AVAIL 12		B6D6,27D6						
	ZV	AVAIL 12,13	321, 322	B2D4,23D4						
	ZW	AVAIL 14	202, 311, 314	B15D4,36D4						
	ZX	AVAIL 14	202, 311, 314	B15D4,36D4						
F									F	
G									G	
H									H	
	0	1	2	3	4	5	6	7	8	9

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE

C2

ISSUE

17B

AT&T

SD-5D151-01

SHEET
A3

DESIGNATION MNEMONICS INDEX

	MNEMONIC	SHEET LOC	DEFINITION	MNEMONIC	SHEET LOC	DEFINITION	MNEMONIC	SHEET LOC	DEFINITION	MNEMONIC	SHEET LOC	DEFINITION	
A	+5V	B17C2	+5 VLOTS	(0,1)BK (1-4)HIT	B2B2, B23B2	SIDE(0,1) BANK (1-4) CACHE HIT	(0,1)DI BT (A,B)0Z	B11,12F0, B32,33F0	SIDE(0,1) DI(A,B) TO TSI DATA Z	(0,1)D(S,T)RA	B4G2, B25G2	SIDE (0,1) DATA SET/TERMINAL READY	A
	-48RTN	B18D8	-48 VOLTS RETURN	(0,1)BOWLFUL	B2B2, B23B2	SIDE(0,1) EXTERNAL CACHE FLUSH COMPLETE	(0,1)DI CT (A,B)0Y	B11,12F0, B32,33F0	SIDE(0,1) DI(A,B) TO TSI DATA Y	(0,1)DTHEN	B1F7, B22F7	SIDE(0,1) DISPLAY TOTAL HOLD ENABLE	
	-48V	B18D8	-48 VOLTS	(0,1)BSYBIT	B1B6, B22B6	SIDE(0,1) BT SR SELF-CHECK RUNNING	(0,1)DI DT (A,B)0X	B11,12F0, B32,33F0	SIDE(0,1) DI(A,B) TO TSI DATA X	(0,1)DTHENX	B18B1, B18B5	SIDE(0,1) DISPLAY TOTAL HOLD ENABLE (X)	
B	0+5VCC (0,2)(A-D)	B15D0, B18F8	SIDE 0 FIVE VOLT DSC SERVICE GROUP (0,2) STRAPPING (A-D)	(0,1)BTSRPAS	B1B7, B22B7	SIDE(0,1) BT SR SELF-CHECK PASSING	(0,1)DINT	B14B4, B35B4	SIDE(0,1) DLI INTERLOCK	(0,1)DUP	B1F7, B22F7	SIDE(0,1) DUPLEX	B
	0+5VPP (1,3)(A-D)	B36D0, B39B8	SIDE 1 FIVE VOLT DSC SERVICE GROUP (1,3) STRAPPING (A-D)	(0,1)CACHCLK	B2B3, B23B3	SIDE(0,1) EXTERNAL CACHE CLOCK	(0,1)DISCACH	B1F5, B22F5	SIDE(0,1) DISABLE THE INTERNAL INTERNAL AND EXTERNAL CACHES	(0,1)DUPX	B18B1, B18B5	SIDE(0,1) DUPLEX (X)	
	1+5VPP (1,3)(A-C)	B36D0, B39C8	SIDE 1 FIVE VOLT DSC SERVICE GROUP (1,3) STRAPPING (A-C)	(0,1)CACHER	B1B7, B22B7	SIDE(0,1) EXTERNAL CACHE ERROR	(0,1)DISWP	B2F3, B23F3	SIDE(0,1) DISABLE WRITE PROTECT	(0,1)DUSCS0X	B18B1, B18B5	SIDE(0,1) DEMON UTILITY SYSTEM CHIP SELECT	
	(0,1)(+,-) CURPR	B1F0, B22F0	SIDE (0,1) CURRENT PROGRAMMING RESISTOR	(0,1)CADDPER	B1B6, B22B6	SIDE(0,1) APPLI ADDRESS PARITY ERROR	(0,1)DLI-48	B14B0, B35B0	DLI -48 VOLT	(0,1)DUSEN	B2B3, B23B3	SIDE(0,1) DEMON UTILITY SYSTEM ENABLE	C
C	(0,1)(A,B)-48	B14B0, B35B0	SIDE (0,1) LINK (A,B) NEGATIVE 48 VOLTS	(0,1)CARD	B1E0, B22E0	SIDE(0,1) DLI CONVERTER ALM DETECT	(0,1)DLIAD	B14B4, B35B4	SIDE(0,1) DLI ALARM DETECT	(0,1)EADDR (0-4)	B17F0, B38F0	ETHERNET ADDRESS (0-4) SELECT	
	(0,1)ABORT	B1F6, B22F6	SIDE (0,1) ABORT CYCLE	(0,1)CKSEL	B13D1, B34D0	SIDE(0,1) DLI CLK32 SELECT INTERVAL/EXT.	(0,1)DLIALM	B19B8, B40B8	SIDE(0,1) DLI FUSE ALARM	(0,1)ECACHDS	B2F3, B23F3	SIDE(0,1) EXTERNAL CACHE DISABLE SYSTEM ENABLE	
	(0,1)(A,B) COND5	B14B1, B35B1	SIDE (0,1) LINK (A,B) CONDITIONED 5 VOLTS	(0,1)CLCACHE	B2G3, B23G3	SIDE(0,1) CLEAR EXTERNAL CACHE ENTRY	(0,1)DLIALMP	B14F3, B35F3	SIDE(0,1) DLI FUSE ALARM POWER	(0,1)EIBGRD	B19B5, B40B5	ETHERNET GROUND	D
D	(0,1)ADSELGD	B19B5, B40B5	SIDE (0,1) ADDRESS SELECT	(0,1)CLSN(+,-)	B17F2, B38F2	ETHERNET COLLISION (+,-)	(0,1)DLIALMR	B14F4, B45F3	SIDE(0,1) DLI FUSE ALARM RETURN	(0,1)EQP520	B19B5, B40B5	SIDE(0,1) EQUIP UN520	
	(0,1)AFFCLR	B1F4, B22F4	SIDE (0,1) PRE A FLIP-FLOP CLEAR	(0,1)CONOOS(R)	B1E0, B22E0	SIDE(0,1) CONVERTER OUT OF SERVICE (RETURN)	(0,1)DLIERR	B1B7, B22B7	SIDE(0,1) DLI ERROR	(0,1)FANC	B1B9, B22B9	SIDE(0,1) FORCE ACTIVE NORMALLY CLOSED	
	(0,1)ALM	B1D1, B22D1	SIDE (0,1) CONVERTER FUSE ALARM	(0,1)CONV-48	B1B0, B22B0	SIDE(0,1) CONVERTER -48 VOLTS	(0,1)DLIJMP (1-3)	B14B4,G3, B35B4,G3	SIDE(0,1) DLI CONTROL AND DISPLAY JUMPER (1-3)	(0,1)FANO	B1B4, B22B4	SIDE(0,1) FORCE ACTIVE NORMALLY OPEN	
	(0,1)ALWST	B1F4, B22F4	SIDE(0,1) ALLOW SELF-TEST ACTIVE HIGH	(0,1)CONVRTN	B1E0, B22E0	SIDE(0,1) CONVERTER -48 VOLT RETURN	(0,1)DLIRA7	B14E0, B35E0	SIDE(0,1) DLI READ ADDRESS 7 ENABLE	(0,1)FANRST	B1F7, B22F7	SIDE(0,1) FAN RESET	E
E	(0,1)(A,B) MAEN	B14D7, B35E7	SIDE(0,1) LINK (A,B) MESSAGE TIME-SLOT ENABLE	(0,1)CORBER	B1B7, B22B7	SIDE(0,1) CORRECTABLE ERROR IN DYNAMIC MEMORY	(0,1)DLIRTN	B14E3, B35E3	SIDE(0,1) DLI -48 VOLT RETURN	(0,1)FANSC	B1B9, B22B9	SIDE(0,1) FAN SCAN	
	(0,1)(A,B) MA(0-7)	B14D7, B35E7	SIDE(0,1) LINK (A,B) MESSAGE TIME-SLOT NUMBER BIT (0-7)	(0,1)CPIINT	B1F5, B22F5	SIDE(0,1) CPI LEVEL 5 INTERRUPT	(0,1)DLIS(1-3)	B14F3,F6, B35E3,F6	SIDE(0,1) DLI REMOTE CONVERTER SENSE (1-3)	(0,1)FLUSHCH	B2F3, B23F3	SIDE(0,1) FLUSH EXTERNAL CACHE	
	(0,1)APPMSE MA(0-7)	B1B6, B22B6	SIDE(0,1) APPL1 MULT RESPONSE ERROR	(0,1)CPI8K	B19B5, B40C5	CPI 8KHZ CLOCK	(0,1)DLITSTA	B14F3, B35F3	SIDE(0,1) DLI FUSE ALARM TEST	(0,1)(F,T) MACT	B1B4, B22B4	SIDE(0,1) (FROM,TO) MATE ACTIVE	
F	(0,1)(A,B) (R,T)+5	B14B0, B35B0	SIDE(0,1) LINK (A,B) (RECEIVE, TRANSMIT) PLUS 5 VOLTS	(0,1)CRXINT	B2B3, B23B3	SIDE(0,1) COMBINED SDLC RECEIVE INTERRUPT	(0,1)DLP (0,1)0DI	B11,B12B3, B32,33B2	SIDE(0,1) DI(A,B) DATA LOOP ENABLE	(0,1)(F,T) MAFF	B1B4, B22B4	SIDE(0,1) (FROM,TO) MATE A FLIP-FLOP	F
	(0,1)(A,B)RCV	B14B3, B35B3	SIDE(0,1) LINK (A,B) RECEIVE DATA	(0,1)CS(1-3)	B1E0,D1, B22E0,D1	SIDE(0,1) CONVERTER SHUTDOWN (1-3)	(0,1)DMB(2,3)	B1F7, B22F7	SIDE(0,1) DRIVER FOR SPARE MASK BIT (2,3)	(0,1)(F,T) MCNTER	B1B4, B22B4	SIDE(0,1) (FROM,TO) MATE CONTROLLER ERROR	
	(0,1)A(R,T) XINT	B2B2, B23B2	SIDE(0,1) LINK (A) (RECEIVE, TRANSMIT) INTERRUPT	(0,1)CS2MSER	B1B7, B22B7	SIDE(0,1) CS2 MULTIPLE RESPONSE ERROR	(0,1)DMB3X	B18B1, B18B5	SIDE(0,1) DRIVER FOR SPARE MASK BIT 3X	(0,1)(F,T) MDRQ	B1B4, B22B4	SIDE(0,1) (FROM,TO) MATE DOCUMENT REQUEST	
	(0,1)B(R,T) XINT	B2B3, B23B3	SIDE(0,1) LINK (B) (RECEIVE, TRANSMIT) INTERRUPT	(0,1)CTSA	B4G0, B25G0	SIDE (0,1) CLEAR TO SEND	(0,1)DNSDLCK	B2F3, B23F3	SIDE(0,1) DIAGNOSTIC SDLC CLOCK	(0,1)(F,T) MFIACT	B1B4, B22B4	SIDE(0,1) (FROM,TO) MATE FORCE INACTIVE	G
G	(0,1)(A,B)XMIT	B14F2, B35F2	SIDE(0,1) LINK (A,B) TRANSMIT DATA	(0,1)CTSLT1	B1F7, B22F7	SIDE(0,1) CONTROL TIME-SLOT SELECT 1	(0,1)DOOSC0N	B14F3, B35F3	SIDE(0,1) OUT - OF - SERVICE CONVERTER				
	(0,1)BFMCNTE	B1F4, B22F4	SIDE(0,1) BUFFERED FROM MATE MAINTENANCE INTERRUPT	(0,1)DAFF	B1F7, B22F7	SIDE(0,1) DISPLAY A FLIP-FLOP	(0,1)DOOS5P	B14F3, B35F3	SIDE(0,1) OUT - OF - SERVICE 5 VOLT POWER				
	(0,1)BFMPERR	B1F5, B22F5	SIDE(0,1) BUFFERED FROM MATE PROCESSOR ERROR	(0,1)DAFFX	B18B1, B18B5	SIDE(0,1) DISPLAY A FLIP-FLOP X	(0,1)DORRQ	B1F5, B22F5	SIDE(0,1) DORMANT REQUEST				
H	(0,1)BFMTHEN	B1F5, B22F5	SIDE(0,1) BUFFERED FROM MATE TOTAL HOLD ENABLE	(0,1)DIAT (A,B)0P	B18B1, B18B5	SIDE(0,1) DI(A,B) TO TSI DATA P	(0,1)DSCB (00-79)	SHEETS B15,B36	SIDE(0,1) DSC STRAP (00-79)				

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE
C2

ISSUE
17B

AT&T

SD-5D151-01

SHEET
A4

PRINTED IN U.S.A.

DESIGNATION MNEMONICS INDEX

MNEMONIC	SHEET LOC	DEFINITION	MNEMONIC	SHEET LOC	DEFINITION	MNEMONIC	SHEET LOC	DEFINITION	MNEMONIC	SHEET LOC	DEFINITION
(0,1)(F,T) MOOS	B1B4,F8, B22B5,F8	SIDE(0,1) (FROM,TO) MATE OUT OF SERVICE	(0,1)INTACK	B2B3, B23B3	SIDE(0,1) INTERRUPT ACKNOWLEDGE	(0,1)MATEOP	B2B4, B23B3	SIDE(0,1) MATE OPERATION	(0,1)(R,T) RCV	B18C8, B39C5	ISDN-BRI (RING & TIP) RECEIVE
(0,1)(F,T) MPERR	B1B5,F7, B22B5,F7	SIDE(0,1) (FROM,TO) MATE PERIPHERAL ERROR	(0,1)INTLCK	B1D1, B22D1	SIDE(0,1) POWER CONVERTER INTERLOCK	(0,1)MAT8KIN	B18C8, B39C5	MATE 8KHZ CLOCK IN	(0,1)RSMJMP (1,2)	B19B1, B40B2	SIDE(0,1) REMOTE SWITCHING MODULE JUMPER (1,2)
(0,1)(F,T) MPF	B1B2,F8, B22B2,F8	SIDE(0,1) (FROM,TO) MATE POWER FAIL	(0,1)IVAP (H,L)	B2F4, B23G4	SIDE(0,1) INVERT ADDRESS PARITY (HIGH,LOW)	(0,1)MAT8KOT	B18C8, B39C5	MATE 8KHZ CLOCK OUT	(0,1)RSM(1,2)	B1B5, B22B5	SIDE(0,1) REMOTE SWITCH MODULE (1,2)
(0,1)(F,T) MRQP	B1B5,F8, B22B5,F8	SIDE(0,1) (FROM,TO) MATE REQUEST IN PROGRESS	(0,1)IVAPM (H,L)	B2F4, B23G4	SIDE(0,1) INVERT ADDRESS PARITY MIDDLE (HIGH,LOW)	(0,1)MCFLY	B1F5, B22F5	SIDE (0,1) MEMORY CORRECT ON FLY	(0,1)RTSA	B4G0, B25G0	SIDE (0,1) REQUEST TO SEND
(0,1)(F,T) MRST	B1B5,F8, B22B5,F8	SIDE(0,1) (FROM,TO) MATE RESET	(0,1)IVBYSP	B2F4, B23G4	SIDE(0,1) INVERT BYTE SELECT PARITY	(0,1)MCYCLE	B1B7, B22B7	SIDE (0,1) MATE CYCLE	(0,1)(R,T) XMIT	B18C8, B39C5	ISDN-BRI (RING & TIP) TRANSMIT
(0,1)(F,T) MTHEN	B1B5,F8, B22B5,F8	SIDE(0,1) (FROM,TO) MATE TOTAL FOLD	(0,1)IVDP (H,L)	B2F4, B23G4	SIDE(0,1) INVERT DATA PARITY (HIGH,LOW)	(0,1)MEMSTST	B2F5, B23G5	SIDE(0,1) MEMORY START SELF-TEST	(0,1)SADDP (H,L)	B1F2,B6, B22F2,F6	SIDE(0,1) SYSTEM ADDRESS PARITY (HIGH,LOW)
(0,1)(F,T) MUPDAT	B1B5,F8, B22B5,F9	SIDE(0,1) (FROM,TO) MATE UP-DATE	(0,1)IVDPM (H,L)	B2F4, B23G4	SIDE(0,1) INVERT DATA PARITY MIDDLE (HIGH,LOW)	(0,1)MENOUT	B14F3, B35F3	SIDE(0,1) DLI MATE ENABLE OUT	(0,1)SADDPM (H,L)	B1F3,B6, B22F3,F6	SIDE(0,1) SYSTEM ADDRESS PARITY MIDDLE (HIGH,LOW)
(0,1)(F,T) M(W-Z)SC	B1B5,F9, B22B5,F9	SIDE(0,1) (FROM,TO) MATE (W-Z) SCAN	(0,1)L (A,B)RMTD	B14F4, B35F4	SIDE(0,1) LINK (A,B) RECEIVER MESSAGE TIME- SLOT DATA	(0,1)MKCPINT	B1B7, B22B7	SIDE(0,1) MASK CPI INTERRUPT	(0,1)SADD (00-31)	B1B6, B22B6	SIDE(0,1) SYSTEM ADDRESS (00-31)
(0,1)(F,T) M(1,2)STP	B1B4,F8, B22B4,F8	SIDE(0,1) (FROM,TO) MATE (1,2) STOP	(0,1)L (A,B)RMTDX	B39B1, B39C1	SIDE(0,1) LINK (A,B) RECEIVER MESSAGE TIME-SLOT DATA X	(0,1)MLTRDY	B1B7, B22B7	SIDE(0,1) MULTIPLE READY	(0,1)SAFF	B1F6, B22F6	SIDE(0,1) SYSTEM A FLIP-FLOP
(0,1)FROMER	B2F3, B23G3	SIDE(0,1) FORCE CACHE MISMATCH ERROR	(0,1)L (A,B)OPTMD	B14F4, B39F4	SIDE(0,1) LINK (A,B) SMP-0 TRANSMIT MESSAGE TIME- SLOT DATA	(0,1)MNOCKIN	B18C8, B39D5	MATE NO CLOCK IN	(0,1)SALWIO	B1F6, B22F6	SIDE(0,1) SYSTEM ALLOW INPUT/OUTPUT
(0,1)FSUMIS	B2F3, B23G3	SIDE(0,1) FORCE SUBUNIT MISMATCH	(0,1)L (A,B)OPTMX	B39B1, B39C1	SIDE(0,1) LINK (A,B) SMP-0 TRANSMIT MESSAGE TIME- SLOT DATA X	(0,1)MNOCKOT	B18D8, B39D5	MATE NO CLOCK OUT	(0,1)SANINH	B1F6, B22F6	SIDE(0,1) SANITY TIMER INHIBIT
(0,1)FUTUR(1,2)	B2B8,G8, B23B8,G8	SIDE(0,1) FUTURE NET(1,2)	(0,1)L (A,B)1PTMD	B14F4, B39C1	SIDE(0,1) LINK (A,B) SMP-1 TRANSMIT MESSAGE TIME- SLOT DATA	(0,1)MONINV	B1B7, B22B8	SIDE(0,1) MONITOR INVOKE REQUEST	(0,1)SANLTG	B1F7, B22F8	SIDE(0,1) SANITY LIGHT
(0,1)FXREF	B14B3, B35B3	FORCE EXTERNAL REFERENCE	(0,1)L (A,B)1PTMX	B39B1, B39C1	SIDE(0,1) LINK (A,B) SMP-1 TRANSMIT MESSAGE TIME- SLOT DATA X	(0,1)MREFER	B1B8, B22B8	SIDE(0,1) MEMORY REFRESH ERROR	(0,1)SANLTR	B1B5, B22B6	SIDE(0,1) SANITY LIGHT RETURN
(0,1)GENESIS	B2F3, B23G3	SIDE(0,1) GENERATE AN EXTERNAL SYSTEM INITIALIZATION STROBE	(0,1)LCKMTS	B14F4, B35F4	SIDE(0,1) DLI LINK MONITOR MTS CLOCK	(0,1)MSAPER	B1B8, B22B8	SIDE(0,1) MEMORY SYSTEM ADDRESS PARITY ERROR	(0,1)SBDRSP(0-3)	B1F6, B22F6	SIDE(0,1) SYSTEM BOARD RESPONSE ADDRESS (0-3)
(0,1)GRD	B10F3, B31F3	SIDE(0,1) GROUND	(0,1)LCKMTSX	B39B1, B39C1	SIDE(0,1) DLI LINK MONITOR MTS CLOCK (X)	(0,1)NAE	B1F5, B22F5	SIDE(0,1) NOT ACTIVE ENABLE	(0,1)SBYTSLP	B1F3, B22F3	SIDE(0,1) SYSTEM BYTE SELECT PARITY
(0,1)GRDLUG	SHEETS B17,B38	GROUND LUG	(0,1)LDCACHE	B2F4, B23G4	SIDE(0,1) LOAD EXTERNAL CACHE ENTRY	(0,1)NAEX	B1F5, B22F5	SIDE(0,1) NOT ACTIVE ENABLE (X)	(0,1)SDATPER	B1F6, B22F6	SIDE (0,1) SYSTEM DATA PARITY ERROR
(0,1)G2RSTSP	B1B5, B22B5	GROUP TWO RESTART	(0,1)LIN	B14F3, B35F4	SIDE(0,1) LINK MONITOR INTERRUPT (X)	(0,1)NCORBER	B1B8, B22B8	SIDE(0,1) NON CORRECTABLE ERROR FROM DYNAMIC MEMORY	(0,1)SDATP(H,L)	B1F6,F4, B22F6,F4	SIDE (0,1) SYSTEM DATA PARITY (HIGH,LOW)
(0,1)ICACHDS	B2F4, B23G3	SIDE(0,1) INTERNAL CACHE DISABLE	(0,1)LINX	B39B1, B39C1	SIDE(0,1) LINK MONITOR INTERRUPT (X)	(0,1)NONINT	B2F5, B23G5	SIDE(0,1) DON'T ALLOW INTERRUPTS	(0,1)SDATPM(H,L)	B1F3, B22F3	SIDE (0,1) SYSTEM DATA PARITY MIDDLE (HIGH,LOW)
(0,1)IDL (A,B)ODI	B11,B12B3, B32,B33B3	SIDE(0,1) IDLE CODE LOOP ENABLE D(A,B)	(0,1)LOGOP	B2B3, B23B3	SIDE(0,1) LOCAL OPERATION	(0,1)OPRMODE	B2B4, B23B4	SIDE(0,1) OPERATING MODE	(0,1)SDAT(00-31)	B1F6, B22F6	SIDE (0,1) SYSTEM DATA (00-31)
(0,1)IGCACHD	B2F4, B23G4	SIDE(0,1) IGNORE EXTERNAL CACHE DATA	(0,1)LIN24	B18C8, B39C5	T1 RING 24 CHANNEL	(0,1)PBJUMP(5-8)	B18B8, B39B5	SIDE(0,1) PACKET BUS JUMPER (5-8)	(0,1)SDIRW0	B1B8, B22B8	SIDE(0,1) SYSTEM DIRECTION/WRITE 0
(0,1)IGPA0(2-7)1	B19,B31C2,E2	GPITS ADD BITS	(0,1)LIN30	B18C8, B39C5	T1 RING 30 CHANNEL	(0,1)PREAFF	B1B8, B22B8	SIDE(0,1) PRE-A FLIP-FLOP BIT	(0,1)SDMA(GT,RQ) (A,B)	B1F4,F3, B22F4,F3	SIDE(0,1) SYSTEM DIRECT MEMORY ACCESS (GRANT,REQUEST) (A,B)
(0,1)IGPDTAO	B19,B31E2	GPITS DATA XPER ACKNOWLEDGE	(0,1)LIP24	B18C8, B39C5	T1 TIP 24 CHANNEL	(0,1)PSROM	B2F5, B23G5	SIDE(0,1) PSUEDO ROM ENABLE	(0,1)SDMA(INH, RD,RDY,WRT)	B1F5,B8, B22F5,B8	SIDE(0,1) SYSTEM DIRECT MEMORY ACCESS (INHIBIT,READ,READY,WRITE)
(0,1)IGPDO(0-7)1	B19,B31C2,E2	GPITS DATA BITS	(0,1)LIP30	B18C8, B39C5	T1 TIP 30 CHANNEL	(0,1)PUMPEN	B1F5, B22F5	SIDE(0,1) PUMP ENABLE	(0,1)SENSE67	B1E0, B22E0	SIDE(0,1) CONVERTER STRAP FOR 5.067 VOLTS
(0,1)IGPIFRO	B19,B31E2	GPITS INTERFAGE REG - ENABLE	(0,1)LVL(4,7) ACK	B3F2, B24F2	SIDE(0,1) LEVEL (4,7) INTERRUPT ACKNOWLEDGE	(0,1)P5V	B1B0, B22B0	SIDE(0,1) PLUS FIVE VOLT POWER	(0,1)SFOUTEN	B2B6, B23B6	SIDE(0,1) SPECIAL FUNCTION OUTPUT ENABLE
(0,1)IGPMDSO	B19,B31C2	GPITS MODIFIED DATA STROBE	(0,1)LVL4MAT	B2F4, B23G4	SIDE(0,1) LEVEL 4 MAINTENANCE INTERRUPT	(0,1)RCV(+,-)	B17C2, B38B2	ETHERNET RECEIVE (+,-)	(0,1)SHADSTP	B1F5, B22F5	SIDE(0,1) SHADOW REGISTER STOP
(0,1)IGPPAUO	B19,B31E2	GPITS PAUSE CONTROL	(0,1)LVL40P	B2F5, B23G4	SIDE(0,1) LEVEL 4 OPERATIONAL INTERRUPT	(0,1)RCVDA	B4G1, B25G1	SIDE (0,1) RECEIVE DATA			
(0,1)IGPRDYO	B19,B31E2	GPITS READY CONTROL	(0,1)LVL (5-7)INT	B3B4, B24B4	SIDE(0,1) LEVEL (5-7) INTERRUPT	(0,1)RDCACHE	B2F5, B23G5	SIDE(0,1) READ EXTERNAL CACHE ENTRY			
(0,1)IGTAR(1,2)0	B19,B31C2,E2	GPITS TARSET CONTROL	(0,1)MAPER	B1B7, B22B7	SIDE(0,1) MEMORY ADDRESS PARITY ERROR	(0,1)RDWP	B2F5, B23G5	SIDE(0,1) READ WRITE PROTECT			
						(0,1)RDYTM	B1F5, B22F5	SIDE(0,1) READY TIMEOUT			
						(0,1)RESTART	B2F5, B25G5	SIDE(0,1) RESTART SYSTEM			

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MODULE CONTROLLER AND TIME SLOT INTERCHANGER UNIT, MODEL 2		
DWG SIZE C2	ISSUE 17B	
AT&T	SD-5D151-01	
	SHEET A5	

DESIGNATION MNEMONICS INDEX

	MNEMONIC	SHEET LOC	DEFINITION	MNEMONIC	SHEET LOC	DEFINITION	MNEMONIC	SHEET LOC	DEFINITION	MNEMONIC	SHEET LOC	DEFINITION	
A	(0,1)SHDWRST	B1F6, B22F6	SIDE(0,1) SYSTEM HARDWARE RESET	(0,1)TDAT (00-07)X	B18D1,E1, B18D5,E5	SIDE(0,1) TEST ACCESS BUS DATA BIT (00-07)	(0,1)T8M (A,B)0DI	B11,B12B6, B32,B33B6	SIDE(0,1) TSI TO DI(A,B) 8MHZ CLOCK	(0,1)ZIN	B1B6, B22B6	SIDE(0,1) Z SCAN INPUT	A
	(0,1)SIGBPAR	B1B8, B22B8	SIDE(0,1) SYSTEM IGNORE PARITY	(0,1)TERM (00-24)	B19C1,D1,E1, B40C1,D1,E1	SIDE (0,1) TERMINAL FIELD STRAP (00-24)	(0,1)UADDP(H,L)	B3F6, B24F6	SIDE(0,1) UPDATE ADDRESS PARITY (HIGH,LOW)	(0,1)(0-3)PBRDA (N,P)	B10B6,B7,F7, B31B6,B7,F7	100MB PACKET BUS RECEIVE DATA (0,2)	
	(0,1)SIOEN	B1B8, B22B8	SIDE(0,1) SYSTEM INPUT/OUTPUT ENABLE	(0,1)TERM (32-56)	B19F1,G1,H1, B40F1,G1,H1	SIDE (0,1) TERMINAL FIELD STRAP (32-56)	(0,1)UADDPM(H,L)	B3F6, B24F6	SIDE(0,1) UPDATE ADDRESS PARITY MIDDLE (HIGH,LOW)	(0,1)(0-3)PBTDA (N,P)	B10F4-F6, B31F4-F6,	100MB PACKET BUS TRANSMIT DATA (0,2)	
	(0,1)SLARF0	B14F2, B35F3	SIDE(0,1) SELECT A REFERENCE	(0,1)TEST-48	B17B6, B38B6	SIDE(0,1) TEST SLOT -48 VOLT	(0,1)UADD(00-31)	B3F5, B24F6	SIDE(0,1) UPDATE ADDRESS (00-31)	(0,1)(0-3)PBTDB (N,P)	B10F6,F7, B31F6,F7,	100MB PACKET BUS TRANSMIT DATA (1,3)	
B	(0,1)SMITS (1,2)	B1B8, B22B8	SIDE(0,1) SWITCH MODULE INTEGRATED TEST SYSTEM SENSE (1,2)	(0,1)TESTRTN	B17B6, B38B6	SIDE(0,1) TEST SLOT -48 VOLT RETURN	(0,1)UBYTSLP	B3F6, B24F6	SIDE(0,1) UPDATE BYTE SELECT PARITY	(0,1)(0-3)PCTSO (N,P)	B10B3-B6, B31B3-B6,	100/10MBS PACKET BUS CLEAR TO SEND	B
	(0,1)SMLTRSP	B1F6, B22F6	SIDE(0,1) MULTIPLE RESPONSE ERROR	(0,1)TEXTACC	B2B7, B23B7	SIDE(0,1) TEXT ACCESS	(0,1)UDATP(H,L)	B3F6, B24F6	SIDE(0,1) UPDATE DATA PARITY (HIGH,LOW)	(0,1)(0-3)PRTSO (N,P)	B10F0,F1,F3,F4, B31F0,F1,F3,F4	100/10MBS PACKET BUS REQUEST TO SEND	
	(0,1)SMRESET	B19A5, B40B5	SIDE(0,1) SWITCH MODULE RESET	(0,1)TIODECX	B18E1, B18E5	SIDE(0,1) TEST ACCESS BUS INPUT/OUTPUT DECODE ENABLE	(0,1)UDATPM(H,L)	B3F6, B24F6	SIDE(0,1) UPDATE DATA PARITY MIDDLE (HIGH,LOW)	(0,1)(0-3)PRXC1 (N,P)	B10B1-B3,B5, B31B1-B3,B5	100/10MBS PACKET BUS RECEIVE CLOCK	
	(0,1)SPOWRST	B1B9, B22B9	SIDE(0,1) SWITCH POWER UP RESET	(0,1)TMONINX	B18E1, B18E5	SIDE(0,1) TEST ACCESS BUS MONITOR INVOKE	(0,1)UDAT(00-31)	B3F6, B24F6	SIDE(0,1) UPDATE DATA (00-31)	(0,1)(0-3)PRXD0 (N,P)	B10B3-B6, B31B3-B6,	100MB PACKET BUS RECEIVE DATA (1,3) OR 10MBS CARRIER SENSE	
C	(0,1)SRAMEN	B1F4, B22F4	SIDE(0,1) SWITCH RAM ENABLE	(0,1)TMT(+,-)	B17F2, B38F2	SIDE (0,1) ETHERNET TRANSMIT DATA	(0,1)UMJPN	B3F5, B24F5	SIDE(0,1) MATE UPDATE DATA BUS ENABLED	(0,1)(0-3)PTXC0 (N,P)	B10F0,F1,F4, B31F0,F1,F4	100/10MBS PACKET BUS TRANSMIT CLOCK	C
	(0,1)SROMEN	B1F4, B22F4	SIDE(0,1) SWITCH ROM ENABLE	(0,1)TMTITA	B4G1, B25G1	SIDE (0,1) TRANSMIT DATA RS232	(0,1)UMPERR	B3F5, B24F5	SIDE (0,1) MATE PARITY ERROR	1(A,B)DLI1 (P,X-Z)	B34B5	LINK (A,B) DLI TO TSI NIBBLE BUS	
	(0,1)SSBC	B1B9, B22B9	SIDE(0,1) SYSTEM START BUS CYCLE	(0,1)TMULTRS	B1B9, B22B9	SIDE(0,1) TEST MULTIPLE RESPONSE	(0,1)UPDATE	B1F6, B22F6	SIDE(0,1) UPDATE BUS ENABLE	(0,1)(0,1)(A,B) DLI(0,1) (P,X,Y,Z)	B13B4,B14F0,F1, B13B4,B35F0,F1	SIDE(0,1) LINK (A,B) DLI(0,1)F TO TSI(0,1) NIBBLE BUS	
	(0,1)STHEN	B1B9, B22B9	SIDE(0,1) SYSTEM TOTAL HOLD ENABLE	(0,1)TP (A,B)0DIA	B11,B12B3, B32,B33B3	SIDE(0,1) TSI TO DI(A,B) DATA P	(0,1)UPDWP	B2F6, B23G6	SIDE(0,1) UPDATE WRITE PROTECT	(0,1)0C (0-22)(P,N)	B8F0, B29F0,F1	SIDE(0,1) CIO PICB (0-22) CLOCK (P,N)	
	(0,1)STKERR	B1B9, B22B9	SIDE(0,1) STACK ERROR	(0,1)TPSROMX	B18E1, B18E5	SIDE(0,1) TEST ACCESS BUS PSEUDO ROM	(0,1)UREAD	B24F6	SIDE(0,1) UPDATE READ	(0,1)(0,1) CPIDAT	B19B5, B40B5	CPI DATA ONE	D
D	(0,1)SUAP	B7F7, B28F7	SIDE(0,1) SUBUNIT ADDR PARITY	(0,1)TPWRUPX	B18E1, B18E5	SIDE(0,1) TEST ACCESS BUS POWER UP RESTART	(0,1)UREADY	B3F6	SIDE(0,1) UPDATE READY	(0,1)(0,2) DSC-48	B15B4, B36B4	SIDE(0,1) DSC SERVICE GROUP (0,2) -48 VOLT	
	(0,1)SUA0(1-6)	B7F7, B28F8	SIDE(0,1) SUBUNIT ADDR 0 (1-6)	(0,1)TREAD0X	B18E1, B18E5	SIDE(0,1) TEST ACCESS BUS READ	(0,1)UWRITE	B3F6, B24F6	SIDE(0,1) UPDATE WRITE	(0,1)(0,2) DSCRTN	B15F8,	SIDE(0,1) DSC SERVICE GROUP (0,2) -48 RETURN	
	(0,1)SUDPAR (H,L)	B7F7, B28F7	SIDE(0,1) SUBUNIT ADDR DATA PARITY (HIGH,LOW) BYTE	(0,1)TRESTRX	B18E1, B18E5	SIDE(0,1) TEST ACCESS BUS RESTART	(0,1)U16BYS(0,2)	B3F5, B24F5	SIDE(0,1) UPDATE 16 BIT BYTE SELECT (0,2)	(0,1)0ID (0-22)(P,N)	B8B1-B4, B29B1-B3	SIDE(0,1) CIO PICB (0-22) INPUT DATA	
	(0,1)SUD(00-15)	B7F8, B28F8	SIDE(0,1) SUBUNIT DATA (00-15)	(0,1)TSANINH	B2B8, B23B7	SIDE(0,1) TEST ACCESS BUS SANITY TIMER INHIBIT	(0,1)U(8,16,32) RDY	B3F5, B24F5	SIDE(0,1) UPDATE (8,16,32) BIT READY	(0,1)0INT (0-22)P	B8B6,B7, B29B6,B7	SIDE(0,1) CIO PICB (0-22) INTERRUPT (P,N)	E
E	(0,1)SUMIS	B1B9, B22B9	SIDE(0,1) SUBUNIT MISMATCH ERROR	(0,1)TSANINX	B18E1, B18E5	SIDE(0,1) TEST ACCESS BUS SANITY TIMER INHIBIT X	(0,1)U32BYS(0-3)	B3F5, B24F5	SIDE(0,1) UPDATE 32 BIT BYTE SELECT (0-3)	(0,1)(0-3)LPRN	B15D9, B36D9	SIDE(0,1) DSC(0-3) LOCAL PROCESSOR READ NOT	
	(0,1)SU(RD,WR)	B7F7, B28F7	SIDE(0,1) SUBUNIT MISMATCH (READ,WRITE)	(0,1)TST(A,B)	B1F9, B22F9	SIDE(0,1) TEST (A,B)	(0,1)WARP	B2F6, B23G6	SIDE(0,1)WARP TO DEMON UTILITY SYSTEM	(0,1)(0,1) MADO(0-7)	B4E4, B25E4	SIDE(0,1) MEMORY BOARD (0-4) ADDRESS OUT (0-7)	
	(0,1)SU(0-5) (ERR,SEL,WT)	B2B7,B7F5,B6, B23B7,B28F6,B6	SIDE(0,1) SUBUNIT (0-5) ERROR/SELECT/WAIT	(0,1)TSTWX	B18F1, B18F5	SIDE(0,1) TEST ACCESS BUS STOP THE WORLD	(0,1)WARPINX	B18F1, B18F5	SIDE(0,1)WARP TO DEMON UTILITY SYSTEM	(0,1)(0,1) MATEEN	B14F3, B35C4	SIDE(0,1) DLI(0,1) MATE ENABLE	
	(0,1)SWRTSTB	B1B9, B22B9	SIDE(0,1) SYSTEM WRITE STROBE	(0,1)TTHEN1X	B18F1, B18F5	SIDE(0,1) TEST ACCESS BUS TOTAL HOLD	(0,1)WPDAT	B2F6, B23G6	SIDE(0,1) WRITE PROTECT DATA	(0,1)(0,1) MATE4M	B14B4, B35F4	SIDE(0,1) DLI(0,1) MATE 4MHZ CLOCK	F
F	(0,1)S(13,36) MHZ	B1F3,B8, B22F3,B8	SIDE(0,1) SYSTEM (13,36) MHZ CLOCK	(0,1)TVALOPX	B18F1, B18F5	SIDE(0,1) TEST ACCESS BUS VALID OPERATION	(0,1)WPERR	B2B7, B23B7	SIDE(0,1) WRITE PROTECT ERROR	(0,1)(0,1) MCK8MH	B14F3, B35C4	SIDE(0,1) DLI(0,1) MATE 8MHZ CLOCK	
	(0,1)S16BYS(0,1)	B1F3, B22F3	SIDE(0,1) SYSTEM 16 BIT BUS BYTE SELECT (0,1)	(0,1)TWPSPIX	B18F1, B18F5	SIDE(0,1) TEST ACCESS BUS WRITE PROTECT/STACK PROTECT INHIBIT	(0,1)WPROTER	B1B9, B22B9	SIDE(0,1) WRITE PROTECT ERROR				
	(0,1)S(8,16,32)RDY	B1F6,F4,F3, B22F6,F4,F3	SIDE(0,1) SYSTEM (8,16,32) BIT READY	(0,1)TWRT0X	B18F1, B18F5	SIDE(0,1) TEST ACCESS BUS WRITE STROBE	(0,1)WPSTAT	B2B7, B23B7	SIDE(0,1) WRITE PROTECT STATUS				
	(0,1)S32BYS(0-3)	B1F4,F3, B22F4,F3	SIDE(0,1) SYSTEM 32 BIT BUS BYTE SELECT (0-3)	(0,1)TX (A,B)0DID	B11,B12B3, B32,B33B3	SIDE(0,1) TSI TO DI(A,B) DATA X	(0,1)WRSTRB	B2B7, B23B7	SIDE(0,1) WRITE STROBE				
G	(0,1)TACTFFX	B18B1, B18B5	SIDE(0,1) TEST ACCESS BUS ACTIVE FLIP-FLOP	(0,1)TY (A,B)0DIC	B11,B12B3, B32,B33B3	SIDE(0,1) TSI TO DI(A,B) DATA Y	(0,1)X(A,B) INER	B18D8, B39D5	EXTERNAL REFERENCE (A,B) IN FRAME				G
	(0,1)TADD (00-17)X	B18B1,C1,D1, B18B5,C1,D5	SIDE(0,1) TEST ACCESS BUS ADDRESS BIT (00-17)	(0,1)TZ (A,B)0DIB	B11,B12B3, B32,B33B3	SIDE(0,1) TSI TO DI(A,B) DATA Z	(0,1)X(A,B) INFR	B14B3, B35C3	SIDE(0,1) DLI EXTERN (A,B) LINK IN FRAME				
	(0,1)TALWIOX	B18D1, B18D5	SIDE(0,1) TEST ACCESS BUS ALLOW INPUT OUTPUT	(0,1)T(1,2) SENSX	B18F1, B18F5	SIDE(0,1) TEST ACCESS BUS SENSE (1,2)	(0,1)XGPRESO	B19,B31D2	GPITS RESET				
	(0,1)T(A,B) 0ADD(A-D)	B12B3, B11B3	SIDE(0,1) TSI TO DI(A,B) ADDRESS (A-D)	(0,1)T2MHCI	B8B1, B29B8	SIDE(0,1) 2MHZ CLOCK TO CI	(0,1)XTRAIT	B2B8, B23B8	EXTRA INTERRUPT				
H	(0,1)T(A,B) 0DIS0	B12B3, B11B3 B32,B33B3	SIDE(0,1) TSI TO DI(A,B) BOARD SELECT	(0,1)T8K (A,B)0DI	B11,B12B6, B32,B33B6	SIDE(0,1) TSI TO DI(A,B) 8KHZ SYNC	(0,1)X8KREF (0,1)	B18D8, B39D5	8KHZ CLOCK REFERENCE (A,B)				
							(0,1)X8KRF(A,B)	B14B2, B35C2	SIDE(0,1) DLI EXTERN 8K REFERENCE INPUT (A,B) LINK				

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

AT&T

DWG SIZE
C2

ISSUE
17B

SHEET
A6

PRINTED IN U.S.A.

DESIGNATION MNEMONICS INDEX

MNEMONIC	SHEET LOC	DEFINITION	MNEMONIC	SHEET LOC	DEFINITION	MNEMONIC	SHEET LOC	DEFINITION
(0,1)OOD (0-22)(P,N)	B8F1-F4, B29F1-F3	SIDE(0,1) CIO PICB (0-22) OUTPUT DATA (P,N)	(0,1)18KS (0-15)(P,N)	B12F6-F8, B33F6-F7	SIDE(0,1) DI1 PIDB (0-15) 8KHZ SYNC (P,N)	(0,1)(0,1) (0,1)LIERR	B2B4,B2, B14F4, B35F2,B23B4, B2	SIDE(0,1) SMP(0,1) TO DLI(0,1) ERROR
(0,1)OPBI (0-15)(P,N)	B11B3-B5, B32B3-B5	SIDE(0,1) DIO PIDB (0-15) INPUT DATA (P,N)	(0,1)(0,1) 8MH(0,1)CK	B13B4,B5, B14F4, B35F2,B34B6	SIDE(0,1) DLI(0,1) TO TSI(0,1) 8MHZ CLOCK	(0,1)(0,1) (0,1)LIOOS	B1F4,F7, B14B4, B35C1,B22F4, F7	SIDE(0,1) SMP(0,1) TO DLI(0,1) OUT OF SERVICE
(0,1)OPBO (0-15)(P,N)	B11F1-F3, B32F1-F3	SIDE(0,1) CIO PIDB (0-15) SELECT (P,N)	(0,1)(0,1) (0,1)(A,B)CPI	B1B3,B6, B14F4,F5, B22B3,B6	SIDE(0,1) DLI(0,1) TO SMP(0,1) LINK (A,B) CPI	(0,1)(0,1) (0,1)LIOUT	B7F3,F6, B14B4, B35C2,B28F3, F6	SIDE(0,1) SMP(0,1) TO DLI(0,1) DATA OUT
(0,1)1C (0-22)(P,N)	B9F0, B30F0	SIDE(0,1) CI1 PICB (0-22) CLOCK (P,N)	(0,1)(0,1) (0,1)(A,B)DLIR	B7B3,B14F4, F5, B35F0,B28B3	SIDE(0,1) DLI(0,1) TO SMP(0,1) LINK (A,B) RECEIVE MTS DATA	(0,1)(0,1) (0,1)LIRQP	B1F4,F7, B14B5, B35C2,B22F4, F7	SIDE(0,1) SMP(0,1) TO DLI(0,1) REQUEST IN PROGRESS
(0,1)1ID (0-22)(P,N)	B9B0-B4, B30B0-B4	SIDE(0,1) CI1 PICB (0-22) INPUT DATA (P,N)	(0,1)(0,1) (0,1)(A,B)DLIT	B7F2,B14F4, B5, B35C1,B28F2, F6,1	SIDE(0,1) DLI(0,1) TO SMP(0,1) LINK (A,B) TRANSMIT MTS DATA	(0,1)(0,1) (0,1)OD(0,1)(N,P)	B8F1,F2, B15F7,F8, B29F1,F2	SIDE(0,1) CI(0,1) PICB(0,1) OUTPUT DATA (N,P)
(0,1)1INT (0-22)(P,N)	B9B6,B7, B30B6,B7	SIDE(0,1) CI1 PICB (0-22) INTERRUPT (P,N)	(0,1)(0,1) (0,1)(A,B)PAR	B7B3,B14F5, B35F0,B28B3	SIDE(0,1) DLI(0,1) TO SMP(0,1) LINK (A,B) RECEIVE MTS PARITY	(0,1)(0,1) (0,1)S(0,1)(N,P)	B8F4,F6, B15B5, B29F4,F6	SIDE(0,1) CI(0,1) PICB(0,1) SELECT (N,P)
(0,1)1OD (0-22)(P,N)	B9F1-F4, B30F1-F4	SIDE(0,1) CI1 PICB (0-22) OUTPUT DATA (P,N)	(0,1)(0,1) (0,1)(A,B)PART	B7F2,B14B5, B35C1,B28F2, F6	SIDE(0,1) DLI(0,1) TO SMP(0,1) LINK (A,B) TRANSMIT MTS PARITY	(0,1)(0,1) (0,1)SYN6M	B13B4,B14F4, B13B3, B34B5,B4, B35F2	SIDE(0,1) DLI(0,1) TO TSI(0,1) 6MS SYNC
(0,1)1PBI (0-15)(P,N)	B12B3,B4,B6, B33B3-B6	SIDE(0,1) DI1 PIDB (0-15) INPUT DATA (P,N)	(0,1)(0,1) OC(0,1)(N,P)	B8F0,B15B5, B29F0	SIDE(0,1) CI(0,1) PICB(0,1) CLOCK	(0,1)3ADDPER	B1B6, B22B6	SIDE(0,1) CS2 ADDRESS PARITY ERROR
(0,1)1PBO (0-15)(P,N)	B12F1-F3, B33F1-F3	SIDE(0,1) DI1 PIDB (0-15) OUTPUT DATA (P,N)	(0,1)(0,1) (0,1)DLIGO	B7F3,F6, B14B3, B35C1,B28F3, F6	SIDE(0,1) SMP(0,1) TO DLI(0,1) GO			
(0,1)(0,1)PBRDB (N,P)	B10B3,B4, B31B3,B4	SIDE (0,1) PACKET BUS READ	(0,1)(0,1) (0,1)DLIIN	B7B4,B14F4, B35F2,B28B4	SIDE(0,1) SMP(0,1) TO DLI(0,1) DATA IN			
(0,1)(0,1) PCTSD(P,N)	B10B3,B4, B31B3,B4	SIDE(0,1) PACKET BUS (0,1) CLEAR TO SEND 0 (P,N)	(0,1)(0,1) (0,1)DLI(W,X,Y)	B1B6,B7,B3, B14F6, B35F1,B22B6, B4	SIDE(0,1) SMP(0,1) TO DLI(0,1) SCAN(W-Y)			
(0,1)(0,1) PRTSD(P,N)	B10F0,F1, B31F0,F1	SIDE(0,1) PACKET BUS (0,1) REQUEST TO SEND 0 (P,N)	(0,1)(0,1) (0,1)ID(0,1)(N,P)	B8B1,B2, B15F7, B29B1,B2	SIDE(0,1) CI(0,1) PICB(0,1) INPUT DATA (0,1) (N,P)			
(0,1)(0,1) PRXC1(P,N)	B10B1,B2, B31B1,B2	SIDE(0,1) PACKET BUS (0,1) RECEIVE CARRIER 1 (P,N)	(0,1)(0,1) (0,1)INTO(0,1)(N,P)	B8B6,B15F7, B29B6	SIDE(0,1) CI(0,1) PICB(0,1) INTERRUPT (N,P)			
(0,1)(0,1) PRXD0(P,N)	B10B3,B4, B31B3,B4	SIDE(0,1) PACKET BUS (0,1) RECEIVE DATA 0 (P,N)	(0,1)(0,1) (0,1)LIACT	B7F3,F6, B14B4, B35C2,B28F3, F6	SIDE(0,1) SMP(0,1) TO DLI(0,1) ACTIVE			
(0,1)(0,1) PTXC0(P,N)	B10F0,F1, B31F2,F3	SIDE(0,1) PACKET BUS (0,1) TRANSMIT CARRIER 0 (P,N)	(0,1)(0,1) (0,1)LICK8	B1B3,B2B2, B35F1,B22B3	SIDE(0,1) DLI(0,1) TO TSI(0,1) CLOCK 8KHZ			
(0,1)(0,1) PTXD1(P,N)	B10F2, B31F2	SIDE(0,1) PACKET BUS (0,1) TRANSMIT DATA 1 (P,N)	(0,1)(0,1) (0,1)LICLK	B7F3,F6, B14B4, B35C2,B28F3, F6	SIDE(0,1) SMP(0,1) TO DLI(0,1) CLOCK			
(0,1)(2,3)PDATA (N,P)	B10F7,F8, B31F7,F8	10MB PACKET DATA	(0,1)(0,1) (0,1)LIC48	B1B6,B3, B14B5, B35F1,B22B6, B3	SIDE(0,1) DLI(0,1) TO TSI(0,1) CLOCK 48KHZ			
(0,1)(0,1) SY8KH(0,1)	B13B4,F4, B35F2,B34B4, B6	SIDE(0,1) DLI(0,1) TO TSI(0,1) 8KHZ SYNC	(0,1)(0,1) (0,1)LIDGN	B1F4,F7, B14B5, B35C2,B22F4, F7	SIDE(0,1) SMP(0,1) TO DLI(0,1) DIAGNOSTIC			
(0,1)(0,1) S(0-22)(P,N)	B8F5-F7, B30F5-F7, B29F5-F7	SIDE(0,1) CI(0,1) PICB(0-22) SELECT (P,N)						
(0,1)(0,1) TSCPI	B14B4, B35C4	SIDE(0,1) TRANSMIT CPI						
(0,1)(0,1) TSI(A,B)(0,1) (P,X,Y,Z)	B13G4,F5,G5, B35F5,C1,C2	SIDE(0,1) LINK (A,B) DLI(0,1) TO TSI(0,1) 8KHZ SYNC						
(0,1)04MC (0-15)(P,N)	B11F3-F6, B32F3-F5	SIDE(0,1) DIO PIDB (0-15) SYNC (P,N)						
(0,1)08KS (0-15)(P,N)	B11F6-F8, B32F6-F8	SIDE(0,1) DIO PIDB (0-15) 8KHZ SYNC (P,N)						
(0,1)14MC (0-15)(P,N)	B12F3-F5, B33F3-F5	SIDE(0,1) DI1 PIDB (0-15) SYNC (P,N)						

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MODULE CONTROLLER AND TIME SLOT INTERCHANGER UNIT, MODEL 2	DWG SIZE	ISSUE
	C2	17B
AT&T	SD-5D151-01	
	SHEET A7	

A
B
C
D
E
F
G
H

4 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
001LICLK	004-153		004-153	035	IO		B7/F6 *
001LIDGN	0CS1		004-026	242	O	1DLIDGN	B1/E1
001LIDGN	004-152		004-152	049	IO		B1/F7 *
001LIBRR	0CS2		004-034	552	I	1DLIBRR	B2/E0
001LIBRR	0APPL1		004-088	452	IO	NC	B7/E1
001LIBRR	004-152		004-152	047	IO		B7/F6 *
001LIOOS	0CS1		004-026	341	O	1DLIOOS	B1/E1
001LIOOS	004-153		004-153	048	IO		B1/F7 *
001LIOUT	0APPL1		004-088	550	O	DLIOOUT	B7/E1
001LIOUT	004-153		004-153	051	IO		B7/F6 *
001LIRQP	0CS1		004-026	241	O	1DLIRQP	B1/E1
001LIRQP	004-152		004-152	048	IO		B1/F7 *
001SYN6M	004-152		004-152	003	IO		B14/F4 *
001SYN6M	0DLI		004-156	107	O	1SYN6MS	B14/E0
004MC0N	0DIO		004-130	104	O	04MCN	B11/E0 *
004MC0NL	0TSI-SP		004-144	154	O	DSUACN	B13/E1
004MC0NL	0DSC		004-168	305	IO	4MC0N	B15/E0
004MC0P	0DIO		004-130	004	O	04MCP	B11/E0 *
004MC0PL	0TSI-SP		004-144	054	O	DSUACP	B13/E1
004MC0PL	0DSC		004-168	205	IO	4MC0P	B15/E0
004MC10N	0DIO		004-130	149	O	104MCN	B11/E0 *
004MC10P	0DIO		004-130	049	O	104MCP	B11/E0 *
004MC11N	0DIO		004-130	155	O	114MCN	B11/E0 *
004MC11P	0DIO		004-130	055	O	114MCP	B11/E0 *
004MC12N	0DIO		004-130	336	O	124MCN	B11/E0 *
004MC12P	0DIO		004-130	236	O	124MCP	B11/E0 *
004MC13N	0DIO		004-130	342	O	134MCN	B11/E0 *
004MC13P	0DIO		004-130	242	O	134MCP	B11/E0 *
004MC14N	0DIO		004-130	349	O	144MCN	B11/E0 *
004MC14P	0DIO		004-130	249	O	144MCP	B11/E0 *
004MC15N	0DIO		004-130	355	O	154MCN	B11/E0 *
004MC15P	0DIO		004-130	255	O	154MCP	B11/E0 *
004MC1N	0DIO		004-130	110	O	14MCN	B11/E0 *
004MC1NL	0TSI-SP		004-144	148	O	DSUBCN	B13/E1
004MC1NL	004-173		004-173	037	IO		B13/G7 *
004MC1P	0DIO		004-130	010	O	14MCP	B11/E0 *
004MC1PL	0TSI-SP		004-144	048	O	DSUBCP	B13/E1
004MC1PL	004-172		004-172	037	IO		B13/G7 *
004MC2N	0DIO		004-130	117	O	24MCN	B11/E0 *
004MC2P	0DIO		004-130	017	O	24MCP	B11/E0 *
004MC3N	0DIO		004-130	123	O	34MCN	B11/E0 *
004MC3P	0DIO		004-130	023	O	34MCP	B11/E0 *
004MC4N	0DIO		004-130	304	O	44MCN	B11/E0 *
004MC4P	0DIO		004-130	204	O	44MCP	B11/E0 *
004MC5N	0DIO		004-130	310	O	54MCN	B11/E0 *
004MC5P	0DIO		004-130	210	O	54MCP	B11/E0 *
004MC6N	0DIO		004-130	317	O	64MCN	B11/E0 *
004MC6P	0DIO		004-130	217	O	64MCP	B11/E0 *
004MC7N	0DIO		004-130	323	O	74MCN	B11/E0 *
004MC7P	0DIO		004-130	223	O	74MCP	B11/E0 *
004MC8N	0DIO		004-130	136	O	84MCN	B11/E0 *
004MC8P	0DIO		004-130	036	O	84MCP	B11/E0 *
004MC9N	0DIO		004-130	142	O	94MCN	B11/E0 *

5 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
004MC9P	0DIO		004-130	042	O	94MCP	B11/E0 *
008KSON	0DIO		004-130	103	O	08KSN	B11/E0 *
008KSONL	0TSI-SP		004-144	153	O	DSUASN	B13/E1
008KSONL	0DSC		004-168	304	IO	8KSON	B15/E0
008KS0P	0DIO		004-130	003	O	08KSP	B11/E0 *
008KS0PL	0TSI-SP		004-144	053	O	DSUASP	B13/E1
008KS0PL	0DSC		004-168	204	IO	8KS0P	B15/E0
008KS10N	0DIO		004-130	148	O	108KSN	B11/E0 *
008KS10P	0DIO		004-130	048	O	108KSP	B11/E0 *
008KS11N	0DIO		004-130	154	O	118KSN	B11/E0 *
008KS11P	0DIO		004-130	054	O	118KSP	B11/E0 *
008KS12N	0DIO		004-130	335	O	128KSN	B11/E0 *
008KS12P	0DIO		004-130	235	O	128KSP	B11/E0 *
008KS13N	0DIO		004-130	341	O	138KSN	B11/E0 *
008KS13P	0DIO		004-130	241	O	138KSP	B11/E0 *
008KS14N	0DIO		004-130	348	O	148KSN	B11/E0 *
008KS14P	0DIO		004-130	248	O	148KSP	B11/E0 *
008KS15N	0DIO		004-130	354	O	158KSN	B11/E0 *
008KS15P	0DIO		004-130	254	O	158KSP	B11/E0 *
008KS1N	0DIO		004-130	109	O	18KSN	B11/E0 *
008KS1NL	0TSI-SP		004-144	147	O	DSUBSN	B13/E1
008KS1NL	004-173		004-173	035	IO		B13/G7 *
008KS1P	0DIO		004-130	009	O	18KSP	B11/E0 *
008KS1PL	0TSI-SP		004-144	047	O	DSUBSP	B13/E1
008KS1PL	004-172		004-172	035	IO		B13/G7 *
008KS2N	0DIO		004-130	116	O	28KSN	B11/E0 *
008KS2P	0DIO		004-130	016	O	28KSP	B11/E0 *
008KS3N	0DIO		004-130	122	O	38KSN	B11/E0 *
008KS3P	0DIO		004-130	022	O	38KSP	B11/E0 *
008KS4N	0DIO		004-130	303	O	48KSN	B11/E0 *
008KS4P	0DIO		004-130	203	O	48KSP	B11/E0 *
008KS5N	0DIO		004-130	309	O	58KSN	B11/E0 *
008KS5P	0DIO		004-130	209	O	58KSP	B11/E0 *
008KS6N	0DIO		004-130	316	O	68KSN	B11/E0 *
008KS6P	0DIO		004-130	216	O	68KSP	B11/E0 *
008KS7N	0DIO		004-130	322	O	78KSN	B11/E0 *
008KS7P	0DIO		004-130	222	O	78KSP	B11/E0 *
008KS8N	0DIO		004-130	135	O	88KSN	B11/E0 *
008KS8P	0DIO		004-130	035	O	88KSP	B11/E0 *
008KS9N	0DIO		004-130	141	O	98KSN	B11/E0 *
008KS9P	0DIO		004-130	041	O	98KSP	B11/E0 *
008MH0CK	0TSI-SP		004-144	008	I	DL108M	B13/E1
008MH0CK	0DLI		004-156	005	O	0CK8MHZN	B14/E0
008MH1CK	004-153		004-153	002	IO		B14/F4 *
008MH1CK	0DLI		004-156	105	O	1CK8MHZN	B14/E0
00ADLI0P	0TSI-SP		004-144	011	I	DL10AN3	B13/E1
00ADLI0P	0DLI		004-156	021	O	ARPTS10	B14/E0
00ADLI0X	0TSI-SP		004-144	311	I	DL10AN0	B13/E1
00ADLI0X	0DLI		004-156	024	O	ARXTS10	B14/E0
00ADLI0Y	0TSI-SP		004-144	211	I	DL10AN1	B13/E1
00ADLI0Y	0DLI		004-156	023	O	ARYTS10	B14/E0
00ADLI0Z	0TSI-SP		004-144	111	I	DL10AN2	B13/E1
00ADLI0Z	0DLI		004-156	022	O	ARZTS10	B14/E0

6 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
00ADLI1P	004-153		004-153	008	IO		B14/F5 *
00ADLI1P	0DLI		004-156	121	O	ARPTS11	B14/E0
00ADLI1X	004-153		004-153	011	IO		B14/F5 *
00ADLI1X	0DLI		004-156	124	O	ARXTS11	B14/E0
00ADLI1Y	004-153		004-153	010	IO		B14/F5 *
00ADLI1Y	0DLI		004-156	123	O	ARYTS11	B14/E0
00ADLI1Z	004-153		004-153	009	IO		B14/F5 *
00ADLI1Z	0DLI		004-156	122	O	ARZTS11	B14/E0
00BDLI0P	0TSI-SP		004-144	009	I	DL10BN3	B13/E1
00BDLI0P	0DLI		004-156	008	O	BRPTS10	B14/E0
00BDLI0X	0TSI-SP		004-144	309	I	DL10BN0	B13/E1
00BDLI0X	0DLI		004-156	011	O	BRXTS10	B14/E0
00BDLI0Y	0TSI-SP		004-144	209	I	DL10BN1	B13/E1
00BDLI0Y	0DLI		004-156	010	O	BRYTS10	B14/E0
00BDLI0Z	0TSI-SP		004-144	109	I	DL10BN2	B13/E1
00BDLI0Z	0DLI		004-156	009	O	BRZTS10	B14/E0
00BDLI1P	004-153		004-153	004	IO		B14/F5 *
00BDLI1P	0DLI		004-156	108	O	BRPTS11	B14/E0
00BDLI1X	004-153		004-153	007	IO		B14/F5 *
00BDLI1X	0DLI		004-156	111	O	BRXTS11	B14/E0
00BDLI1Y	004-153		004-153	006	IO		B14/F5 *
00BDLI1Y	0DLI		004-156	110	O	BRYTS11	B14/E0
00BDLI1Z	004-153		004-153	005	IO		B14/F6 *
00BDLI1Z	0DLI		004-156	109	O	BRZTS11	B14/E0
00C0N	0CIO		004-096	054	O	CON	B8/E0
00C0N	0DSC		004-168	254	I	CON	B15/E0 *
00C0P	0CIO		004-096	154	O	C0P	B8/E0
00C0P	0DSC		004-168	354	I	C0P	B15/E0 *
00C10N	0CIO		004-096	241	O	C10N	B8/E0 *
00C10P	0CIO		004-096	341	O	C10P	B8/E0 *
00C11N	0CIO		004-096	235	O	C11N	B8/E0 *
00C11P	0CIO		004-096	335	O	C11P	B8/E0 *
00C12N	0CIO		004-096	222	O	C12N	B8/E0 *
00C12P	0CIO		004-096	322	O	C12P	B8/E0 *
00C13N	0CIO		004-096	216	O	C13N	B8/E0 *
00C13P	0CIO		004-096	316	O	C13P	B8/E0 *
00C14N	0CIO		004-096	209	O	C14N	B8/E0 *
00C14P	0CIO		004-096	309	O	C14P	B8/E0 *
00C15N	0CIO		004-096	203	O	C15N	B8/E0 *
00C15P	0CIO		004-096	303	O	C15P	B8/E0 *
00C16N	0CIO		004-096	454	O	C16N	B8/E0 *
00C16P	0CIO		004-096	554	O	C16P	B8/E0 *
00C17N	0CIO		004-096	448	O	C17N	B8/E0 *
00C17P	0CIO		004-096	548	O	C17P	B8/E0 *
00C18N	0CIO		004-096	441	O	C18N	B8/E0 *

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7 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
00C18P	OCIO	004-096	541	O	C18P	B8/E0	*
00C19N	OCIO	004-096	435	O	C19N	B8/E0	*
00C19P	OCIO	004-096	535	O	C19P	B8/E0	*
00C20N	OCIO	004-096	422	O	C20N	B8/E0	*
00C20P	OCIO	004-096	522	O	C20P	B8/E0	*
00C21N	OCIO	004-096	416	O	C21N	B8/E0	*
00C21P	OCIO	004-096	516	O	C21P	B8/E0	*
00C22N	OCIO	004-096	409	O	C22N	B8/E0	*
00C22P	OCIO	004-096	509	O	C22P	B8/E0	*
00C2N	OCIO	004-096	041	O	C2N	B8/E0	*
00C2P	OCIO	004-096	141	O	C2P	B8/E0	*
00C3N	OCIO	004-096	035	O	C3N	B8/E0	*
00C3P	OCIO	004-096	135	O	C3P	B8/E0	*
00C4N	OCIO	004-096	022	O	C4N	B8/E0	*
00C4P	OCIO	004-096	122	O	C4P	B8/E0	*
00C5N	OCIO	004-096	016	O	C5N	B8/E0	*
00C5P	OCIO	004-096	116	O	C5P	B8/E0	*
00C6N	OCIO	004-096	009	O	C6N	B8/E0	*
00C6P	OCIO	004-096	109	O	C6P	B8/E0	*
00C7N	OCIO	004-096	003	O	C7N	B8/E0	*
00C7P	OCIO	004-096	103	O	C7P	B8/E0	*
00C8N	OCIO	004-096	254	O	C8N	B8/E0	*
00C8P	OCIO	004-096	354	O	C8P	B8/E0	*
00C9N	OCIO	004-096	248	O	C9N	B8/E0	*
00C9P	OCIO	004-096	348	O	C9P	B8/E0	*
00CPIDAT	004-050	004-050	423	O		B19/B4	*
00CPIDAT	004-054	004-054	023	O		B19/B5	*
00DSC-48	002-176	002-176	013	P		B17/B9	*
00DSC-48	EP5	002-176	3	P	PWR3	B17/C9	
00DSC-48	ODSC	004-168	000	P	-48VLONG	B15/E0	
00DSC-48	ODSC	004-168	100	P	-48V	B15/E0	
00DSC-48	ODSC	004-168	200	P	-48V	B15/E0	
00DSC-48	ODSC	004-168	300	P	-48V	B15/E0	
00DSCRTN	002-176	002-176	009	G		B17/D9	*
00DSCRTN	EP5	002-176	4	P	PWR4	B17/C9	
00DSCRTN	ODSC	004-168	001	G	-48RTN	B15/E0	
00DSCRTN	ODSC	004-168	101	G	-48RTN	B15/E0	
00DSCRTN	ODSC	004-168	201	G	-48RTN	B15/E0	
00DSCRTN	ODSC	004-168	301	G	-48RTN	B15/E0	
00ID0N	OCIO	004-096	056	I	ID0N	B8/E0	
00ID0N	ODSC	004-168	256	O	ID0N	B15/E0	*
00ID0P	OCIO	004-096	156	I	ID0P	B8/E0	
00ID0P	ODSC	004-168	356	O	ID0P	B15/E0	*
00ID10N	OCIO	004-096	243	I	ID10N	B8/E0	*
00ID10P	OCIO	004-096	343	I	ID10P	B8/E0	*
00ID11N	OCIO	004-096	237	I	ID11N	B8/E0	*
00ID11P	OCIO	004-096	337	I	ID11P	B8/E0	*
00ID12N	OCIO	004-096	224	I	ID12N	B8/E0	*
00ID12P	OCIO	004-096	324	I	ID12P	B8/E0	*
00ID13N	OCIO	004-096	218	I	ID13N	B8/E0	*
00ID13P	OCIO	004-096	318	I	ID13P	B8/E0	*
00ID14N	OCIO	004-096	211	I	ID14N	B8/E0	*
00ID14P	OCIO	004-096	311	I	ID14P	B8/E0	*
00ID15N	OCIO	004-096	205	I	ID15N	B8/E0	*

8 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
00ID15P	OCIO	004-096	305	I	ID15P	B8/E0	*
00ID16N	OCIO	004-096	456	I	ID16N	B8/E0	*
00ID16P	OCIO	004-096	556	I	ID16P	B8/E0	*
00ID17N	OCIO	004-096	450	I	ID17N	B8/E0	*
00ID17P	OCIO	004-096	550	I	ID17P	B8/E0	*
00ID18N	OCIO	004-096	443	I	ID18N	B8/E0	*
00ID18P	OCIO	004-096	543	I	ID18P	B8/E0	*
00ID19N	OCIO	004-096	437	I	ID19N	B8/E0	*
00ID19P	OCIO	004-096	537	I	ID19P	B8/E0	*
00ID20N	OCIO	004-096	424	I	ID20N	B8/E0	*
00ID20P	OCIO	004-096	524	I	ID20P	B8/E0	*
00ID21N	OCIO	004-096	418	I	ID21N	B8/E0	*
00ID21P	OCIO	004-096	518	I	ID21P	B8/E0	*
00ID22N	OCIO	004-096	411	I	ID22N	B8/E0	*
00ID22P	OCIO	004-096	511	I	ID22P	B8/E0	*
00ID2N	OCIO	004-096	043	I	ID2N	B8/E0	*
00ID2P	OCIO	004-096	143	I	ID2P	B8/E0	*
00ID3N	OCIO	004-096	037	I	ID3N	B8/E0	*
00ID3P	OCIO	004-096	137	I	ID3P	B8/E0	*
00ID4N	OCIO	004-096	024	I	ID4N	B8/E0	*
00ID4P	OCIO	004-096	124	I	ID4P	B8/E0	*
00ID5N	OCIO	004-096	018	I	ID5N	B8/E0	*
00ID5P	OCIO	004-096	118	I	ID5P	B8/E0	*
00ID6N	OCIO	004-096	011	I	ID6N	B8/E0	*
00ID6P	OCIO	004-096	111	I	ID6P	B8/E0	*
00ID7N	OCIO	004-096	005	I	ID7N	B8/E0	*
00ID7P	OCIO	004-096	105	I	ID7P	B8/E0	*
00ID8N	OCIO	004-096	256	I	ID8N	B8/E0	*
00ID8P	OCIO	004-096	356	I	ID8P	B8/E0	*
00ID9N	OCIO	004-096	250	I	ID9N	B8/E0	*
00ID9P	OCIO	004-096	350	I	ID9P	B8/E0	*
00INT10P	OCIO	004-096	339	I	NINT10P	B8/E0	*
00INT11P	OCIO	004-096	333	I	NINT11P	B8/E0	*
00INT12P	OCIO	004-096	320	I	NINT12P	B8/E0	*
00INT13P	OCIO	004-096	314	I	NINT13P	B8/E0	*
00INT14P	OCIO	004-096	307	I	NINT14P	B8/E0	*
00INT15P	OCIO	004-096	301	I	NINT15P	B8/E0	*
00INT16P	OCIO	004-096	552	I	NINT16P	B8/E0	*
00INT17P	OCIO	004-096	546	I	NINT17P	B8/E0	*
00INT18P	OCIO	004-096	539	I	NINT18P	B8/E0	*
00INT19P	OCIO	004-096	533	I	NINT19P	B8/E0	*
00INT20P	OCIO	004-096	520	I	NINT20P	B8/E0	*
00INT21P	OCIO	004-096	514	I	NINT21P	B8/E0	*
00INT22P	OCIO	004-096	507	I	NINT22P	B8/E0	*
00INT2P	OCIO	004-096	139	I	NINT2P	B8/E0	*
00INT3P	OCIO	004-096	133	I	NINT3P	B8/E0	*
00INT4P	OCIO	004-096	120	I	NINT4P	B8/E0	*
00INT5P	OCIO	004-096	114	I	NINT5P	B8/E0	*

9 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
00INT6P	OCIO	004-096	107	I	NINT6P	B8/E0	*
00INT7P	OCIO	004-096	101	I	NINT7P	B8/E0	*
00INT8P	OCIO	004-096	352	I	NINT8P	B8/E0	*
00INT9P	OCIO	004-096	346	I	NINT9P	B8/E0	*
00MADO0	OMEM1	004-050	042	O	MADOUT0	B4/E0	
00MADO0	OMEM2	004-058	040	I	MADIN00	B4/B4	
00MADO1	OMEM1	004-050	142	O	MADOUT1	B4/E0	
00MADO1	OMEM2	004-058	140	I	MADIN01	B4/B4	
00MADO2	OMEM1	004-050	242	O	MADOUT2	B4/E0	
00MADO2	OMEM2	004-058	240	I	MADIN02	B4/B4	
00MADO3	OMEM1	004-050	342	O	MADOUT3	B4/E0	
00MADO3	OMEM2	004-058	340	I	MADIN03	B4/B4	
00MADO4	OMEM1	004-050	043	O	MADOUT4	B4/E0	
00MADO4	OMEM2	004-058	041	I	MADIN04	B4/B4	
00MADO5	OMEM1	004-050	143	O	MADOUT5	B4/E0	
00MADO5	OMEM2	004-058	141	I	MADIN05	B4/B4	
00MADO6	OMEM1	004-050	243	O	MADOUT6	B4/E0	
00MADO6	OMEM2	004-058	241	I	MADIN06	B4/B4	
00MADO7	OMEM1	004-050	343	O	MADOUT7	B4/E0	
00MADO7	OMEM2	004-058	341	I	MADIN07	B4/B4	
00MATE4M	004-153	004-153	013	IO		B14/B4	*
00MATE4M	ODLI	004-156	203	I	4MHIN	B14/E0	
00MATEEN	004-153	004-153	046	IO		B14/F3	*
00MATEEN	ODLI	004-156	104	O	MATENOUT	B14/E0	
00MCK8MH	004-153	004-153	003	IO		B14/F3	*
00MCK8MH	ODLI	004-156	310	O	MCK8MHZN	B14/E0	
00OD0N	OCIO	004-096	055	O	OD0N	B8/E0	
00OD0N	ODSC	004-168	255	O	OD0N	B15/E0	*
00OD0P	OCIO	004-096	155	O	OD0P	B8/E0	
00OD0P	ODSC	004-168	355	O	OD0P	B15/E0	*
00OD10N	OCIO	004-096	242	O	OD10N	B8/E0	*
00OD10P	OCIO	004-096	342	O	OD10P	B8/E0	*
00OD11N	OCIO	004-096	236	O	OD11N	B8/E0	*
00OD11P	OCIO	004-096	336	O	OD11P	B8/E0	*
00OD12N	OCIO	004-096	223	O	OD12N	B8/E0	*
00OD12P	OCIO	004-096	323	O	OD12P	B8/E0	*
00OD13N	OCIO	004-096	217	O	OD13N	B8/E0	*
00OD13P	OCIO	004-096	317	O	OD13P	B8/E0	*
00OD14N	OCIO	004-096	210	O	OD14N	B8/E0	*
00OD14P	OCIO	004-096	310	O	OD14P	B8/E0	*
00OD15N	OCIO	004-096	204	O	OD15N	B8/E0	*
00OD15P	OCIO	004-096	304	O	OD15P	B8/E0	*
00OD16N	OCIO	004-096	455	O	OD16N	B8/E0	*
00OD16P	OCIO	004-096	555	O	OD16P	B8/E0	*

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10	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLC	XT
000D17N	0C10		004-096	449	O	OD17N	B8/E0	*
000D17P	0C10		004-096	549	O	OD17P	B8/E0	*
000D18N	0C10		004-096	442	O	OD18N	B8/E0	*
000D18P	0C10		004-096	542	O	OD18P	B8/E0	*
000D19N	0C10		004-096	436	O	OD19N	B8/E0	*
000D19P	0C10		004-096	536	O	OD19P	B8/E0	*
000D20N	0C10		004-096	423	O	OD20N	B8/E0	*
000D20P	0C10		004-096	523	O	OD20P	B8/E0	*
000D21N	0C10		004-096	417	O	OD21N	B8/E0	*
000D21P	0C10		004-096	517	O	OD21P	B8/E0	*
000D22N	0C10		004-096	410	O	OD22N	B8/E0	*
000D22P	0C10		004-096	510	O	OD22P	B8/E0	*
000D2N	0C10		004-096	042	O	OD2N	B8/E0	*
000D2P	0C10		004-096	142	O	OD2P	B8/E0	*
000D3N	0C10		004-096	036	O	OD3N	B8/E0	*
000D3P	0C10		004-096	136	O	OD3P	B8/E0	*
000D4N	0C10		004-096	023	O	OD4N	B8/E0	*
000D4P	0C10		004-096	123	O	OD4P	B8/E0	*
000D5N	0C10		004-096	017	O	OD5N	B8/E0	*
000D5P	0C10		004-096	117	O	OD5P	B8/E0	*
000D6N	0C10		004-096	010	O	OD6N	B8/E0	*
000D6P	0C10		004-096	110	O	OD6P	B8/E0	*
000D7N	0C10		004-096	004	O	OD7N	B8/E0	*
000D7P	0C10		004-096	104	O	OD7P	B8/E0	*
000D8N	0C10		004-096	255	O	OD8N	B8/E0	*
000D8P	0C10		004-096	355	O	OD8P	B8/E0	*
000D9N	0C10		004-096	249	O	OD9N	B8/E0	*
000D9P	0C10		004-096	349	O	OD9P	B8/E0	*
00PB10N	0D10		004-130	102	I	0PBIN	B11/E0	*
00PB10NL	0TSI-SP		004-144	152	I	DSUAIN	B13/E1	
00PB10NL	0DSC		004-168	303	O	PB10N	B15/E0	
00PB10P	0D10		004-130	002	I	0PBIP	B11/E0	*
00PB10PL	0TSI-SP		004-144	052	I	DSUAIP	B13/E1	
00PB10PL	0DSC		004-168	203	O	PB10P	B15/E0	
00PB110N	0D10		004-130	147	I	10PBIN	B11/E0	*
00PB110P	0D10		004-130	047	I	10PBIP	B11/E0	*
00PB111N	0D10		004-130	153	I	11PBIN	B11/E0	*
00PB111P	0D10		004-130	053	I	11PBIP	B11/E0	*
00PB112N	0D10		004-130	334	I	12PBIN	B11/E0	*
00PB112P	0D10		004-130	234	I	12PBIP	B11/E0	*
00PB113N	0D10		004-130	340	I	13PBIN	B11/E0	*
00PB113P	0D10		004-130	240	I	13PBIP	B11/E0	*
00PB114N	0D10		004-130	347	I	14PBIN	B11/E0	*
00PB114P	0D10		004-130	247	I	14PBIP	B11/E0	*
00PB115N	0D10		004-130	353	I	15PBIN	B11/E0	*
00PB115P	0D10		004-130	253	I	15PBIP	B11/E0	*
00PB11N	0D10		004-130	108	I	1PBIN	B11/E0	*
00PB11NL	0TSI-SP		004-144	146	I	DSUBIN	B13/E1	
00PB11NL	004-173		004-173	034	IO		B13/B4	*

11	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
00PBI1P	ODIO		004-130	008	I	1PBIP	B11/E0	*
00PBI1PL	OTSI-SP		004-144	046	I	DSUBIP	B13/E1	
00PBI1PL	004-172		004-172	034	IO		B13/B4	*
00PBI2N	ODIO		004-130	115	I	2PBIN	B11/E0	*
00PBI2P	ODIO		004-130	015	I	2PBIP	B11/E0	*
00PBI3N	ODIO		004-130	121	I	3PBIN	B11/E0	*
00PBI3P	ODIO		004-130	021	I	3PBIP	B11/E0	*
00PBI4N	ODIO		004-130	302	I	4PBIN	B11/E0	*
00PBI4P	ODIO		004-130	202	I	4PBIP	B11/E0	*
00PBI5N	ODIO		004-130	308	I	5PBIN	B11/E0	*
00PBI5P	ODIO		004-130	208	I	5PBIP	B11/E0	*
00PBI6N	ODIO		004-130	315	I	6PBIN	B11/E0	*
00PBI6P	ODIO		004-130	215	I	6PBIP	B11/E0	*
00PBI7N	ODIO		004-130	321	I	7PBIN	B11/E0	*
00PBI7P	ODIO		004-130	221	I	7PBIP	B11/E0	*
00PBI8N	ODIO		004-130	134	I	8PBIN	B11/E0	*
00PBI8P	ODIO		004-130	034	I	8PBIP	B11/E0	*
00PBI9N	ODIO		004-130	140	I	9PBIN	B11/E0	*
00PBI9P	ODIO		004-130	040	I	9PBIP	B11/E0	*
00PBO0N	ODIO		004-130	101	O	0PBON	B11/E0	*
00PBO0NL	OTSI-SP		004-144	151	O	DSUAON	B13/E1	
00PBO0NL	ODSC		004-168	302	IO	PBOON	B15/E0	
00PBO0P	ODIO		004-130	001	O	0PBOP	B11/E0	*
00PBO0PL	OTSI-SP		004-144	051	O	DSUAOP	B13/E1	
00PBO0PL	ODSC		004-168	202	IO	PBOOP	B15/E0	
00PBO10N	ODIO		004-130	146	O	10PBON	B11/E0	*
00PBO10P	ODIO		004-130	046	O	10PBOP	B11/E0	*
00PBO11N	ODIO		004-130	152	O	11PBON	B11/E0	*
00PBO11P	ODIO		004-130	052	O	11PBOP	B11/E0	*
00PBO12N	ODIO		004-130	333	O	12PBON	B11/E0	*
00PBO12P	ODIO		004-130	233	O	12PBOP	B11/E0	*
00PBO13N	ODIO		004-130	339	O	13PBON	B11/E0	*
00PBO13P	ODIO		004-130	239	O	13PBOP	B11/E0	*
00PBO14N	ODIO		004-130	346	O	14PBON	B11/E0	*
00PBO14P	ODIO		004-130	246	O	14PBOP	B11/E0	*
00PBO15N	ODIO		004-130	352	O	15PBON	B11/E0	*
00PBO15P	ODIO		004-130	252	O	15PBOP	B11/E0	*
00PBO1N	ODIO		004-130	107	O	1PBON	B11/E0	*
00PBO1NL	OTSI-SP		004-144	145	O	DSUBON	B13/E1	
00PBO1NL	004-173		004-173	033	IO		B13/G7	*
00PBO1P	ODIO		004-130	007	O	1PBOP	B11/E0	*
00PBO1PL	OTSI-SP		004-144	045	O	DSUBOP	B13/E1	
00PBO1PL	004-172		004-172	033	IO		B13/G7	*
00PBO2N	ODIO		004-130	114	O	2PBON	B11/E0	*
00PBO2P	ODIO		004-130	014	O	2PBOP	B11/E0	*
00PBO3N	ODIO		004-130	120	O	3PBON	B11/E0	*
00PBO3P	ODIO		004-130	020	O	3PBOP	B11/E0	*
00PBO4N	ODIO		004-130	301	O	4PBON	B11/E0	*
00PBO4P	ODIO		004-130	201	O	4PBOP	B11/E0	*
00PBO5N	ODIO		004-130	307	O	5PBON	B11/E0	*

12	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
00PBO5P	ODIO	004-130	207	O	5PBOP	B11/E0	*
00PBO6N	ODIO	004-130	314	O	6PBON	B11/E0	*
00PBO6P	ODIO	004-130	214	O	6PBOP	B11/E0	*
00PBO7N	ODIO	004-130	320	O	7PBON	B11/E0	*
00PBO7P	ODIO	004-130	220	O	7PBOP	B11/E0	*
00PBO8N	ODIO	004-130	133	O	8PBON	B11/E0	*
00PBO8P	ODIO	004-130	033	O	8PBOP	B11/E0	*
00PBO9N	ODIO	004-130	139	O	9PBON	B11/E0	*
00PBO9P	ODIO	004-130	039	O	9PBOP	B11/E0	*
00PBRDAN	OPI	004-112	141	I	0PBRDAN	B10/E0	*
00PBRDAP	OPI	004-112	041	I	0PBRDAP	B10/E0	*
00PBT DAN	OPI	004-112	143	O	0PBTDAN	B10/E0	*
00PBTDAP	OPI	004-112	043	O	0PBTDAP	B10/E0	*
00PBTDBN	OPI	004-112	142	O	0PBTDEN	B10/E0	*
00PBTDBP	OPI	004-112	042	O	0PBTDEN	B10/E0	*
00PCTS0N	OPI	004-112	136	IO	0PBCTS0N	B10/E0	*
00PCTS0P	OPI	004-112	036	IO	0PBCTS0P	B10/E0	*
00PRTS0N	OPI	004-112	137	IO	0PBRTS0N	B10/E0	*
00PRTS0P	OPI	004-112	037	IO	0PBRTS0P	B10/E0	*
00PRXC1N	OPI	004-112	139	I	0PBRXCIN	B10/E0	*
00PRXC1N	OPI	004-112	140	IO	0PBRXCIN	B10/E0	*
00PRXC1P	OPI	004-112	039	I	0PBRXCIP	B10/E0	*
00PRXC1P	OPI	004-112	040	IO	0PBRXCIP	B10/E0	*
00PRXD0N	OPI	004-112	138	IO	0PBRXD0N	B10/E0	*
00PRXD0P	OPI	004-112	038	IO	0PBRXD0P	B10/E0	*
00PTXC0N	OPI	004-112	135	IO	0PBTXC0N	B10/E0	*
00PTXC0P	OPI	004-112	035	IO	0PBTXC0P	B10/E0	*
00PTXD1N	OPI	004-112	134	IO	0PEDATAN	B10/E0	*
00PTXD1P	OPI	004-112	034	IO	0PEDATAP	B10/E0	*
00S0N	OCIO	004-096	053	O	S0N	B8/E0	*
00S0N	ODSC	004-168	253	I	S0N	B15/E0	
00S0P	OCIO	004-096	153	O	S0P	B8/E0	*
00S0P	ODSC	004-168	353	I	S0P	B15/E0	
00S10N	OCIO	004-096	240	O	S10N	B8/E0	*
00S10P	OCIO	004-096	340	O	S10P	B8/E0	*
00S11N	OCIO	004-096	234	O	S11N	B8/E0	*
00S11P	OCIO	004-096	334	O	S11P	B8/E0	*
00S12N	OCIO	004-096	221	O	S12N	B8/E0	*
00S12P	OCIO	004-096	321	O	S12P	B8/E0	*
00S13N	OCIO	004-096	215	O	S13N	B8/E0	*

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE	ISSUE
C2	17B

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13 LEAD INDEX (CONTINUED)							
LDDESIG	FDDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
00S13P	OCIO		004-096	315	O	S13P	B8/E0 *
00S14N	OCIO		004-096	208	O	S14N	B8/E0 *
00S14P	OCIO		004-096	308	O	S14P	B8/E0 *
00S15N	OCIO		004-096	202	O	S15N	B8/E0 *
00S15P	OCIO		004-096	302	O	S15P	B8/E0 *
00S16N	OCIO		004-096	453	O	S16N	B8/E0 *
00S16P	OCIO		004-096	553	O	S16P	B8/E0 *
00S17N	OCIO		004-096	447	O	S17N	B8/E0 *
00S17P	OCIO		004-096	547	O	S17P	B8/E0 *
00S18N	OCIO		004-096	440	O	S18N	B8/E0 *
00S18P	OCIO		004-096	540	O	S18P	B8/E0 *
00S19N	OCIO		004-096	434	O	S19N	B8/E0 *
00S19P	OCIO		004-096	534	O	S19P	B8/E0 *
00S20N	OCIO		004-096	421	O	S20N	B8/E0 *
00S20P	OCIO		004-096	521	O	S20P	B8/E0 *
00S21N	OCIO		004-096	415	O	S21N	B8/E0 *
00S21P	OCIO		004-096	515	O	S21P	B8/E0 *
00S22N	OCIO		004-096	408	O	S22N	B8/E0 *
00S22P	OCIO		004-096	508	O	S22P	B8/E0 *
00S2N	OCIO		004-096	040	O	S2N	B8/E0 *
00S2P	OCIO		004-096	140	O	S2P	B8/E0 *
00S3N	OCIO		004-096	034	O	S3N	B8/E0 *
00S3P	OCIO		004-096	134	O	S3P	B8/E0 *
00S4N	OCIO		004-096	021	O	S4N	B8/E0 *
00S4P	OCIO		004-096	121	O	S4P	B8/E0 *
00S5N	OCIO		004-096	015	O	S5N	B8/E0 *
00S5P	OCIO		004-096	115	O	S5P	B8/E0 *
00S6N	OCIO		004-096	008	O	S6N	B8/E0 *
00S6P	OCIO		004-096	108	O	S6P	B8/E0 *
00S7N	OCIO		004-096	002	O	S7N	B8/E0 *
00S7P	OCIO		004-096	102	O	S7P	B8/E0 *
00S8N	OCIO		004-096	253	O	S8N	B8/E0 *
00S8P	OCIO		004-096	353	O	S8P	B8/E0 *
00S9N	OCIO		004-096	247	O	S9N	B8/E0 *
00S9P	OCIO		004-096	347	O	S9P	B8/E0 *
00SY8KH0	OTSI-SP		004-144	308	I	DLI08K	B13/E1
00SY8KH0	ODLI		004-156	304	O	OSYN8KH	B14/E0
00SY8KH1	004-153		004-153	001	IO		B14/F4 *
00SY8KH1	ODLI		004-156	305	O	1SYN8KH	B14/E0
00TSCPI	004-033		004-033	019	IO		B14/B4 *
00TSCPI	ODLI		004-156	217	I	ATCFI	B14/E0
00TSIA0P	OTSI-SP		004-144	013	O	DLI0AN3O	B13/E1
00TSIA0P	ODLI		004-156	017	I	ATPTSIO	B14/E0
00TSIA0X	OTSI-SP		004-144	313	O	DLI0AN0O	B13/E1
00TSIA0X	ODLI		004-156	020	I	ATXTSIO	B14/E0
00TSIA0Y	OTSI-SP		004-144	213	O	DLI0AN1O	B13/E1
00TSIA0Y	ODLI		004-156	019	I	ATYTSIO	B14/E0
00TSIA0Z	OTSI-SP		004-144	113	O	DLI0AN2O	B13/E1
00TSIA0Z	ODLI		004-156	018	I	ATZTSIO	B14/E0
00TSIA1P	OTSI-SP		004-144	005	O	DLI1AN3O	B13/E1
00TSIA1P	004-152		004-152	008	IO		B13/G6 *
00TSIA1X	OTSI-SP		004-144	305	O	DLI1AN0O	B13/E1

14 LEAD INDEX (CONTINUED)							
LDDESIG	FDDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
00TSIA1X	004-152		004-152	011	IO		B13/G6 *
00TSIA1Y	OTSI-SP		004-144	205	O	DLI1AN1O	B13/E1
00TSIA1Y	004-152		004-152	010	IO		B13/G6 *
00TSIA1Z	OTSI-SP		004-144	105	O	DLI1AN2O	B13/E1
00TSIA1Z	004-152		004-152	009	IO		B13/G6 *
00TSIB0P	OTSI-SP		004-144	010	O	DLI0BN3O	B13/E1
00TSIB0P	ODLI		004-156	013	I	BTPTSIO	B14/E0
00TSIB0X	OTSI-SP		004-144	310	O	DLI0BN0O	B13/E1
00TSIB0X	ODLI		004-156	016	I	BTXTSIO	B14/E0
00TSIB0Y	OTSI-SP		004-144	210	O	DLI0BN1O	B13/E1
00TSIB0Y	ODLI		004-156	015	I	BTYTSIO	B14/E0
00TSIB0Z	OTSI-SP		004-144	110	O	DLI0BN2O	B13/E1
00TSIB0Z	ODLI		004-156	014	I	BTZTSIO	B14/E0
00TSIB1P	OTSI-SP		004-144	003	O	DLI1BN3O	B13/E1
00TSIB1P	004-152		004-152	004	IO		B13/G6 *
00TSIB1X	OTSI-SP		004-144	303	O	DLI1BN0O	B13/E1
00TSIB1X	004-152		004-152	007	IO		B13/G7 *
00TSIB1Y	OTSI-SP		004-144	203	O	DLI1BN1O	B13/E1
00TSIB1Y	004-152		004-152	006	IO		B13/G6 *
00TSIB1Z	OTSI-SP		004-144	103	O	DLI1BN2O	B13/E1
00TSIB1Z	004-152		004-152	005	IO		B13/G6 *
010ACPI	004-152		004-152	056	IO		B14/F5 *
010ACPI	ODLI		004-156	238	O	ACPIMP1	B14/E0
010ADLIR	004-152		004-152	038	IO		B14/F5 *
010ADLIR	ODLI		004-156	156	O	ARMTDMP1	B14/E0
010ADLIT	004-152		004-152	043	IO		B14/B5 *
010ADLIT	ODLI		004-156	154	I	ATMTDMP1	B14/E0
010APAR	004-153		004-153	038	IO		B14/F5 *
010APAR	ODLI		004-156	155	O	ARMTFMP1	B14/E0
010APART	004-153		004-153	043	IO		B14/B5 *
010APART	ODLI		004-156	153	I	ATMTFMP1	B14/E0
010BCPI	004-153		004-153	056	IO		B14/F5 *
010BCPI	ODLI		004-156	237	O	BCFIMP1	B14/E0
010BDLIR	004-152		004-152	036	IO		B14/F5 *
010BDLIR	ODLI		004-156	136	O	BRMTDMP1	B14/E0
010BDLIT	004-152		004-152	041	IO		B14/B5 *
010BDLIT	ODLI		004-156	134	I	BTMTDMP1	B14/E0
010BPAR	004-153		004-153	036	IO		B14/F5 *
010BPAR	ODLI		004-156	135	O	BRMTFMP1	B14/E0
010BPART	004-153		004-153	041	IO		B14/B5 *
010BPART	ODLI		004-156	133	I	BTMTFMP1	B14/E0
010CON	ODSC		004-168	054	I	C1N	B15/E0 *
010CON	004-172		004-172	054	IO		B15/B6 *
010COP	ODSC		004-168	154	I	C1P	B15/E0 *
010COP	004-173		004-173	054	IO		B15/B6 *
010DLIGO	004-153		004-153	034	IO		B14/B4 *
010DLIGO	ODLI		004-156	145	I	1MPG0	B14/E0
010DLIIN	004-152		004-152	033	IO		B14/F4 *
010DLIIN	ODLI		004-156	148	O	1MPOUT	B14/E0
010DLIW	004-152		004-152	052	IO		B14/F6 *
010DLIW	ODLI		004-156	319	O	SCW1	B14/E0
010DLIX	004-033		004-033	051	IO		B14/F6 *
010DLIX	ODLI		004-156	344	O	SCX1	B14/E0
010DLIY	004-153		004-153	053	IO		B14/F6 *
010DLIY	ODLI		004-156	233	O	SCY1	B14/E0
010IDON	ODSC		004-168	056	O	ID1N	B15/E0 *
010IDON	004-172		004-172	056	IO		B15/F7 *
010IDOP	ODSC		004-168	156	O	ID1P	B15/E0 *
010IDOP	004-173		004-173	056	IO		B15/F7 *
010INTOP	ODSC		004-168	152	O	NINT1P	B15/E0 *
010INTOP	004-173		004-173	052	IO		B15/F8 *
010LIACT	004-152		004-152	034	IO		B14/B5 *
010LIACT	ODLI		004-156	144	I	1MPACT	B14/E0

15 LEAD INDEX (CONTINUED)							
LDDESIG	FDDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
010LIC48	004-152		004-152	002	IO		B14/F6 *
010LIC48	ODLI		004-156	047	O	MTSCKMP1	B14/E0
010LICK8	004-152		004-152	001	IO		B14/F2 *
010LICK8	ODLI		004-156	046	O	CPICKMP1	B14/E0
010LICLK	004-153		004-153	032	IO		B14/B4 *
010LICLK	ODLI		004-156	143	I	1MPCK	B14/E0
010LIDGN	004-152		004-152	055	IO		B14/B6 *
010LIDGN	ODLI		004-156	239	I	DGN1	B14/E0
010LIERR	004-152		004-152	035	IO		B14/F4 *
010LIERR	ODLI		004-156	147	O	1MPINT	B14/E0
010LICOOS	004-153		004-153	054	IO		B14/B5 *
010LICOOS	ODLI		004-156	317	I	00S1	B14/E0
010LICOUT	004-153		004-153	033	IO		B14/B4 *
010LICOUT	ODLI		004-156	146	I	1MPDATA	B14/E0
010LIRQP	004-152		004-152	054	IO		B14/B6 *
010LIRQP	ODLI		004-156	355	I	RQIP1	B14/E0
010ODON	ODSC		004-168	055	O	OD1N	B15/E0 *
010ODON	004-172		004-172	055	IO		B15/F8 *
010ODOP	ODSC		004-168	155	O	OD1P	B15/E0 *
010ODOP	004-173		004-173	055	IO		B15/F8 *
010SON	ODSC		004-168	053	I	S1N	B15/E0 *
010SON	004-172		004-172	053	IO		B15/B5 *
010SOP	ODSC		004-168	153	I	S1P	B15/E0 *
010SOP	004-173		004-173	053	IO		B15/B6 *
010SYN6M	OTSI-SP		004-144	015	I	DLI16M	B13/E1
010SYN6M	004-152		004-152	016	IO		B13/B4 *
010SYN6M	ODLI		004-156	002	I	6MSIN	B14/E0
014MC0N	ODI1		004-138	104	O	04MCN	B12/E0 *
014MC0NL	ODSC		004-168	105	IO	4MC1N	B15/E0 *
014MC0NL	004-173		004-173	043	IO		B15/F5 *
014MC0P	ODI1		004-138	004	O	04MCP	B12/E0 *
014MC0PL	ODSC		004-168	005	IO	4MC1P	B15/E0 *
014MC0PL	004-172		004-172	043	I		B15/F5 *
014MC10N	ODI1		004-138	149	O	104MCN	B12/E0 *
014MC10P	ODI1		004-138	049	O	104MCP	B12/E0 *
014MC11N	ODI1		004-138	155	O	114MCN	B12/E0 *
014MC11P	ODI1		004-138	055	O	114MCP	B12/E0 *
014MC12N	ODI1		004-138	336	O	124MCN	B12/E0 *
014MC12P	ODI1		004-138	236	O	124MCP	B12/E0 *
014MC13N	ODI1		004-138	342	O	134MCN	B12/E0 *
014MC13P	ODI1		004-138	242	O	134MCP	B12/E0 *
014MC14N	ODI1		004-138	349	O	144MCN	B12/E0 *
014MC14P	ODI1		004-138	249	O	144MCP	B12/E0 *
014MC15N	0APPL1		004-088	348	I	PIDBCKN	B7/E1
014MC15N	ODI1		004-138	355	O	154MCN	B12/E0
014MC15P	0APPL1		004-088	248	I	PIDBCKP	B7/E1
014MC15P	ODI1		004-138	255	O	154MCP	B12/E0

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16 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
014MC1N	ODI1		004-138	110	O	14MCN	B12/E0 *
014MC1P	ODI1		004-138	010	O	14MCP	B12/E0 *
014MC2N	ODI1		004-138	117	O	24MCN	B12/E0 *
014MC2P	ODI1		004-138	017	O	24MCP	B12/E0 *
014MC3N	ODI1		004-138	123	O	34MCN	B12/E0 *
014MC3P	ODI1		004-138	023	O	34MCP	B12/E0 *
014MC4N	ODI1		004-138	304	O	44MCN	B12/E0 *
014MC4P	ODI1		004-138	204	O	44MCP	B12/E0 *
014MC5N	ODI1		004-138	310	O	54MCN	B12/E0 *
014MC5P	ODI1		004-138	210	O	54MCP	B12/E0 *
014MC6N	ODI1		004-138	317	O	64MCN	B12/E0 *
014MC6P	ODI1		004-138	217	O	64MCP	B12/E0 *
014MC7N	ODI1		004-138	323	O	74MCN	B12/E0 *
014MC7P	ODI1		004-138	223	O	74MCP	B12/E0 *
014MC8N	ODI1		004-138	136	O	84MCN	B12/E0 *
014MC8P	ODI1		004-138	036	O	84MCP	B12/E0 *
014MC9N	ODI1		004-138	142	O	94MCN	B12/E0 *
014MC9P	ODI1		004-138	042	O	94MCP	B12/E0 *
018KS0N	ODI1		004-138	103	O	08KSN	B12/E0 *
018KS0NL	ODSC		004-168	104	IO	8KS1N	B15/E0
018KS0NL	004-173		004-173	041	IO		B15/F5 *
018KS0P	ODI1		004-138	003	O	08KSP	B12/E0 *
018KS0PL	ODSC		004-168	004	IO	8KS1P	B15/E0
018KS0PL	004-172		004-172	041	IO		B15/F5 *
018KS10N	ODI1		004-138	148	O	108KSN	B12/E0 *
018KS10P	ODI1		004-138	048	O	108KSP	B12/E0 *
018KS11N	ODI1		004-138	154	O	118KSN	B12/E0 *
018KS11P	ODI1		004-138	054	O	118KSP	B12/E0 *
018KS12N	ODI1		004-138	335	O	128KSN	B12/E0 *
018KS12P	ODI1		004-138	235	O	128KSP	B12/E0 *
018KS13N	ODI1		004-138	341	O	138KSN	B12/E0 *
018KS13P	ODI1		004-138	241	O	138KSP	B12/E0 *
018KS14N	ODI1		004-138	348	O	148KSN	B12/E0 *
018KS14P	ODI1		004-138	248	O	148KSP	B12/E0 *
018KS15N	0APPL1		004-088	347	I	PIDB8KN	B7/E1
018KS15N	ODI1		004-138	354	O	158KSN	B12/E0
018KS15P	0APPL1		004-088	247	I	PIDB8KP	B7/E1
018KS15P	ODI1		004-138	254	O	158KSP	B12/E0
018KS1N	ODI1		004-138	109	O	18KSN	B12/E0 *
018KS1P	ODI1		004-138	009	O	18KSP	B12/E0 *
018KS2N	ODI1		004-138	116	O	28KSN	B12/E0 *
018KS2P	ODI1		004-138	016	O	28KSP	B12/E0 *
018KS3N	ODI1		004-138	122	O	38KSN	B12/E0 *
018KS3P	ODI1		004-138	022	O	38KSP	B12/E0 *
018KS4N	ODI1		004-138	303	O	48KSN	B12/E0 *
018KS4P	ODI1		004-138	203	O	48KSP	B12/E0 *
018KS5N	ODI1		004-138	309	O	58KSN	B12/E0 *
018KS5P	ODI1		004-138	209	O	58KSP	B12/E0 *
018KS6N	ODI1		004-138	316	O	68KSN	B12/E0 *
018KS6P	ODI1		004-138	216	O	68KSP	B12/E0 *

17 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
018KS7N	ODI1		004-138	322	O	78KSN	B12/E0 *
018KS7P	ODI1		004-138	222	O	78KSP	B12/E0 *
018KS8N	ODI1		004-138	135	O	88KSN	B12/E0 *
018KS8P	ODI1		004-138	035	O	88KSP	B12/E0 *
018KS9N	ODI1		004-138	141	O	98KSN	B12/E0 *
018KS9P	ODI1		004-138	041	O	98KSP	B12/E0 *
018MH0CK	0TSI-SP		004-144	108	I	DLI18M	B13/E1
018MH0CK	004-153		004-153	015	IO		B13/B4 *
01ADLI0P	0TSI-SP		004-144	004	I	DLI1AN3	B13/E1
01ADLI0P	004-152		004-152	017	IO		B13/B5 *
01ADLI0X	0TSI-SP		004-144	304	I	DLI1AN0	B13/E1
01ADLI0X	004-152		004-152	020	IO		B13/B5 *
01ADLI0Y	0TSI-SP		004-144	204	I	DLI1AN1	B13/E1
01ADLI0Y	004-152		004-152	019	IO		B13/B5 *
01ADLI0Z	0TSI-SP		004-144	104	I	DLI1AN2	B13/E1
01ADLI0Z	004-152		004-152	018	IO		B13/B5 *
01BDLI0P	0TSI-SP		004-144	002	I	DLI1BN3	B13/E1
01BDLI0P	004-152		004-152	021	IO		B13/B5 *
01BDLI0X	0TSI-SP		004-144	302	I	DLI1BN0	B13/E1
01BDLI0X	004-152		004-152	024	IO		B13/B5 *
01BDLI0Y	0TSI-SP		004-144	202	I	DLI1BN1	B13/E1
01BDLI0Y	004-152		004-152	023	IO		B13/B5 *
01BDLI0Z	0TSI-SP		004-144	102	I	DLI1BN2	B13/E1
01BDLI0Z	004-152		004-152	022	IO		B13/B5 *
01C0N	0CI1		004-104	054	O	C0N	B9/E0 *
01C0P	0CI1		004-104	154	O	C0P	B9/E0 *
01C10N	0CI1		004-104	241	O	C10N	B9/E0 *
01C10P	0CI1		004-104	341	O	C10P	B9/E0 *
01C11N	0CI1		004-104	235	O	C11N	B9/E0 *
01C11P	0CI1		004-104	335	O	C11P	B9/E0 *
01C12N	0CI1		004-104	222	O	C12N	B9/E0 *
01C12P	0CI1		004-104	322	O	C12P	B9/E0 *
01C13N	0CI1		004-104	216	O	C13N	B9/E0 *
01C13P	0CI1		004-104	316	O	C13P	B9/E0 *
01C14N	0CI1		004-104	209	O	C14N	B9/E0 *
01C14P	0CI1		004-104	309	O	C14P	B9/E0 *
01C15N	0CI1		004-104	203	O	C15N	B9/E0 *
01C15P	0CI1		004-104	303	O	C15P	B9/E0 *
01C16N	0CI1		004-104	454	O	C16N	B9/E0 *
01C16P	0CI1		004-104	554	O	C16P	B9/E0 *
01C17N	0CI1		004-104	448	O	C17N	B9/E0 *
01C17P	0CI1		004-104	548	O	C17P	B9/E0 *
01C18N	0CI1		004-104	441	O	C18N	B9/E0 *
01C18P	0CI1		004-104	541	O	C18P	B9/E0 *
01C19N	0CI1		004-104	435	O	C19N	B9/E0 *
01C19P	0CI1		004-104	535	O	C19P	B9/E0 *
01C1N	0CI1		004-104	048	O	C1N	B9/E0 *
01C1P	0CI1		004-104	148	O	C1P	B9/E0 *
01C20N	0CI1		004-104	422	O	C20N	B9/E0 *
01C20P	0CI1		004-104	522	O	C20P	B9/E0 *
01C21N	0CI1		004-104	416	O	C21N	B9/E0 *
01C21P	0CI1		004-104	516	O	C21P	B9/E0 *

18 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
01C22N	0CI1		004-104	409	O	C22N	B9/E0 *
01C22P	0CI1		004-104	509	O	C22P	B9/E0 *
01C2N	0CI1		004-104	041	O	C2N	B9/E0 *
01C2P	0CI1		004-104	141	O	C2P	B9/E0 *
01C3N	0CI1		004-104	035	O	C3N	B9/E0 *
01C3P	0CI1		004-104	135	O	C3P	B9/E0 *
01C4N	0CI1		004-104	022	O	C4N	B9/E0 *
01C4P	0CI1		004-104	122	O	C4P	B9/E0 *
01C5N	0CI1		004-104	016	O	C5N	B9/E0 *
01C5P	0CI1		004-104	116	O	C5P	B9/E0 *
01C6N	0CI1		004-104	009	O	C6N	B9/E0 *
01C6P	0CI1		004-104	109	O	C6P	B9/E0 *
01C7N	0CI1		004-104	003	O	C7N	B9/E0 *
01C7P	0CI1		004-104	103	O	C7P	B9/E0 *
01C8N	0CI1		004-104	254	O	C8N	B9/E0 *
01C8P	0CI1		004-104	354	O	C8P	B9/E0 *
01C9N	0CI1		004-104	248	O	C9N	B9/E0 *
01C9P	0CI1		004-104	348	O	C9P	B9/E0 *
01CPIDAT	004-050		004-050	522	O		B19/B4 *
01CPIDAT	004-055		004-055	022	O		B19/B5 *
01ID0N	0CI1		004-104	056	I	ID0N	B9/E0 *
01ID0P	0CI1		004-104	156	I	ID0P	B9/E0 *
01ID10N	0CI1		004-104	243	I	ID10N	B9/E0 *
01ID10P	0CI1		004-104	343	I	ID10P	B9/E0 *
01ID11N	0CI1		004-104	237	I	ID11N	B9/E0 *
01ID11P	0CI1		004-104	337	I	ID11P	B9/E0 *
01ID12N	0CI1		004-104	224	I	ID12N	B9/E0 *
01ID12P	0CI1		004-104	324	I	ID12P	B9/E0 *
01ID13N	0CI1		004-104	218	I	ID13N	B9/E0 *
01ID13P	0CI1		004-104	318	I	ID13P	B9/E0 *
01ID14N	0CI1		004-104	211	I	ID14N	B9/E0 *
01ID14P	0CI1		004-104	311	I	ID14P	B9/E0 *
01ID15N	0CI1		004-104	205	I	ID15N	B9/E0 *
01ID15P	0CI1		004-104	305	I	ID15P	B9/E0 *
01ID16N	0CI1		004-104	456	I	ID16N	B9/E0 *
01ID16P	0CI1		004-104	556	I	ID16P	B9/E0 *
01ID17N	0CI1		004-104	450	I	ID17N	B9/E0 *
01ID17P	0CI1		004-104	550	I	ID17P	B9/E0 *

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19 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
01ID18N	0CI1		004-104	443	I ID18N	B9/E0	*
01ID18P	0CI1		004-104	543	I ID18P	B9/E0	*
01ID19N	0CI1		004-104	437	I ID19N	B9/E0	*
01ID19P	0CI1		004-104	537	I ID19P	B9/E0	*
01ID1N	0CI1		004-104	050	I ID1N	B9/E0	*
01ID1P	0CI1		004-104	150	I ID1P	B9/E0	*
01ID20N	0CI1		004-104	424	I ID20N	B9/E0	*
01ID20P	0CI1		004-104	524	I ID20P	B9/E0	*
01ID21N	0CI1		004-104	418	I ID21N	B9/E0	*
01ID21P	0CI1		004-104	518	I ID21P	B9/E0	*
01ID22N	0CI1		004-104	411	I ID22N	B9/E0	*
01ID22P	0CI1		004-104	511	I ID22P	B9/E0	*
01ID2N	0CI1		004-104	043	I ID2N	B9/E0	*
01ID2P	0CI1		004-104	143	I ID2P	B9/E0	*
01ID3N	0CI1		004-104	037	I ID3N	B9/E0	*
01ID3P	0CI1		004-104	137	I ID3P	B9/E0	*
01ID4N	0CI1		004-104	024	I ID4N	B9/E0	*
01ID4P	0CI1		004-104	124	I ID4P	B9/E0	*
01ID5N	0CI1		004-104	018	I ID5N	B9/E0	*
01ID5P	0CI1		004-104	118	I ID5P	B9/E0	*
01ID6N	0CI1		004-104	011	I ID6N	B9/E0	*
01ID6P	0CI1		004-104	111	I ID6P	B9/E0	*
01ID7N	0CI1		004-104	005	I ID7N	B9/E0	*
01ID7P	0CI1		004-104	105	I ID7P	B9/E0	*
01ID8N	0CI1		004-104	256	I ID8N	B9/E0	*
01ID8P	0CI1		004-104	356	I ID8P	B9/E0	*
01ID9N	0CI1		004-104	250	I ID9N	B9/E0	*
01ID9P	0CI1		004-104	350	I ID9P	B9/E0	*
01INT0P	0CI1		004-104	152	I NINT0P	B9/E0	*
01INT10P	0CI1		004-104	339	I NINT10P	B9/E0	*
01INT11P	0CI1		004-104	333	I NINT11P	B9/E0	*
01INT12P	0CI1		004-104	320	I NINT12P	B9/E0	*
01INT13P	0CI1		004-104	314	I NINT13P	B9/E0	*
01INT14P	0CI1		004-104	307	I NINT14P	B9/E0	*
01INT15P	0CI1		004-104	301	I NINT15P	B9/E0	*
01INT16P	0CI1		004-104	552	I NINT16P	B9/E0	*
01INT17P	0CI1		004-104	546	I NINT17P	B9/E0	*
01INT18P	0CI1		004-104	539	I NINT18P	B9/E0	*
01INT19P	0CI1		004-104	533	I NINT19P	B9/E0	*
01INT1P	0CI1		004-104	146	I NINT1P	B9/E0	*
01INT20P	0CI1		004-104	520	I NINT20P	B9/E0	*
01INT21P	0CI1		004-104	514	I NINT21P	B9/E0	*
01INT22P	0CI1		004-104	507	I NINT22P	B9/E0	*
01INT2P	0CI1		004-104	139	I NINT2P	B9/E0	*
01INT3P	0CI1		004-104	133	I NINT3P	B9/E0	*
01INT4P	0CI1		004-104	120	I NINT4P	B9/E0	*
01INT5P	0CI1		004-104	114	I NINT5P	B9/E0	*
01INT6P	0CI1		004-104	107	I NINT6P	B9/E0	*

20 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
01INT7P	0CI1		004-104	101	I NINT7P	B9/E0	*
01INT8P	0CI1		004-104	352	I NINT8P	B9/E0	*
01INT9P	0CI1		004-104	346	I NINT9P	B9/E0	*
01MADO0	0MEM2		004-058	042	O MADOUT0	B4/B4	
01MADO0	0MEM3		004-064	040	I MADIN00	B5/E0	
01MADO1	0MEM2		004-058	142	O MADOUT1	B4/B4	
01MADO1	0MEM3		004-064	140	I MADIN01	B5/E0	
01MADO2	0MEM2		004-058	242	O MADOUT2	B4/B4	
01MADO2	0MEM3		004-064	240	I MADIN02	B5/E0	
01MADO3	0MEM2		004-058	342	O MADOUT3	B4/B4	
01MADO3	0MEM3		004-064	340	I MADIN03	B5/E0	
01MADO4	0MEM2		004-058	043	O MADOUT4	B4/B4	
01MADO4	0MEM3		004-064	041	I MADIN04	B5/E0	
01MADO5	0MEM2		004-058	143	O MADOUT5	B4/B4	
01MADO5	0MEM3		004-064	141	I MADIN05	B5/E0	
01MADO6	0MEM2		004-058	243	O MADOUT6	B4/B4	
01MADO6	0MEM3		004-064	241	I MADIN06	B5/E0	
01MADO7	0MEM2		004-058	343	O MADOUT7	B4/B4	
01MADO7	0MEM3		004-064	341	I MADIN07	B5/E0	
01MATE4M	004-153		004-153	000	IO	B14/F4	*
01MATE4M	0DLI		004-156	302	O	4MHZOUT	B14/E0
01MATEEN	004-153		004-153	045	IO	B14/B4	*
01MATEEN	0DLI		004-156	004	I	MATEENIN	B14/E0
01MCK8MH	004-153		004-153	016	IO	B14/B4	*
01MCK8MH	0DLI		004-156	102	I	8MHIN	B14/E0
01OD0N	0CI1		004-104	055	O OD0N	B9/E0	*
01OD0P	0CI1		004-104	155	O OD0P	B9/E0	*
01OD10N	0CI1		004-104	242	O OD10N	B9/E0	*
01OD10P	0CI1		004-104	342	O OD10P	B9/E0	*
01OD11N	0CI1		004-104	236	O OD11N	B9/E0	*
01OD11P	0CI1		004-104	336	O OD11P	B9/E0	*
01OD12N	0CI1		004-104	223	O OD12N	B9/E0	*
01OD12P	0CI1		004-104	323	O OD12P	B9/E0	*
01OD13N	0CI1		004-104	217	O OD13N	B9/E0	*
01OD13P	0CI1		004-104	317	O OD13P	B9/E0	*
01OD14N	0CI1		004-104	210	O OD14N	B9/E0	*
01OD14P	0CI1		004-104	310	O OD14P	B9/E0	*
01OD15N	0CI1		004-104	204	O OD15N	B9/E0	*
01OD15P	0CI1		004-104	304	O OD15P	B9/E0	*
01OD16N	0CI1		004-104	455	O OD16N	B9/E0	*
01OD16P	0CI1		004-104	555	O OD16P	B9/E0	*
01OD17N	0CI1		004-104	449	O OD17N	B9/E0	*
01OD17P	0CI1		004-104	549	O OD17P	B9/E0	*
01OD18N	0CI1		004-104	442	O OD18N	B9/E0	*
01OD18P	0CI1		004-104	542	O OD18P	B9/E0	*
01OD19N	0CI1		004-104	436	O OD19N	B9/E0	*
01OD19P	0CI1		004-104	536	O OD19P	B9/E0	*
01OD1N	0CI1		004-104	049	O OD1N	B9/E0	*
01OD1P	0CI1		004-104	149	O OD1P	B9/E0	*
01OD20N	0CI1		004-104	423	O OD20N	B9/E0	*
01OD20P	0CI1		004-104	523	O OD20P	B9/E0	*
01OD21N	0CI1		004-104	417	O OD21N	B9/E0	*
01OD21P	0CI1		004-104	517	O OD21P	B9/E0	*

21 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
01OD22N	0CI1		004-104	410	O OD22N	B9/E0	*
01OD22P	0CI1		004-104	510	O OD22P	B9/E0	*
01OD2N	0CI1		004-104	042	O OD2N	B9/E0	*
01OD2P	0CI1		004-104	142	O OD2P	B9/E0	*
01OD3N	0CI1		004-104	036	O OD3N	B9/E0	*
01OD3P	0CI1		004-104	136	O OD3P	B9/E0	*
01OD4N	0CI1		004-104	023	O OD4N	B9/E0	*
01OD4P	0CI1		004-104	123	O OD4P	B9/E0	*
01OD5N	0CI1		004-104	017	O OD5N	B9/E0	*
01OD5P	0CI1		004-104	117	O OD5P	B9/E0	*
01OD6N	0CI1		004-104	010	O OD6N	B9/E0	*
01OD6P	0CI1		004-104	110	O OD6P	B9/E0	*
01OD7N	0CI1		004-104	004	O OD7N	B9/E0	*
01OD7P	0CI1		004-104	104	O OD7P	B9/E0	*
01OD8N	0CI1		004-104	255	O OD8N	B9/E0	*
01OD8P	0CI1		004-104	355	O OD8P	B9/E0	*
01OD9N	0CI1		004-104	249	O OD9N	B9/E0	*
01OD9P	0CI1		004-104	349	O OD9P	B9/E0	*
01PBI0N	0DI1		004-138	102	I 0PBIN	B12/E0	*
01PBI0NL	0DSC		004-168	103	O	PBI1N	B15/E0
01PBI0NL	004-173		004-173	040	IO	B15/F6	*
01PBI0P	0DI1		004-138	002	I 0PBIP	B12/E0	*
01PBI0PL	0DSC		004-168	003	O	PBI1P	B15/E0
01PBI0PL	004-172		004-172	040	IO	B15/F6	*
01PBI10N	0DI1		004-138	147	I 10PBIN	B12/E0	*
01PBI10P	0DI1		004-138	047	I 10PBIP	B12/E0	*
01PBI11N	0DI1		004-138	153	I 11PBIN	B12/E0	*
01PBI11P	0DI1		004-138	053	I 11PBIP	B12/E0	*
01PBI12N	0DI1		004-138	334	I 12PBIN	B12/E0	*
01PBI12P	0DI1		004-138	234	I 12PBIP	B12/E0	*
01PBI13N	0DI1		004-138	340	I 13PBIN	B12/E0	*
01PBI13P	0DI1		004-138	240	I 13PBIP	B12/E0	*
01PBI14N	0DI1		004-138	347	I 14PBIN	B12/E0	*
01PBI14P	0DI1		004-138	247	I 14PBIP	B12/E0	*
01PBI15N	0APPL1		004-088	345	O	PIDBON	B7/E1
01PBI15N	0DI1		004-138	353	I 15PBIN	B12/E0	
01PBI15P	0APPL1		004-088	245	O	PIDBOP	B7/E1
01PBI15P	0DI1		004-138	253	I 15PBIP	B12/E0	
01PBI1N	0DI1		004-138	108	I 1PBIN	B12/E0	*
01PBI1P	0DI1		004-138	008	I 1PBIP	B12/E0	*

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22 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
01PBI2N	ODI1		004-138	115	I 2PBIN	B12/E0	*
01PBI2P	ODI1		004-138	015	I 2PBIP	B12/E0	*
01PBI3N	ODI1		004-138	121	I 3PBIN	B12/E0	*
01PBI3P	ODI1		004-138	021	I 3PBIP	B12/E0	*
01PBI4N	ODI1		004-138	302	I 4PBIN	B12/E0	*
01PBI4P	ODI1		004-138	202	I 4PBIP	B12/E0	*
01PBI5N	ODI1		004-138	308	I 5PBIN	B12/E0	*
01PBI5P	ODI1		004-138	208	I 5PBIP	B12/E0	*
01PBI6N	ODI1		004-138	315	I 6PBIN	B12/E0	*
01PBI6P	ODI1		004-138	215	I 6PBIP	B12/E0	*
01PBI7N	ODI1		004-138	321	I 7PBIN	B12/E0	*
01PBI7P	ODI1		004-138	221	I 7PBIP	B12/E0	*
01PBI8N	ODI1		004-138	134	I 8PBIN	B12/E0	*
01PBI8P	ODI1		004-138	034	I 8PBIP	B12/E0	*
01PBI9N	ODI1		004-138	140	I 9PBIN	B12/E0	*
01PBI9P	ODI1		004-138	040	I 9PBIP	B12/E0	*
01PBO0N	ODI1		004-138	101	O 0PBON	B12/E0	*
01PBO0NL	ODSC		004-168	102	IO PBO1N	B15/E0	*
01PBO0NL	004-173		004-173	039	IO	B15/F6	
01PBO0P	ODI1		004-138	001	O 0PBOP	B12/E0	*
01PBO0PL	ODSC		004-168	002	IO PBO1P	B15/E0	*
01PBO0PL	004-172		004-172	039	IO	B15/F6	
01PBO10N	ODI1		004-138	146	O 10PBON	B12/E0	*
01PBO10P	ODI1		004-138	046	O 10PBOP	B12/E0	*
01PBO11N	ODI1		004-138	152	O 11PBON	B12/E0	*
01PBO11P	ODI1		004-138	052	O 11PBOP	B12/E0	*
01PBO12N	ODI1		004-138	333	O 12PBON	B12/E0	*
01PBO12P	ODI1		004-138	233	O 12PBOP	B12/E0	*
01PBO13N	ODI1		004-138	339	O 13PBON	B12/E0	*
01PBO13P	ODI1		004-138	239	O 13PBOP	B12/E0	*
01PBO14N	ODI1		004-138	346	O 14PBON	B12/E0	*
01PBO14P	ODI1		004-138	246	O 14PBOP	B12/E0	*
01PBO15N	0APPL1		004-088	346	I PIDBIN	B7/E1	*
01PBO15N	ODI1		004-138	352	O 15PBON	B12/E0	
01PBO15P	0APPL1		004-088	246	I PIDBIP	B7/E1	*
01PBO15P	ODI1		004-138	252	O 15PBOP	B12/E0	
01PBO1N	ODI1		004-138	107	O 1PBON	B12/E0	*
01PBO1P	ODI1		004-138	007	O 1PBOP	B12/E0	*
01PBO2N	ODI1		004-138	114	O 2PBON	B12/E0	*
01PBO2P	ODI1		004-138	014	O 2PBOP	B12/E0	*
01PBO3N	ODI1		004-138	120	O 3PBON	B12/E0	*
01PBO3P	ODI1		004-138	020	O 3PBOP	B12/E0	*
01PBO4N	ODI1		004-138	301	O 4PBON	B12/E0	*
01PBO4P	ODI1		004-138	201	O 4PBOP	B12/E0	*
01PBO5N	ODI1		004-138	307	O 5PBON	B12/E0	*
01PBO5P	ODI1		004-138	207	O 5PBOP	B12/E0	*
01PBO6N	ODI1		004-138	314	O 6PBON	B12/E0	*
01PBO6P	ODI1		004-138	214	O 6PBOP	B12/E0	*
01PBO7N	ODI1		004-138	320	O 7PBON	B12/E0	*
01PBO7P	ODI1		004-138	220	O 7PBOP	B12/E0	*

23 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
01PBO8N	ODI1		004-138	133	O 8PBON	B12/E0	*
01PBO8P	ODI1		004-138	033	O 8PBOP	B12/E0	*
01PBO9N	ODI1		004-138	139	O 9PBON	B12/E0	*
01PBO9P	ODI1		004-138	039	O 9PBOP	B12/E0	*
01PBRDAN	OPI		004-112	154	I 1PBRDAN	B10/E0	*
01PBRDAP	OPI		004-112	054	I 1PBRDAP	B10/E0	*
01PBT DAN	OPI		004-112	156	O 1PBT DAN	B10/E0	*
01PBT DAP	OPI		004-112	056	O 1PBT DAP	B10/E0	*
01PBTDBN	OPI		004-112	155	O 1PBTDBN	B10/E0	*
01PBTDBP	OPI		004-112	055	O 1PBTDBP	B10/E0	*
01PCTSON	OPI		004-112	149	IO 1PBCTSON	B10/E0	*
01PCTSO P	OPI		004-112	049	IO 1PBCTSO P	B10/E0	*
01PRTSON	OPI		004-112	150	IO 1PBRTSON	B10/E0	*
01PRTSO P	OPI		004-112	050	IO 1PBRTSO P	B10/E0	*
01PRXC1N	OPI		004-112	152	IO 1PBRXCIP	B10/E0	*
01PRXC1N	OPI		004-112	153	IO 1PBRXC1N	B10/E0	
01PRXC1P	OPI		004-112	052	IO 1PBRXCIP	B10/E0	*
01PRXC1P	OPI		004-112	053	IO 1PBRXC1P	B10/E0	
01PRXD0N	OPI		004-112	151	IO 1PBRXD0N	B10/E0	*
01PRXD0P	OPI		004-112	051	IO 1PBRXD0P	B10/E0	*
01PTXC0N	OPI		004-112	148	IO 1PBTXC0N	B10/E0	*
01PTXC0P	OPI		004-112	048	IO 1PBTXC0P	B10/E0	*
01PTXD1N	OPI		004-112	147	IO 1PB DATAN	B10/E0	*
01PTXD1P	OPI		004-112	047	IO 1PB DATAP	B10/E0	*
01S0N	OC11		004-104	053	O S0N	B9/E0	*
01S0P	OC11		004-104	153	O S0P	B9/E0	*
01S10N	OC11		004-104	240	O S10N	B9/E0	*
01S10P	OC11		004-104	340	O S10P	B9/E0	*
01S11N	OC11		004-104	234	O S11N	B9/E0	*
01S11P	OC11		004-104	334	O S11P	B9/E0	*
01S12N	OC11		004-104	221	O S12N	B9/E0	*
01S12P	OC11		004-104	321	O S12P	B9/E0	*
01S13N	OC11		004-104	215	O S13N	B9/E0	*
01S13P	OC11		004-104	315	O S13P	B9/E0	*
01S14N	OC11		004-104	208	O S14N	B9/E0	*
01S14P	OC11		004-104	308	O S14P	B9/E0	*
01S15N	OC11		004-104	202	O S15N	B9/E0	*
01S15P	OC11		004-104	302	O S15P	B9/E0	*
01S16N	OC11		004-104	453	O S16N	B9/E0	*
01S16P	OC11		004-104	553	O S16P	B9/E0	*
01S17N	OC11		004-104	447	O S17N	B9/E0	*
01S17P	OC11		004-104	547	O S17P	B9/E0	*
01S18N	OC11		004-104	440	O S18N	B9/E0	*
01S18P	OC11		004-104	540	O S18P	B9/E0	*
01S19N	OC11		004-104	434	O S19N	B9/E0	*
01S19P	OC11		004-104	534	O S19P	B9/E0	*
01S1N	OC11		004-104	047	O S1N	B9/E0	*
01S1P	OC11		004-104	147	O S1P	B9/E0	*
01S20N	OC11		004-104	421	O S20N	B9/E0	*

24 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
01S20P	OC11		004-104	521	O S20P	B9/E0	*
01S21N	OC11		004-104	415	O S21N	B9/E0	*
01S21P	OC11		004-104	515	O S21P	B9/E0	*
01S22N	OC11		004-104	408	O S22N	B9/E0	*
01S22P	OC11		004-104	508	O S22P	B9/E0	*
01S2N	OC11		004-104	040	O S2N	B9/E0	*
01S2P	OC11		004-104	140	O S2P	B9/E0	*
01S3N	OC11		004-104	034	O S3N	B9/E0	*
01S3P	OC11		004-104	134	O S3P	B9/E0	*
01S4N	OC11		004-104	021	O S4N	B9/E0	*
01S4P	OC11		004-104	121	O S4P	B9/E0	*
01S5N	OC11		004-104	015	O S5N	B9/E0	*
01S5P	OC11		004-104	115	O S5P	B9/E0	*
01S6N	OC11		004-104	008	O S6N	B9/E0	*
01S6P	OC11		004-104	108	O S6P	B9/E0	*
01S7N	OC11		004-104	002	O S7N	B9/E0	*
01S7P	OC11		004-104	102	O S7P	B9/E0	*
01S8N	OC11		004-104	253	O S8N	B9/E0	*
01S8P	OC11		004-104	353	O S8P	B9/E0	*
01S9N	OC11		004-104	247	O S9N	B9/E0	*
01S9P	OC11		004-104	347	O S9P	B9/E0	*
01SY8KH0	OTSI-SP		004-144	115	I DLI18K	B13/E1	*
01SY8KH0	004-153		004-153	014	IO	B13/B4	
01TSCPI	104-033		104-033	018	IO	B35/B4	*
01TSCPI	1DLI		104-156	216	I BT CPI	B35/E0	
01TSIA0P	004-153		004-153	021	IO	B14/B5	*
01TSIA0P	ODLI		004-156	117	I ATPTS11	B14/E0	
01TSIA0X	004-153		004-153	024	IO	B14/B5	*
01TSIA0X	ODLI		004-156	120	I ATXTS11	B14/E0	
01TSIA0Y	004-153		004-153	023	IO	B14/B5	*
01TSIA0Y	ODLI		004-156	119	I ATYTS11	B14/E0	
01TSIA0Z	004-153		004-153	022	IO	B14/B5	*
01TSIA0Z	ODLI		004-156	118	I ATZTS11	B14/E0	
01TSIB0P	004-153		004-153	017	IO	B14/B5	*
01TSIB0P	ODLI		004-156	113	I BTPTS11	B14/E0	
01TSIB0X	004-153		004-153	020	IO	B14/B5	*
01TSIB0X	ODLI		004-156	116	I BTXTS11	B14/E0	
01TSIB0Y	004-153		004-153	019	IO	B14/B5	*
01TSIB0Y	ODLI		004-156	115	I BTYTS11	B14/E0	
01TSIB0Z	004-153		004-153	018	IO	B14/B6	*
01TSIB0Z	ODLI		004-156	114	I BTZTS11	B14/E0	
02DSC-48	002-176		002-176	005	P	B17/B8	*
02DSC-48	EP5		002-176	2	P PWR2	B17/C9	
02DSC-48	004-178		004-178	000	P	B17/B9	

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LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
02DSC-48	004-178		004-178	100	P		B17/B9 *
02DSC-48	004-178		004-178	200	P		B17/B9 *
02DSC-48	004-178		004-178	300	P		B17/B9 *
02DSCRTN	EP5		002-176	1	P	PWR1	B17/C9 *
02DSCRTN	004-178		004-178	001	G		B17/D9 *
02DSCRTN	004-178		004-178	101	G		B17/D9 *
02DSCRTN	004-178		004-178	201	G		B17/D9 *
02DSCRTN	004-178		004-178	301	G		B17/D9 *
02LPRN	004-178		004-178	117	IO		B18/G8 *
02LPRN	004-178		004-178	217	IO		B18/G8 *
02MADO0	MEM3		004-064	042	O	MADOUT0	B5/E0
02MADO0	MEM4		004-070	040	I	MADIN00	B5/E5
02MADO1	MEM3		004-064	142	O	MADOUT1	B5/E0
02MADO1	MEM4		004-070	140	I	MADIN01	B5/E5
02MADO2	MEM3		004-064	242	O	MADOUT2	B5/E0
02MADO2	MEM4		004-070	240	I	MADIN02	B5/E5
02MADO3	MEM3		004-064	342	O	MADOUT3	B5/E0
02MADO3	MEM4		004-070	340	I	MADIN03	B5/E5
02MADO4	MEM3		004-064	043	O	MADOUT4	B5/E0
02MADO4	MEM4		004-070	041	I	MADIN04	B5/E5
02MADO5	MEM3		004-064	143	O	MADOUT5	B5/E0
02MADO5	MEM4		004-070	141	I	MADIN05	B5/E5
02MADO6	MEM3		004-064	243	O	MADOUT6	B5/E0
02MADO6	MEM4		004-070	241	I	MADIN06	B5/E5
02MADO7	MEM3		004-064	343	O	MADOUT7	B5/E0
02MADO7	MEM4		004-070	341	I	MADIN07	B5/E5
02PBRDAN	OPI		004-112	309	I	2PBRDAN	B10/E0 *
02PBRDAP	OPI		004-112	209	I	2PBRDAP	B10/E0 *
02PBTDAN	OPI		004-112	311	O	2PBTDAN	B10/E0 *
02PBTDAP	OPI		004-112	211	O	2PBTDAP	B10/E0 *
02PBTDNB	OPI		004-112	310	O	2PBTDNB	B10/E0 *
02PBTDBP	OPI		004-112	210	O	2PBTDBP	B10/E0 *
02PCTSON	OPI		004-112	304	I	2PBCTSON	B10/E0 *
02PDATAN	OPI		004-112	302	O	SYSRES0	B10/E0 *
02PDATAP	OPI		004-112	202	IO	2PBDATAP	B10/E0 *
02PRTSON	OPI		004-112	305	O	2PBRTSON	B10/E0 *
02PRTSOP	OPI		004-112	205	O	2PBRTSOP	B10/E0 *
02PRXC1N	OPI		004-112	308	I	2PBRXCIN	B10/E0 *
02PRXC1P	OPI		004-112	208	I	2PBRXCIP	B10/E0 *
02PRXD0N	OPI		004-112	306	I	2PBRXDON	B10/E0 *
02PRXD0P	OPI		004-112	206	I	2PBRXDOP	B10/E0 *
02PTXC0N	OPI		004-112	303	O	2PBTXCON	B10/E0 *
02PTXC0P	OPI		004-112	203	O	2PBTXCOP	B10/E0 *
03ADDPER	OCS1		004-026	532	I	APERCS2	B1/E1
03ADDPER	OCS2		004-034	133	O	3ADDPER	B2/E0
03MADO0	MEM4		004-070	042	O	MADOUT0	B5/E5
03MADO0	MEM5		004-076	040	I	MADIN00	B6/E0
03MADO1	MEM4		004-070	142	O	MADOUT1	B5/E5
03MADO1	MEM5		004-076	140	I	MADIN01	B6/E0
03MADO2	MEM4		004-070	242	O	MADOUT2	B5/E5
03MADO2	MEM5		004-076	240	I	MADIN02	B6/E0
03MADO3	MEM4		004-070	342	O	MADOUT3	B5/E5
03MADO3	MEM5		004-076	340	I	MADIN03	B6/E0
03MADO4	MEM4		004-070	043	O	MADOUT4	B5/E5
03MADO4	MEM5		004-076	041	I	MADIN04	B6/E0
03MADO5	MEM4		004-070	143	O	MADOUT5	B5/E5
03MADO5	MEM5		004-076	141	I	MADIN05	B6/E0
03MADO6	MEM4		004-070	243	O	MADOUT6	B5/E5
03MADO6	MEM5		004-076	241	I	MADIN06	B6/E0
03MADO7	MEM4		004-070	343	O	MADOUT7	B5/E5

26 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
03MADO7	MEM5		004-076	341	I	MADIN07	B6/E0
03PBRDAN	OPI		004-112	122	IO	A191/S6	B10/E0 *
03PBRDAP	OPI		004-112	022	O	RDA0	B10/E0 *
03PBTDAN	OPI		004-112	124	O	3PBTDAN	B10/E0 *
03PBTDAP	OPI		004-112	024	O	3PBTDAP	B10/E0 *
03PBTDNB	OPI		004-112	123	O	3PBTDNB	B10/E0 *
03PBTDBP	OPI		004-112	023	O	3PBTDBP	B10/E0 *
03PCTSON	OPI		004-112	117	IO	BFAD141	B10/E0 *
03PCTS0P	OPI		004-112	017	IO	DT/R	B10/E0 *
03PCTS0P	OPI		004-112	204	I	2PBCTSOP	B10/E0 *
03PDATAN	OPI		004-112	115	IO	BFAD121	B10/E0 *
03PDATAP	OPI		004-112	015	IO	3PBDATAP	B10/E0 *
03PRTSON	OPI		004-112	118	IO	BFAD151	B10/E0 *
03PRTS0P	OPI		004-112	018	O	OALE1	B10/E0 *
03PRXC1N	OPI		004-112	121	IO	A181/S5	B10/E0 *
03PRXC1P	OPI		004-112	021	O	WRA0	B10/E0 *
03PRXD0N	OPI		004-112	119	IO	A161/S3	B10/E0 *
03PRXD0P	OPI		004-112	019	I	3PBRXDOP	B10/E0 *
03PTXC0N	OPI		004-112	116	IO	BFAD131	B10/E0 *
03PTXC0P	OPI		004-112	016	O	PBHE0	B10/E0 *
04MADO0	MEM5		004-076	042	O	MADOUT0	B6/E0
04MADO0	MEM6		004-082	040	I	MADIN00	B6/E5
04MADO1	MEM5		004-076	142	O	MADOUT1	B6/E0
04MADO1	MEM6		004-082	140	I	MADIN01	B6/E5
04MADO2	MEM5		004-076	242	O	MADOUT2	B6/E0
04MADO2	MEM6		004-082	240	I	MADIN02	B6/E5
04MADO3	MEM5		004-076	342	O	MADOUT3	B6/E0
04MADO3	MEM6		004-082	340	I	MADIN03	B6/E5
04MADO4	MEM5		004-076	043	O	MADOUT4	B6/E0
04MADO4	MEM6		004-082	041	I	MADIN04	B6/E5
04MADO5	MEM5		004-076	143	O	MADOUT5	B6/E0
04MADO5	MEM6		004-082	141	I	MADIN05	B6/E5
04MADO6	MEM5		004-076	243	O	MADOUT6	B6/E0
04MADO6	MEM6		004-082	241	I	MADIN06	B6/E5
04MADO7	MEM5		004-076	343	O	MADOUT7	B6/E0
04MADO7	MEM6		004-082	341	I	MADIN07	B6/E5
0A-48	ODLI		004-156	249	P	-48	B14/E0
0A-48	0AFIBOPT		006-156R	249	P	A-48	B16/E2
0A-48	0OPTA		006-156R	249	P	A-48	B16/E3
0A-48	0OPTRCVA		007-156R	249	P	A-48	B16/E0
0ABORT	OCS1		004-026	052	O	SABORT	B1/E1
0ABORT	OCORE		004-042	138	I	ABORT	B3/E0
0ACOND5	ODLI		004-156	354	O	ACOND5	B14/E0
0ACOND5	0OPTRCVA		007-156R	354	IO	ACOND5	B16/E0
0ADSELGD	004-050		004-050	500	G		B19/B4 *
0ADSELGD	004-055		004-055	000	G		B19/B5 *
0AFFCLR	OCS1		004-026	254	O	AFFCLR	B1/E1
0AFFCLR	OCS2		004-034	454	I	AFFCLR	B2/E0
0ALM	0PWRCONV		004-012	014	IO	ALM	B1/E0
0ALM	OCS1		004-026	402	I	ALM	B1/E1
0ALM	OCS1		004-026	507	I	ALM	B1/E1
0ALM	004-033		004-033	004	IO		B1/F0 *
0ALWST	OCS1		004-026	552	O	ALWST	B1/E1
0ALWST	MEM1		004-050	352	I	ALWST	B4/E0
0ALWST	MEM2		004-058	352	I	ALWST	B4/B4
0ALWST	MEM3		004-064	352	I	ALWST	B5/B0
0ALWST	MEM4		004-070	352	I	ALWST	B5/B5
0ALWST	MEM5		004-076	352	I	ALWST	B6/E0
0ALWST	MEM6		004-082	352	I	ALWST	B6/E5
0AMA0	004-154		004-154	054	IO		B14/B6 *
0AMA0	ODLI		004-156	055	I	AMA0	B14/E0

27	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
0AMA0	OMTSSWA		007-155R	047	IO	AMA0	B14/D7
0AMA1	004-154		004-154	053	IO		B14/B6 *
0AMA1	ODLI		004-156	054	I	AMA1	B14/E0
0AMA1	OMTSSWA		007-155R	048	IO	AMA1	B14/D7
0AMA2	004-154		004-154	052	IO		B14/B6 *
0AMA2	ODLI		004-156	053	I	AMA2	B14/E0
0AMA2	OMTSSWA		007-155R	049	IO	AMA2	B14/D7
0AMA3	004-154		004-154	051	IO		B14/B6 *
0AMA3	ODLI		004-156	052	I	AMA3	B14/E0
0AMA3	OMTSSWA		007-155R	050	IO	AMA3	B14/D7
0AMA4	004-154		004-154	050	IO		B14/B6 *
0AMA4	ODLI		004-156	051	I	AMA4	B14/E0
0AMA4	OMTSSWA		007-155R	051	IO	AMA4	B14/D7
0AMA5	004-154		004-154	049	IO		B14/B6 *
0AMA5	ODLI		004-156	050	I	AMA5	B14/E0
0AMA5	OMTSSWA		007-155R	052	IO	AMA5	B14/D7
0AMA6	004-154		004-154	048	IO		B14/B6 *
0AMA6	ODLI		004-156	049	I	AMA6	B14/E0
0AMA6	OMTSSWA		007-155R	053	IO	AMA6	B14/D7
0AMA7	004-154		004-154	047	IO		B14/B6 *
0AMA7	ODLI		004-156	048	I	AMA7	B14/E0
0AMA7	OMTSSWA		007-155R	054	IO	AMA7	B14/D7
0AMAEN	004-154		004-154	055	IO		B14/B6 *
0AMAEN	ODLI		004-156	056	I	AMAEN	B14/E0
0AMAEN	OMTSSWA		007-155R	055	IO	AMAEN	B14/D7
0APPMSE	OCS1		004-026	432	I	APPMSE	B1/E1
0APPMSE	0APPL1		004-088	535	O	APPMSE	B7/E1
0AR+5	ODLI		004-156	251	P	VCC	B14/E0
0AR+5	0AFIBOPT		006-156R	251	P	AR+5	B16/E2
0AR+5	0OPTA		006-156R	251	P	AR+5	B16/E3
0AR+5	0OPTRCVA		007-156R	251	P	AR+5	B16/E0
0ARCV	OCONN		004-156	353	IO	ARCV	B16/E4 *
0ARCV	ODLI		004-156	353	I	ARECV	B14/E0
0ARXINT	OCS2		004-034	553	I	ARXINT	B2/E0
0ARXINT	0APPL1		004-088	253	O	ARXINT	B7/E1
0AT+5	ODLI		004-156	334	P	VCC	B14/E0
0AT+5	0OPTXMTA		005-156R	334	P	AT+5	B16/E1
0AT+5	0AFIBOPT		006-156R	334	P	AT+5	B16/E2
0AT+5	0OPTA		006-156R	334	P	AT+5	B16/E3
0ATXINT	OCS2		004-034	453	I	ATXINT	B2/E0
0ATXINT	0APPL1		004-088	353	O	ATXINT	B7/E1
0AXMIT	OCONN		004-156	340	IO	AXMIT	B16/E4 *
0AXMIT	ODLI		004-156	340	O	AXMIT	B14/E0
0B-48	0OPTRCVB		001-156R	204	P	B-48	B16/E5
0B-48	0BFIBOPT		002-156R	204	P	B-48	B16/E7
0B-48	0OPTB		002-156R	204	P	B-48	B16/E8
0B-48	ODLI		004-156	204	P	-48	B14/E0
0BCOND5	0OPTRCVB		001-156R	309	IO	BCOND5	B16/E5
0BCOND5	0BFIBOPT		002-156R	309	IO	BCOND5	B16/E7
0BCOND5	0OPTB		002-156R	309	IO	BCOND5	B16/E8
0BCOND5	ODLI		004-156	309	O	BCOND5	B14/E0
0BFMCNTE	OCS1		004-026	518	O	BFMCNTE	B1/E1
0BFMCNTE	OCS2		004-034	241	I	BFMCNTE	B2/E0
0BFMPERR	OCS1		004-026	418	O	BFMPERR	B1/E1
0BFMPERR	OCS2		004-034	240	I	BFMPERR	B2/E0
0BFMTHEN	OCS1		004-026	516	O	BFMTHEN	B1/E1

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28 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
OBFWTHEN	OCORE	004-042	245	I BFWTHEN	B3/E0		
OBK1HIT	OCSS2	004-034	035	I BK1HIT	B2/E0		
OBK1HIT	OCORE	004-042	040	O BK1HIT	B3/E0		
OBK2HIT	OCSS2	004-034	135	I BK2HIT	B2/E0		
OBK2HIT	OCORE	004-042	140	O BK2HIT	B3/E0		
OBK3HIT	OCSS2	004-034	235	I BK3HIT	B2/E0		
OBK3HIT	OCORE	004-042	240	O BK3HIT	B3/E0		
OBK4HIT	OCSS2	004-034	335	I BK4HIT	B2/E0		
OBK4HIT	OCORE	004-042	340	O BK4HIT	B3/E0		
OBMA0	004-154	004-154	041	IO	B14/B6	*	
OBMA0	ODLI	004-156	044	I BMA0	B14/E0		
OBMA0	OMTSSWB	005-155R	134	IO BMA0	B14/D8		
OBMA1	004-154	004-154	040	IO	B14/B6	*	
OBMA1	ODLI	004-156	043	I BMA1	B14/E0		
OBMA1	OMTSSWB	005-155R	135	IO BMA1	B14/D8		
OBMA2	004-154	004-154	039	IO	B14/B6	*	
OBMA2	ODLI	004-156	042	I BMA2	B14/E0		
OBMA2	OMTSSWB	005-155R	136	IO BMA2	B14/D8		
OBMA3	004-154	004-154	038	IO	B14/B6	*	
OBMA3	ODLI	004-156	041	I BMA3	B14/E0		
OBMA3	OMTSSWB	005-155R	137	IO BMA3	B14/D8		
OBMA4	004-154	004-154	037	IO	B14/B6	*	
OBMA4	ODLI	004-156	040	I BMA4	B14/E0		
OBMA4	OMTSSWB	005-155R	138	IO BMA4	B14/D8		
OBMA5	004-154	004-154	036	IO	B14/B6	*	
OBMA5	ODLI	004-156	039	I BMA5	B14/E0		
OBMA5	OMTSSWB	005-155R	139	IO BMA5	B14/D8		
OBMA6	004-154	004-154	035	IO	B14/B6	*	
OBMA6	ODLI	004-156	038	I BMA6	B14/E0		
OBMA6	OMTSSWB	005-155R	140	IO BMA6	B14/D8		
OBMA7	004-154	004-154	034	IO	B14/B6	*	
OBMA7	ODLI	004-156	037	I BMA7	B14/E0		
OBMA7	OMTSSWB	005-155R	141	IO BMA7	B14/D8		
OBMAEN	004-154	004-154	042	IO	B14/B6	*	
OBMAEN	ODLI	004-156	045	I BMAEN	B14/E0		
OBMAEN	OMTSSWB	005-155R	142	IO BMAEN	B14/D8		
OBOWLFUL	OCSS2	004-034	153	I BOWLFUL	B2/E0		
OBOWLFUL	OCORE	004-042	153	O BOWLFUL	B3/E0		
OBRT+5	OOPTRCVB	001-156R	206	P BR+5	B16/E5		
OBRT+5	OBFIPOPT	002-156R	206	P BR+5	B16/E7		
OBRT+5	OOPTB	002-156R	206	P BR+5	B16/E8		
OBRT+5	ODLI	004-156	206	P VCC	B14/E0		
OBRCV	OOPTRCVB	001-156R	308	IO BRCV	B16/E5		
OBRCV	OBFIPOPT	002-156R	308	IO BRCV	B16/E7		
OBRCV	OOPTB	002-156R	308	IO BRCV	B16/E8		
OBRCV	OBFIPOPT	002-156R	F01	IO BRCV	B16/E7		
OBRCV	OCONN	004-156	308	IO BRCV	B16/E4	*	
OBRCV	ODLI	004-156	308	I BRVCY	B14/E0		
OBRTXINT	OCSS2	004-034	555	I BRXINT	B2/E0		
OBRTXINT	OAPPL1	004-088	254	O BRXINT	B7/E1		
OBRTXINT	OCSS2	004-034	455	I BTXINT	B2/E0		
OBRTXINT	OAPPL1	004-088	354	O BTXINT	B7/E1		
OBXMIT	OBFIPOPT	002-156R	321	IO BXMIT	B16/E7		
OBXMIT	OOPTB	002-156R	321	IO BXMIT	B16/E8		
OBXMIT	OBFIPOPT	002-156R	F02	IO BXMIT	B16/E7		
OBXMIT	OOPTXMTB	003-156R	321	IO BXMIT	B16/E6		
OBXMIT	OCONN	004-156	321	IO BXMIT	B16/E4	*	
OBXMIT	ODLI	004-156	321	O BXMIT	B14/E0		
OCACHCLK	OCSS2	004-034	040	I CACHCLK	B2/E0		
OCACHCLK	OCORE	004-042	139	O CACHCLK	B3/E0		
OCACHER	OCSS1	004-026	451	I CACHER	B1/E1		
OCACHER	OCORE	004-042	252	O CACHER	B3/E0		
OCADDPER	OCSS1	004-026	533	I APERAPP	B1/E1		

29 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
OCADDPER	OAPPL1	004-088	133	O CADDPER	B7/E1		
OCARD	OPWRCONV	004-012	113	IO CARD	B1/E0		
OCARD	OCSS1	004-026	502	O CARD	B1/E1		
OCKSBL	OTSI-SP	004-144	101	O CKSBL	B13/E1		
OCKSBL	OTSI-SP	004-144	301	I CKSBL	B13/E1		
OCCLCACHE	OCSS2	004-034	151	O CLCACHE	B2/E0		
OCCLCACHE	OCORE	004-042	151	I CLCACHE	B3/E0		
OCCLSN+	004-050	004-050	556	P	B17/F2	*	
OCCLSN+	004-055	004-055	056	I	B17/F2	*	
OCCLSN+	OEIBIO	004-055R	056	IO CLSN+	B17/E2		
OCCLSN-	004-050	004-050	555	P	B17/F2	*	
OCCLSN-	004-055	004-055	055	I	B17/F2	*	
OCCLSN-	OEIBIO	004-055R	055	IO CLSN-	B17/E2		
OCCONCOS	OPWRCONV	004-012	115	IO CONCOS	B1/E0		
OCCONCOS	OCSS1	004-026	405	O CONCOS	B1/E1		
OCCONCOSR	OPWRCONV	004-012	015	IO CONCOSR	B1/E0		
OCCONCOSR	OCSS1	004-026	505	O CONCOSR	B1/E1		
OCCONV-48	002-007	002-007	005	P	B17/B7	*	
OCCONV-48	EP3	002-007	2	P PWR2	B17/C7	*	
OCCONV-48	004-010	004-010	021	P	B1/B0	*	
OCCONV-48	004-010	004-010	022	P	B1/B1	*	
OCCONV-48	004-010	004-010	023	P	B1/B1	*	
OCCONV-48	004-010	004-010	024	P	B1/B1	*	
OCCONV-48	OPWRCONV	004-012	006	P CONV-48	B1/B0		
OCCONV-48	OPWRCONV	004-012	007	P CONV-48	B1/B0		
OCCONV-48	OPWRCONV	004-012	008	P CONV-48	B1/B0		
OCCONV-48	OPWRCONV	004-012	106	P CONV-48	B1/B0		
OCCONV-48	OPWRCONV	004-012	107	P CONV-48	B1/B0		
OCCONV-48	OPWRCONV	004-012	108	P CONV-48	B1/B0		
OCCONV-48	OPWRCONV	004-012	206	P CONV-48	B1/B0		
OCCONV-48	OPWRCONV	004-012	207	P CONV-48	B1/B0		
OCCONV-48	OPWRCONV	004-012	208	P CONV-48	B1/B0		
OCCONV-48	OPWRCONV	004-012	306	P CONV-48	B1/B0		
OCCONV-48	OPWRCONV	004-012	307	P CONV-48	B1/B0		
OCCONV-48	OPWRCONV	004-012	308	P CONV-48	B1/B0		
OCCONV-48	OCSS1	004-026	500	I -48NI	B1/B1		
OCCONVRTN	EP3	002-007	1	P PWR1	B17/C7	*	
OCCONVRTN	004-011	004-011	021	G	B1/F1	*	
OCCONVRTN	004-011	004-011	022	G	B1/F1	*	
OCCONVRTN	004-011	004-011	023	G	B1/F1	*	
OCCONVRTN	004-011	004-011	024	G	B1/F1	*	
OCCONVRTN	OPWRCONV	004-012	003	G CONVRTN	B1/B0		
OCCONVRTN	OPWRCONV	004-012	004	G CONVRTN	B1/B0		
OCCONVRTN	OPWRCONV	004-012	005	G CONVRTN	B1/B0		
OCCONVRTN	OPWRCONV	004-012	102	G CONVRTN	B1/B0		
OCCONVRTN	OPWRCONV	004-012	103	G CONVRTN	B1/B0		
OCCONVRTN	OPWRCONV	004-012	104	G CONVRTN	B1/B0		
OCCONVRTN	OPWRCONV	004-012	112	G CONVRTN	B1/B0		
OCCONVRTN	OPWRCONV	004-012	203	G CONVRTN	B1/B0		
OCCONVRTN	OPWRCONV	004-012	204	G CONVRTN	B1/B0		
OCCONVRTN	OPWRCONV	004-012	205	G CONVRTN	B1/B0		
OCCONVRTN	OPWRCONV	004-012	302	G CONVRTN	B1/B0		
OCCONVRTN	OPWRCONV	004-012	303	G CONVRTN	B1/B0		
OCCONVRTN	OPWRCONV	004-012	304	G CONVRTN	B1/B0		
OCCONVRTN	OCSS1	004-026	133	G CONVRTN	B1/E1		
OCCONVRTN	OCSS1	004-026	400	G 48RTN	B1/E1		
OCCONVRTN	OCSS1	004-026	424	G CONVRTN	B1/E1		
OCORBER	OCSS1	004-026	535	I CORSP	B1/E1		
OCORBER	OCSS1	004-026	553	I CORBER	B1/E1		
OCORBER	OCSS2	004-034	253	I CORBER	B2/E0		
OCORBER	OMEM1	004-050	353	O CORBER	B4/E0		
OCORBER	OMEM2	004-058	353	O CORBER	B4/E4		
OCORBER	OMEM3	004-064	353	O CORBER	B5/E0		
OCORBER	OMEM4	004-070	353	O CORBER	B5/E5		
OCORBER	OMEM5	004-076	353	O CORBER	B6/E0		
OCORBER	OMEM6	004-082	353	O CORBER	B6/E5		
OCPI8K	004-050	004-050	523	I	B19/C4	*	
OCPI8K	004-055	004-055	023	I	B19/C5	*	
OCPIINT	OCSS1	004-026	440	O CPIINT	B1/E1		
OCPIINT	OCSS2	004-034	540	I CPIINT	B2/E0		
OCRXINT	OCSS2	004-034	549	I CRXINT	B2/E0		
OCRXINT	OAPPL1	004-088	349	O CRXINT	B7/E1		
OCSS1	OPWRCONV	004-012	011	IO CS1	B1/E0		
OCSS1	OCSS1	004-026	403	O RS1	B1/E1		
OCSS2	OPWRCONV	004-012	110	IO CS2	B1/E0		
OCSS2	OCSS1	004-026	503	I RS2	B1/E1		
OCSS2MSBR	OCSS1	004-026	433	I CS2MSBR	B1/E1		
OCSS2MSBR	OCSS2	004-034	432	O CS2MSBR	B2/E0		
OCSS3	OPWRCONV	004-012	109	IO CS3	B1/E0		

30	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
OCSS3	OCSS1	004-026	404	O RS3	B1/E1		
OCCTSA	OMEM1	004-050	154	IO CTSA	B4/E0	*	
OCCTSLT1	OCSS1	004-026	345	O CTSLT1	B1/E1		
OCCTSLT1	004-033	004-033	021	IO	B1/F7	*	
ODAFF	OCSS1	004-026	520	O DAFF	B1/E1		
ODAFF	004-033	004-033	015	IO	B1/F7	*	
ODAFFX	004-011	004-011	034	IO	B18/B1	*	
ODAFFX	004-018	004-018	242	IO	B18/B2	*	
ODIATAOP	ODI1	004-138	319	O NIBINA	B12/E0		
ODIATAOP	OTSI-SP	004-144	017	I DIAN3 I	B13/E1		
ODIATBOP	ODI0	004-130	319	O NIBINA	B11/E0		
ODIATBOP	OTSI-SP	004-144	019	I DIBN3 I	B13/E1		
ODIBTA0Z	ODI1	004-138	219	O NIBINB	B12/E0		
ODIBTA0Z	OTSI-SP	004-144	117	I DIAN2 I	B13/E1		
ODIBTB0Z	ODI0	004-130	219	O NIBINB	B11/E0		
ODIBTB0Z	OTSI-SP	004-144	119	I DIBN2 I	B13/E1		
ODICTA0Y	ODI1	004-138	119	O NIBINC	B12/E0		
ODICTA0Y	OTSI-SP	004-144	217	I DIAN1 I	B13/E1		
ODICTB0Y	ODI0	004-130	119	O NIBINC	B11/E0		
ODICTB0Y	OTSI-SP	004-144	219	I DIBN1 I	B13/E1		
ODIDTA0X	ODI1	004-138	019	O NIBIND	B12/E0		
ODIDTA0X	OTSI-SP	004-144	317	I DIAN0 I	B13/E1		
ODIDTB0X	ODI0	004-130	019	O NIBIND	B11/E0		
ODIDTB0X	OTSI-SP	004-144	319	I DIBN0 I	B13/E1		
ODINT	004-155	004-155	014	IO	B14/B4	*	
ODINT	004-155	004-155	014 (16)	IO	B14/B4	*	
ODINT	ODLI	004-156	224	I CPR	B14/E0		
ODISCACH	OCSS1	004-026	417	O DISCACH	B1/E1		
ODISCACH	OCSS2	004-034	339	I DISCACH	B2/E0		
ODISWP	OCSS2	004-034	047	O DISWP	B2/E0		
ODISWP	OMEM1	004-050	047	I DISWP	B4/E0		
ODISWP	OMEM2	004-058	047	I DISWP	B4/E4		
ODISWP	OMEM3	004-064	047	I DISWP	B5/E0		
ODISWP	OMEM4	004-070	047	I DISWP	B5/E5		
ODISWP	OMEM5	004-076	047	I DISWP	B6/E0		
ODISWP	OMEM6	004-082	047	I DISWP	B6/E5		
ODLI-48	002-166	002-166	005	P	B17/B8	*	
ODLI-48	EP4	002-166	2	P PWR2	B17/C8		
ODLI-48	ODLI	004-156	006	P -48	B14/E0		
ODLI-48	ODLI	004-156	106	P -48	B14/E0		
ODLIAD	004-155	004-155	019	IO	B14/B4	*	
ODLIAD	004-155	004-155	019 (16)	IO	B14/B4	*	
ODLIAD	ODLI	004-156	333	I AD	B14/E0		
ODLIALM	004-155	004-155	000	IO	B19/B8	*	
ODLIALM	004-155	004-155	022	IO	B19/B8	*	
ODLIALMP	004-155	004-155	018	IO	B14/F2	*	
ODLIALMP	004-155	004-155	018 (16)	IO	B14/F3	*	
ODLIALMP	ODLI	004-156	347	O PINT	B14/E0		
ODLIALMR	004-155	004-155	023	IO	B14/F3	*	
ODLIALMR	004-155	004-155	023 (16)	IO	B14/F3	*	
ODLIALMR	ODLI	004-156	345	O CARD	B14/E0		
ODLIERR	OCSS1	004-026	447	I DLIERR	B1/E1		
ODLIERR	OAPPL1	004-088	433	O DLIERR	B7/E1		
ODLIJMP3	004-155	004-155	022 (16)	IO	B19/A8	*	

A

B

C

D

E

F

G

H

31 LEAD INDEX (CONTINUED)							
LDDESIG	FDDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
ODLIRA7	ODLI	004-156	335	O NC	B14/B0		
ODLIRA7	ODLI	004-156	336	O AR8KN	B14/B0		
ODLIRTN	EP4	002-166	1	P PWR1	B17/C8	*	
ODLIRTN	004-155	004-155	013	IO	B14/B3	*	
ODLIRTN	004-155	004-155	013 (16)	IO	B14/B4	*	
ODLIRTN	ODLI	004-156	003	P -48RTN	B14/B0		
ODLIRTN	ODLI	004-156	103	P -48RTN	B14/B0		
ODLIS1	004-155	004-155	017	IO	B14/F6	*	
ODLIS1	ODLI	004-156	212	O RS1	B14/B0		
ODLIS2	004-155	004-155	016	IO	B14/F3	*	
ODLIS2	ODLI	004-156	211	O RS2	B14/B0		
ODLIS3	004-155	004-155	015	IO	B14/F3	*	
ODLIS3	ODLI	004-156	210	O RS3	B14/B0		
ODLITSTA	004-155	004-155	001	IO	B14/F3	*	
ODLITSTA	ODLI	004-156	346	O TSTA	B14/B0		
ODLPAODI	ODI1	004-138	144	I LOOPEN1	B12/E0		
ODLPAODI	OTSI-SP	004-144	144	O DIALP	B13/E1		
ODLPBODI	ODI0	004-130	144	I LOOPEN1	B11/E0		
ODLPBODI	OTSI-SP	004-144	044	O DIBLP	B13/E1		
ODMB2	OCS1	004-026	422	O DMB2	B1/E1		
ODMB2	004-032	004-032	019	IO	B1/F7	*	
ODMB3	OCS1	004-026	521	O DMB3	B1/E1		
ODMB3	004-032	004-032	018	IO	B1/F7	*	
ODMB3	004-033	004-033	016	IO	B1/F7	*	
ODMB3X	004-011	004-011	035	IO	B18/B1	*	
ODMB3X	004-018	004-018	341	IO	B18/B2	*	
ODNSDLCK	OCS2	004-034	452	O DNSDLCK	B2/E0		
ODNSDLCK	OAPPL1	004-088	352	I DNSDLCK	B7/E1		
ODOOS5P	004-155	004-155	020	IO	B14/F3	*	
ODOOS5P	ODLI	004-156	208	O OOS5P	B14/B0		
ODOOSC0N	004-155	004-155	021	IO	B14/F3	*	
ODOOSC0N	ODLI	004-156	209	O OOSCONV	B14/B0		
ODORRQ	OCS1	004-026	053	O DORRQ	B1/E1		
ODORRQ	OCORE	004-042	038	I DORRQ	B3/E0		
ODSCB00	ODSC	004-168	306	IO NC	B15/E0		
ODSCB00	004-178	004-178	006	IO	B15/F4	*	
ODSCB01	ODSC	004-168	307	O DSCON	B15/E0		
ODSCB01	004-178	004-178	007	IO	B15/F6	*	
ODSCB02	ODSC	004-168	308	I EXPDATA0	B15/E0		
ODSCB02	004-178	004-178	008	IO	B15/B4	*	
ODSCB03	ODSC	004-168	309	IO NC	B15/E0		
ODSCB03	004-178	004-178	009	IO	B15/F4	*	
ODSCB04	ODSC	004-168	310	O DSCEXDT0	B15/E0		
ODSCB04	004-178	004-178	010	IO	B15/F5	*	
ODSCB05	ODSC	004-168	311	IO NC	B15/E0		
ODSCB05	004-178	004-178	011	IO	B15/F4	*	
ODSCB06	ODSC	004-168	312	O DSCEXCK0	B15/E0		
ODSCB06	004-178	004-178	012	IO	B15/F5	*	
ODSCB07	ODSC	004-168	313	IO NC	B15/E0		
ODSCB07	004-178	004-178	013	IO	B15/F4	*	
ODSCB08	ODSC	004-168	314	O DSCEXSY0	B15/E0		
ODSCB08	004-178	004-178	014	IO	B15/F6	*	
ODSCB09	ODSC	004-168	315	IO NC	B15/E0		
ODSCB09	004-178	004-178	015	IO	B15/F4	*	
ODSCB10	ODSC	004-168	316	O DSCEXCT0	B15/E0		
ODSCB10	004-178	004-178	016	IO	B15/F5	*	
ODSCB11	ODSC	004-168	317	IO NC	B15/E0		
ODSCB11	004-178	004-178	017	IO	B15/F4	*	
ODSCB12	ODSC	004-168	318	I EXPDATA1	B15/E0		
ODSCB12	004-178	004-178	018	IO	B15/B4	*	
ODSCB13	ODSC	004-168	319	IO NC	B15/E0		
ODSCB13	004-178	004-178	019	IO	B15/F4	*	
ODSCB14	ODSC	004-168	320	O DSCEXDT1	B15/E0		
ODSCB14	004-178	004-178	020	IO	B15/F5	*	
ODSCB15	ODSC	004-168	321	IO NC	B15/E0		

32 LEAD INDEX (CONTINUED)							
LDDESIG	FDDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
ODSCB15	004-178	004-178	021	IO	B15/F4	*	
ODSCB16	ODSC	004-168	322	O DSCEXCK1	B15/E0		
ODSCB16	004-178	004-178	022	IO	B15/F5	*	
ODSCB17	ODSC	004-168	323	IO NC	B15/E0		
ODSCB17	004-178	004-178	023	IO	B15/F4	*	
ODSCB18	ODSC	004-168	324	IO NC	B15/E0		
ODSCB18	004-178	004-178	024	IO	B15/F4	*	
ODSCB19	ODSC	004-168	332	IO NC	B15/E0		
ODSCB19	004-178	004-178	032	IO	B15/F4	*	
ODSCB20	ODSC	004-168	333	O DSCEXSY1	B15/E0		
ODSCB20	004-178	004-178	033	IO	B15/F6	*	
ODSCB21	ODSC	004-168	334	IO NC	B15/E0		
ODSCB21	004-178	004-178	034	IO	B15/F4	*	
ODSCB22	ODSC	004-168	335	O DSCEXCT1	B15/E0		
ODSCB22	004-178	004-178	035	IO	B15/F5	*	
ODSCB23	ODSC	004-168	336	IO NC	B15/E0		
ODSCB23	004-178	004-178	036	IO	B15/F3	*	
ODSCB24	ODSC	004-168	337	I EXPDATA2	B15/E0		
ODSCB24	004-178	004-178	037	IO	B15/B5	*	
ODSCB25	ODSC	004-168	338	IO NC	B15/E0		
ODSCB25	004-178	004-178	038	IO	B15/F3	*	
ODSCB26	ODSC	004-168	339	O DSCEXDT2	B15/E0		
ODSCB26	004-178	004-178	039	IO	B15/F6	*	
ODSCB27	ODSC	004-168	340	IO NC	B15/E0		
ODSCB27	004-178	004-178	040	IO	B15/F3	*	
ODSCB28	ODSC	004-168	341	O DSCEXCK2	B15/E0		
ODSCB28	004-178	004-178	041	IO	B15/F5	*	
ODSCB29	ODSC	004-168	342	IO NC	B15/E0		
ODSCB29	004-178	004-178	042	IO	B15/F3	*	
ODSCB30	ODSC	004-168	343	O DSCEXSY2	B15/E0		
ODSCB30	004-178	004-178	043	IO	B15/F6	*	
ODSCB31	ODSC	004-168	344	IO NC	B15/E0		
ODSCB31	004-178	004-178	044	IO	B15/F3	*	
ODSCB32	ODSC	004-168	345	O DSCEXCT2	B15/E0		
ODSCB32	004-178	004-178	045	IO	B15/F5	*	
ODSCB33	ODSC	004-168	346	IO NC	B15/E0		
ODSCB33	004-178	004-178	046	IO	B15/F3	*	
ODSCB34	ODSC	004-168	347	I EXPDATA3	B15/E0		
ODSCB34	004-178	004-178	047	IO	B15/B5	*	
ODSCB35	ODSC	004-168	348	IO NC	B15/E0		
ODSCB35	004-178	004-178	048	IO	B15/F3	*	
ODSCB36	ODSC	004-168	349	O UCICS5	B15/E0		
ODSCB36	004-178	004-178	049	IO	B15/F6	*	
ODSCB37	ODSC	004-168	350	O UCIBES5	B15/E0		
ODSCB37	004-178	004-178	050	IO	B15/F6	*	
ODSCB38	ODSC	004-168	351	IO NC	B15/E0		
ODSCB38	004-178	004-178	051	IO	B15/F3	*	
ODSCB39	ODSC	004-168	251	IO NC	B15/E0		
ODSCB39	004-178	004-178	151	IO	B15/F4	*	
ODSCB40	ODSC	004-168	006	IO NC40	B15/E0		
ODSCB40	004-178	004-178	306	IO	B15/F5	*	
ODSCB41	ODSC	004-168	007	IO NC41	B15/E0		
ODSCB41	004-178	004-178	307	IO	B15/F5	*	
ODSCB42	ODSC	004-168	008	IO NC42	B15/E0		
ODSCB42	004-178	004-178	308	IO	B15/F5	*	
ODSCB43	ODSC	004-168	009	IO NC43	B15/E0		
ODSCB43	004-178	004-178	309	IO	B15/F5	*	
ODSCB44	ODSC	004-168	010	IO NC44	B15/E0		
ODSCB44	004-178	004-178	310	IO	B15/F5	*	
ODSCB45	ODSC	004-168	011	IO NC45	B15/E0		
ODSCB45	004-178	004-178	311	IO	B15/F5	*	
ODSCB46	ODSC	004-168	012	IO NC46	B15/E0		
ODSCB46	004-178	004-178	312	IO	B15/F5	*	
ODSCB47	ODSC	004-168	013	IO NC47	B15/E0		

33	LEAD INDEX (CONTINUED)						
LDDESIG	FDDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
ODSCB47	004-178	004-178	313	IO	B15/F5	*	
ODSCB48	ODSC	004-168	014	IO NC48	B15/E0		
ODSCB48	004-178	004-178	314	IO	B15/F5	*	
ODSCB49	ODSC	004-168	015	IO NC49	B15/E0		
ODSCB49	004-178	004-178	315	IO	B15/F5	*	
ODSCB50	ODSC	004-168	016	IO NC50	B15/E0		
ODSCB50	004-178	004-178	316	IO	B15/F5	*	
ODSCB51	ODSC	004-168	017	IO NC51	B15/E0		
ODSCB51	004-178	004-178	317	IO	B15/F5	*	
ODSCB52	ODSC	004-168	018	IO NC52	B15/E0		
ODSCB52	004-178	004-178	318	IO	B15/F5	*	
ODSCB53	ODSC	004-168	019	IO NC53	B15/E0		
ODSCB53	004-178	004-178	319	IO	B15/F5	*	
ODSCB54	ODSC	004-168	020	IO NC54	B15/E0		
ODSCB54	004-178	004-178	320	IO	B15/F5	*	
ODSCB55	ODSC	004-168	021	IO NC55	B15/E0		
ODSCB55	004-178	004-178	321	IO	B15/F5	*	
ODSCB56	ODSC	004-168	022	IO NC56	B15/E0		
ODSCB56	004-178	004-178	322	IO	B15/F5	*	
ODSCB57	ODSC	004-168	023	IO NC57	B15/E0		
ODSCB57	004-178	004-178	323	IO	B15/F5	*	
ODSCB58	ODSC	004-168	024	IO NC58	B15/E0		
ODSCB58	004-178	004-178	324	IO	B15/F5	*	
ODSCB59	ODSC	004-168	032	IO NC59	B15/E0		
ODSCB59	004-178	004-178	332	IO	B15/F5	*	
ODSCB60	ODSC	004-168	033	IO NC60	B15/E0		
ODSCB60	004-178	004-178	333	IO	B15/F5	*	
ODSCB61	ODSC	004-168	034	IO NC61	B15/E0		
ODSCB61	004-178	004-178	334	IO	B15/F5	*	
ODSCB62	ODSC	004-168	035	IO NC62	B15/E0		
ODSCB62	004-178	004-178	335	IO	B15/F5	*	
ODSCB63	ODSC	004-168	036	IO NC63	B15/E0		
ODSCB63	004-178	004-178	336	IO	B15/F5	*	
ODSCB64	ODSC	004-168	037	IO NC64	B15/E0		
ODSCB64	004-178	004-178	337	IO	B15/F5	*	
ODSCB65	ODSC	004-168	038	IO NC65	B15/E0		
ODSCB65	004-178	004-178	338	IO	B15/F5	*	
ODSCB66	ODSC	004-168	039	IO NC66	B15/E0		
ODSCB66	004-178	004-178	339	IO	B15/F5	*	
ODSCB67	ODSC	004-168	040	IO NC67	B15/E0		
ODSCB67	004-178	004-178	340	IO	B15/F5	*	
ODSCB68	ODSC	004-168	041	IO NC68	B15/E0		
ODSCB68	004-178	004-178	341	IO	B15/F5	*	
ODSCB69	ODSC	004-168	042	IO NC69	B15/E0		
ODSCB69	004-178	004-178	342	IO	B15/F5	*	
ODSCB70	ODSC	004-168	043	IO NC70	B15/E0		
ODSCB70	004-178	004-178	343	IO	B15/F5	*	
ODSCB71	ODSC	004-168	044	IO NC71	B15/E0		
ODSCB71	004-178	004-178	344	IO	B15/F5	*	
ODSCB72	ODSC	004-168	045	IO NC72	B15/E0		

34 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
ODSCB72	004-178		004-178	345	IO	B15/F5	*
ODSCB73	ODSC		004-168	046	IO NC73	B15/B0	
ODSCB73	004-178		004-178	346	IO	B15/F5	*
ODSCB74	ODSC		004-168	047	IO NC74	B15/B0	
ODSCB74	004-178		004-178	347	IO	B15/F5	*
ODSCB75	ODSC		004-168	048	IO NC75	B15/B0	
ODSCB75	004-178		004-178	348	IO	B15/F5	*
ODSCB76	ODSC		004-168	049	IO NC76	B15/B0	
ODSCB76	004-178		004-178	349	IO	B15/F5	*
ODSCB77	ODSC		004-168	050	IO NC77	B15/B0	
ODSCB77	004-178		004-178	350	IO	B15/F5	*
ODSCB78	ODSC		004-168	051	IO NC78	B15/B0	
ODSCB78	004-178		004-178	351	IO	B15/F5	*
ODSCB79	ODSC		004-168	151	IO NC79	B15/B0	
ODSCB79	004-178		004-178	251	IO	B15/F5	*
ODSC_117	ODSC		004-168	117	O LPRN	B15/B0	
ODSC_117	ODSC		004-168	217	I VPPOEN	B15/B0	
ODSRA	OMEM1		004-050	152	IO DSRA	B4/E0	*
ODTHEN	OCS1		004-026	420	O DTHEN	B1/E1	
ODTHEN	004-033		004-033	013	IO	B1/F7	*
ODTHENX	004-011		004-011	032	IO	B18/B1	*
ODTHENX	004-018		004-018	342	IO	B18/B2	*
ODTRA	OMEM1		004-050	151	IO DTRA	B4/E0	*
ODUP	OCS1		004-026	421	O DUP	B1/E1	
ODUP	004-033		004-033	014	IO	B1/F7	*
ODUPX	004-011		004-011	033	IO	B18/B1	*
ODUPX	004-018		004-018	241	IO	B18/B2	*
ODUSCS0X	004-016		004-016	023	IO	B18/B1	*
ODUSCS0X	004-018		004-018	423	IO	B18/B2	*
ODUSEN	OCS2		004-034	543	I DUSEN	B2/E0	
ODUSEN	OCORE		004-042	339	O DUSEN	B3/E0	
OEADDR0	OEIBA		000-055R	004	IO EADDR0	B17/B0	
OEADDR0	004-050		004-050	504	IO	B17/F1	*
OEADDR0	004-055		004-055	004	IO	B17/F1	*
OEADDR1	OEIBA		000-055R	003	IO EADDR1	B17/B0	
OEADDR1	004-050		004-050	503	IO	B17/F0	*
OEADDR1	004-055		004-055	003	IO	B17/F1	*
OEADDR2	OEIBA		000-055R	002	IO EADDR2	B17/B0	
OEADDR2	004-050		004-050	502	IO	B17/F0	*
OEADDR2	004-055		004-055	002	IO	B17/F1	*
OEADDR3	OEIBA		000-055R	001	IO EADDR3	B17/B0	
OEADDR3	004-050		004-050	501	IO	B17/F0	*
OEADDR3	004-055		004-055	001	IO	B17/F1	*
OEADDR4	OEIBA		000-055R	006	IO EADDR4	B17/B0	
OEADDR4	004-050		004-050	506	IO	B17/F1	*
OEADDR4	004-055		004-055	006	IO	B17/F1	*
OEACCHDS	OCS2		004-034	351	O ECACHDS	B2/E0	
OEACCHDS	OCORE		004-042	351	I ECACHDS	B3/E0	
OEIBGRD	004-050		004-050	433	G	B19/B4	*
OEIBGRD	004-050		004-050	435	G	B19/B4	*
OEIBGRD	004-050		004-050	437	G	B19/B4	*
OEIBGRD	004-050		004-050	439	G	B19/B4	*
OEIBGRD	004-050		004-050	441	G	B19/B4	*
OEIBGRD	004-050		004-050	443	G	B19/B4	*
OEIBGRD	004-054		004-054	033	G	B19/B5	*
OEIBGRD	004-054		004-054	035	G	B19/B5	*
OEIBGRD	004-054		004-054	037	G	B19/B5	*
OEIBGRD	004-054		004-054	039	G	B19/B5	*
OEIBGRD	004-054		004-054	041	G	B19/B5	*
OEIBGRD	004-054		004-054	043	G	B19/B5	*
OEQP520	OCS2		004-034	441	I MACR1	B2/E0	
OEQP520	OCORE		004-042	041	O NC	B3/E0	
OFANC	OCS1		004-026	035	I FANC	B1/E1	
OFANC	004-032		004-032	024	IO	B1/B9	*
OFANO	OCS1		004-026	135	I FANO	B1/E1	
OFANO	OCS1		004-026	351	I BPFA0	B1/E1	
OFANO	004-032		004-032	023	IO	B1/B4	*
OFANRST	OCS1		004-026	416	O FANRST	B1/E1	

35 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
OFANRST	004-033		004-033	000	IO	B1/F8	*
OFANSC	OCS1		004-026	508	I FANSC	B1/B1	
OFANSC	004-033		004-033	001	IO	B1/B4	*
OFUSHCH	OCS2		004-034	350	O FLUSHCH	B2/E0	
OFUSHCH	OCORE		004-042	350	I FLUSHCH	B3/E0	
OFM1STP	OCS1		004-026	346	I FM1STP	B1/B1	
OFM1STP	004-033		004-033	046	IO	B1/B4	*
OFM2STP	OCS1		004-026	246	I FM2STP	B1/E1	
OFM2STP	004-032		004-032	046	IO	B1/B4	*
OFMACT	OCS1		004-026	350	I FMACT	B1/E1	
OFMACT	004-033		004-033	050	IO	B1/B4	*
OFMAFF	OCS1		004-026	248	I FMAFF	B1/E1	
OFMAFF	004-032		004-032	048	IO	B1/B4	*
OFMCNTER	OCS1		004-026	349	I FMCNTER	B1/E1	
OFMCNTER	004-033		004-033	049	IO	B1/B4	*
OFMDRQ	OCS1		004-026	348	I FMDRQ	B1/E1	
OFMDRQ	004-033		004-033	048	IO	B1/B4	*
OFMFIACT	OCS1		004-026	347	I FMFIACT	B1/E1	
OFMFIACT	004-033		004-033	047	IO	B1/B4	*
OFMOOS	OCS1		004-026	511	I FMOOS	B1/E1	
OFMOOS	004-033		004-033	035	IO	B1/B4	*
OFMPERR	OCS1		004-026	247	I FMPERR	B1/E1	
OFMPERR	004-032		004-032	047	IO	B1/B5	*
OFMPF	OCS1		004-026	411	I FMPF	B1/E1	
OFMPF	004-032		004-032	035	IO	B1/B2	*
OFMPF	OCORE		004-042	045	I MPF0	B3/E0	
OFMRQIP	OCS1		004-026	512	I FMRQIP	B1/E1	
OFMRQIP	004-033		004-033	036	IO	B1/B5	*
OFMRST	OCS1		004-026	249	I FMRST	B1/E1	
OFMRST	004-032		004-032	049	IO	B1/B5	*
OFMTHEN	OCS1		004-026	250	I FMTHEN	B1/E1	
OFMTHEN	004-032		004-032	050	IO	B1/B5	*
OFMUPDAT	OCS1		004-026	541	I FMUPDATE	B1/E1	
OFMUPDAT	004-033		004-033	040	IO	B1/B5	*
OFMWSC	OCS1		004-026	510	I FMWSC	B1/E1	
OFMWSC	004-033		004-033	034	IO	B1/B5	*
OFMXSC	OCS1		004-026	409	I FMXSCAN	B1/E1	
OFMXSC	004-032		004-032	033	IO	B1/B5	*
OFMYSC	OCS1		004-026	410	I FMYSC	B1/E1	
OFMYSC	004-032		004-032	034	IO	B1/B5	*
OFMZSC	OCS1		004-026	509	I FMZSC	B1/E1	
OFMZSC	004-033		004-033	033	IO	B1/B5	*
OFRCMER	OCS2		004-034	150	O FRCMER	B2/E0	
OFRCMER	OCORE		004-042	150	I FRCMER	B3/E0	
OFSUMIS	OCS2		004-034	438	O FSUMIS	B2/E0	
OFSUMIS	OAPPL1		004-088	412	I FSUMIS	B7/E1	
OFUTUR1	OCS2		004-034	541	I MACR2	B2/E0	*
OFUTUR1	OEIBLKJP		004-034R	541	IO FUTUR1	B2/E8	*
OFUTUR1	OCORE		004-042	141	O NC	B3/E0	
OFUTUR2	OCS2		004-034	542	I MACR3	B2/E0	
OFUTUR2	OCORE		004-042	241	O NC	B3/E0	
OFXREF	004-120		004-120	204	O	B14/B3	*
OFXREF	OCONN		004-156	250	I FXREF	B16/E4	*
OFXREF	ODLI		004-156	250	I FXREF	B14/E0	
OG2RSTSP	OCS1		004-026	536	I G2RSTSP	B1/E1	*
OGENESIS	OCS2		004-034	142	O GENESIS	B2/E0	
OGENESIS	OCORE		004-042	142	I GENESIS	B3/E0	
OGRD	OEIBA		000-055R	000	G GRD	B17/E0	
OGRD	OOPTRCVB		001-156R	207	G GRD	B16/E5	
OGRD	OOPTRCVB		001-156R	303	G GRD	B16/E5	
OGRD	OOPTRCVB		001-156R	307	G GRD	B16/E5	
OGRD	OBFIPOPT		002-156R	207	G GRD	B16/E7	
OGRD	OOPTB		002-156R	207	G GRD	B16/E8	
OGRD	OBFIPOPT		002-156R	215	G GRD	B16/E7	
OGRD	OOPTB		002-156R	215	G GRD	B16/E8	
OGRD	OBFIPOPT		002-156R	221	G GRD	B16/E7	
OGRD	OOPTB		002-156R	221	G GRD	B16/E8	

36 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
OGRD	OBFIPOPT		002-156R	303	G GRD	B16/E7	
OGRD	OOPTB		002-156R	303	G GRD	B16/E8	
OGRD	OBFIPOPT		002-156R	307	G GRD	B16/E7	
OGRD	OOPTB		002-156R	307	G GRD	B16/E8	
OGRD	OBFIPOPT		002-156R	320	G GRD	B16/E7	
OGRD	OOPTB		002-156R	320	G GRD	B16/E8	
OGRD	OOPTXMTB		003-156R	215	G GRD	B16/E6	
OGRD	OOPTXMTB		003-156R	221	G GRD	B16/E6	
OGRD	OOPTXMTB		003-156R	320	G GRD	B16/E6	
OGRD	004-010		004-010	032	G	B20/D0	*
OGRD	004-010		004-010	033	G	B20/D0	*
OGRD	004-010		004-010	034	G	B20/D0	*
OGRD	004-010		004-010	035	G	B20/D1	*
OGRD	004-010		004-010	036	G	B20/D1	*
OGRD	004-010		004-010	037	G	B20/D1	*
OGRD	004-010		004-010	038	G	B20/D1	*
OGRD	004-010		004-010	039	G	B20/D1	*
OGRD	OPWRCONV		004-012	000	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	001	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	032	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	033	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	034	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	035	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	036	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	037	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	038	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	039	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	040	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	041	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	042	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	043	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	100	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	101	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	119	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	132	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	133	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	134	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	135	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	136	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	137	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	138	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	139	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	140	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	141	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	142	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	143	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	200	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	201	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	232	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	233	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	234	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	235	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	236	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	237	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	238	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	239	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	240	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	241	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	242	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	243	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	300	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	301	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	332	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	333	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	334	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	335	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	336	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	337	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	338	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	339	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	340	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	341	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	342	G GRD	B1/E0	
OGRD	OPWRCONV		004-012	343	G GRD	B1/E0	
OGRD	004-016		004-016	000	G	B20/D1	*

37 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLC	XT	
0GRD	004-016	004-016	024	G	B20/D1	*	
0GRD	004-016	004-016	032	G	B20/D1	*	
0GRD	004-016	004-016	056	G	B20/D1	*	
0GRD	004-017	004-017	000	G	B20/D1	*	
0GRD	004-017	004-017	024	G	B20/D1	*	
0CRD	004-017	004-017	032	G	B20/D1	*	
0CRD	004-017	004-017	056	G	B20/D2	*	
0GRD	004-018	004-018	004	G	B20/D2	*	
0GRD	004-018	004-018	007	G	B20/D2	*	
0GRD	004-018	004-018	008	G	B20/D2	*	
0GRD	004-018	004-018	016	G	B20/D2	*	
0GRD	004-018	004-018	032	G	B20/D2	*	
0GRD	004-018	004-018	035	G	B20/D2	*	
0GRD	004-018	004-018	038	G	B20/D2	*	
0GRD	004-018	004-018	107	G	B20/D2	*	
0GRD	004-018	004-018	119	G	B20/D2	*	
0GRD	004-018	004-018	132	G	B20/D2	*	
0GRD	004-018	004-018	135	G	B20/D2	*	
0GRD	004-018	004-018	138	G	B20/D3	*	
0GRD	004-018	004-018	200	G	B20/D3	*	
0GRD	004-018	004-018	201	G	B20/D3	*	
0GRD	004-018	004-018	210	G	B20/D3	*	
0GRD	004-018	004-018	222	G	B20/D3	*	
0GRD	004-018	004-018	232	G	B20/D3	*	
0GRD	004-018	004-018	238	G	B20/D3	*	
0GRD	004-018	004-018	248	G	B20/D3	*	
0GRD	004-018	004-018	300	G	B20/D3	*	
0GRD	004-018	004-018	301	G	B20/D3	*	
0GRD	004-018	004-018	313	G	B20/D3	*	
0GRD	004-018	004-018	356	G	B20/D3	*	
0GRD	004-026	004-026	035 (ZA_ZI)	G	B1/F9	*	
0GRD	0CS1	004-026	038	G GRD	B1/E1		
0GRD	0CS1	004-026	044	G GRD	B1/E1		
0GRD	0CS1	004-026	045	O NC	B1/E1		
0GRD	0CS1	004-026	051	G GRD	B1/E1		
0GRD	0CS1	004-026	144	G GRD	B1/E1		
0GRD	0CS1	004-026	200	G GRD	B1/E1		
0GRD	0CS1	004-026	212	G GRD	B1/E1		
0GRD	0CS1	004-026	224	G GRD	B1/E1		
0GRD	0CS1	004-026	232	G GRD	B1/E1		
0GRD	0CS1	004-026	238	G GRD	B1/E1		
0GRD	0CS1	004-026	244	G GRD	B1/E1		
0GRD	0CS1	004-026	245	G GRD	B1/E1		
0GRD	0CS1	004-026	251	I PROCID	B1/E1		
0GRD	0CS1	004-026	300	G GRD	B1/E1		
0GRD	0CS1	004-026	312	G GRD	B1/E1		
0GRD	0CS1	004-026	324	G GRD	B1/E1		
0GRD	0CS1	004-026	332	G GRD	B1/E1		
0GRD	0CS1	004-026	344	G GRD	B1/E1		
0GRD	0CS1	004-026	356	G GRD	B1/E1		
0GRD	0CS1	004-026	419	G GRD	B1/E1		
0GRD	0CS1	004-026	437	G GRD	B1/E1		
0GRD	0CS1	004-026	456	G GRD	B1/E1		
0GRD	0CS1	004-026	540	G GRD	B1/E1		
0GRD	0CS1	004-026	556	G GRD	B1/E1		
0GRD	004-032	004-032	002	G	B20/D4	*	
0GRD	004-032	004-032	011	G	B20/D4	*	
0GRD	004-032	004-032	013	G	B20/D4	*	
0GRD	004-032	004-032	014	G	B20/D4	*	
0GRD	004-032	004-032	015	G	B20/D4	*	
0GRD	004-032	004-032	016	G	B20/D4	*	
0GRD	004-032	004-032	017	G	B20/D4	*	
0GRD	004-032	004-032	020	G	B20/D4	*	
0GRD	004-032	004-032	021	G	B20/D4	*	
0GRD	004-032	004-032	024 (ZA_ZI)	G	B1/F9	*	
0GRD	004-032	004-032	032	G	B20/D4	*	
0GRD	004-032	004-032	045	IO	B20/D4	*	
0GRD	004-033	004-033	024	G	B20/D4	*	
0GRD	0CS2	004-034	038	G GRD	B2/E0		
0GRD	0CS2	004-034	039	G GRD	B2/E0		
0GRD	0CS2	004-034	044	G GRD	B2/E0		
0GRD	0CS2	004-034	138	G GRD	B2/E0		
0GRD	0CS2	004-034	144	G GRD	B2/E0		
0GRD	0CS2	004-034	200	G GRD	B2/E0		
0GRD	0CS2	004-034	212	G GRD	B2/E0		
0CRD	0CS2	004-034	224	G GRD	B2/E0		
0GRD	0CS2	004-034	232	G GRD	B2/E0		
0GRD	0CS2	004-034	239	G GRD	B2/E0		
0GRD	0CS2	004-034	246	G GRD	B2/E0		
0GRD	0CS2	004-034	300	G GRD	B2/E0		
0GRD	0CS2	004-034	312	G GRD	B2/E0		
0GRD	0CS2	004-034	324	G GRD	B2/E0		
0GRD	0CS2	004-034	332	G GRD	B2/E0		
0CRD	0CS2	004-034	341	I MACRO	B2/E0		
0GRD	0CS2	004-034	356	G GRD	B2/E0		
0GRD	0CS2	004-034	400	G GRD	B2/E0		
0GRD	0CS2	004-034	412	G GRD	B2/E0		
0CRD	0CS2	004-034	424	G GRD	B2/E0		
0CRD	0CS2	004-034	439	G GRD	B2/E0	*	
0CRD	0CS2	004-034	444	G GRD	B2/E0		
0GRD	0CS2	004-034	446	G GRD	B2/E0		
0GRD	0CS2	004-034	456	G GRD	B2/E0		
0GRD	0CS2	004-034	500	G GRD	B2/E0		
0GRD	0CS2	004-034	512	G GRD	B2/E0		
0GRD	0CS2	004-034	524	G GRD	B2/E0		

38 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLC	XT	
0GRD	0CS2	004-034	532	G GRD	B2/E0		
0GRD	0CS2	004-034	539	G GRD	B2/E0		
0GRD	0CS2	004-034	544	G GRD	B2/E0		
0GRD	0CS2	004-034	556	G GRD	B2/E0		
0GRD	0BIBLKJP	004-034R	439	G GRD	B2/E8	*	
0GRD	0CORE	004-042	039	G GRD	B3/E0		
0GRD	0CORE	004-042	044	G GRD	B3/E0		
0GRD	0CORE	004-042	135	G GRD	B3/E0		
0GRD	0CORE	004-042	144	G GRD	B3/E0		
0GRD	0CORE	004-042	200	G GRD	B3/E0		
0GRD	0CORE	004-042	212	G GRD	B3/E0		
0GRD	0CORE	004-042	224	G GRD	B3/E0		
0GRD	0CORE	004-042	232	G GRD	B3/E0		
0GRD	0CORE	004-042	235	G GRD	B3/E0		
0GRD	0CORE	004-042	239	G GRD	B3/E0		
0GRD	0CORE	004-042	244	G GRD	B3/E0		
0GRD	0CORE	004-042	246	G GRD	B3/E0		
0GRD	0CORE	004-042	300	G GRD	B3/E0		
0GRD	0CORE	004-042	312	G GRD	B3/E0		
0GRD	0CORE	004-042	324	G GRD	B3/E0		
0GRD	0CORE	004-042	332	G GRD	B3/E0		
0GRD	0CORE	004-042	335	G GRD	B3/E0		
0GRD	0CORE	004-042	344	G GRD	B3/E0		
0GRD	0CORE	004-042	356	G GRD	B3/E0		
0GRD	0CORE	004-042	400	G GRD	B3/E0	*	
0GRD	0CORE	004-042	412	G GRD	B3/E0	*	
0GRD	0CORE	004-042	413	G GRD	B3/E0	*	
0GRD	0CORE	004-042	432	G GRD	B3/E0	*	
0GRD	0CORE	004-042	444	G GRD	B3/E0	*	
0GRD	0CORE	004-042	445	G GRD	B3/E0	*	
0GRD	0CORE	004-042	456	G GRD	B3/E0	*	
0GRD	0CORE	004-042	511	G GRD	B3/E0	*	
0GRD	0CORE	004-042	512	G GRD	B3/E0	*	
0GRD	0CORE	004-042	524	G GRD	B3/E0	*	
0GRD	0CORE	004-042	543	G GRD	B3/E0	*	
0GRD	0CORE	004-042	544	G GRD	B3/E0	*	
0GRD	0CORE	004-042	556	G GRD	B3/E0	*	
0GRD	0MEM1	004-050	035	I MBRDAD0	B4/E0		
0GRD	0MEM1	004-050	038	G GRD	B4/E0		
0GRD	0MEM1	004-050	039	G GRD	B4/E0		
0GRD	0MEM1	004-050	040	I MADIN00	B4/E0		
0GRD	0MEM1	004-050	041	I MADIN04	B4/E0		
0GRD	0MEM1	004-050	044	G GRD	B4/E0		
0GRD	0MEM1	004-050	045	G GRD	B4/E0		
0GRD	0MEM1	004-050	052	G GRD	B4/E0	*	
0GRD	0MEM1	004-050	135	I MBRDAD1	B4/E0		
0GRD	0MEM1	004-050	140	I MADIN01	B4/E0		
0GRD	0MEM1	004-050	141	I MADIN05	B4/E0		
0GRD	0MEM1	004-050	144	G GRD	B4/E0		
0GRD	0MEM1	004-050	200	G GRD	B4/E0		
0GRD	0MEM1	004-050	212	G GRD	B4/E0		
0GRD	0MEM1	004-050	224	G GRD	B4/E0		
0GRD	0MEM1	004-050	232	G GRD	B4/E0		
0GRD	0MEM1	004-050	238	G GRD	B4/E0		
0GRD	0MEM1	004-050	239	G GRD	B4/E0		
0GRD	0MEM1	004-050	240	I MADIN02	B4/E0		
0GRD	0MEM1	004-050	241	I MADIN06	B4/E0		
0GRD	0MEM1	004-050	244	G GRD	B4/E0		
0GRD	0MEM1	004-050	245	G GRD	B4/E0		
0GRD	0MEM1	004-050	246	G GRD	B4/E0		
0GRD	0MEM1	004-050	300	G GRD	B4/E0		
0GRD	0MEM1	004-050	312	G GRD	B4/E0		
0GRD	0MEM1	004-050	324	G GRD	B4/E0		
0GRD	0MEM1	004-050	332	G GRD	B4/E0		
0GRD	0MEM1	004-050	335	I MBRDAD3	B4/E0		
0GRD	0MEM1	004-050	340	I MADIN03	B4/E0		
0GRD	0MEM1	004-050	341	I MADIN07	B4/E0		
0GRD	0MEM1	004-050	344	G GRD	B4/E0		
0GRD	0MEM1	004-050	356	G GRD	B4/E0		
0GRD	004-054	004-054	032	G	B20/D5	*	
0GRD	004-054	004-054	034	G	B20/D5	*	
0GRD	004-054	004-054	036	G	B20/D5	*	
0GRD	004-054	004-054	038	G	B20/D5	*	
0GRD	004-054	004-054	040	G	B20/D5	*	
0GRD	004-054	004-054	042	G	B20/D5	*	
0GRD	004-054	004-054	045	G	B20/D5	*	
0GRD	004-054	004-054	046	G	B20/D5	*	
0GRD	004-054	004-054	047	G	B20/D5	*	
0GRD	004-054	004-054	048	G	B20/D5	*	
0GRD	004-054	004-054	049	G	B20/D5	*	
0GRD	004-054	004-054	050	G	B20/D5	*	
0GRD	004-054	004-054	051	G	B20/D5	*	
0GRD	004-054	004-054	052	G	B20/D6	*	
0GRD	004-054	004-054	053	G	B20/D6	*	
0GRD	004-054	004-054	054	G	B20/D6	*	
0GRD	004-054	004-054	055	G	B20/D6	*	
0GRD	004-054	004-054	056	G	B20/D6	*	
0GRD	004-055	004-055	012	G	B20/D6	*	
0GRD	004-055	004-055	044	G	B20/D6	*	
0GRD	0BIBI1	004-055R	033	G GRD	B17/E4		
0GRD	0BIBI1	004-055R	035	G GRD	B17/E4		
0GRD	0BIBI1	004-055R	037	G GRD	B17/E4		
0GRD	0BIBI1	004-055R	039	G GRD	B17/E4		
0GRD	0BIBI1	004-055R	041	G GRD	B17/E4		
0GRD	0BIBI1	004-055R	043	G GRD	B17/E4		

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46 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT
0GRD	004-150	004-150	056	G		B21/D4	*
0GRD	004-152	004-152	000	G		B21/D4	*
0GRD	004-152	004-152	013	G		B21/D4	*
0GRD	004-152	004-152	032	G		B21/D5	*
0GRD	004-152	004-152	045	G		B21/D5	*
0CRD	004-154	004-154	000	G		B21/D5	*
0CRD	004-154	004-154	001	G		B21/D5	*
0GRD	004-154	004-154	002	G		B21/D5	*
0GRD	004-154	004-154	003	G		B21/D5	*
0GRD	004-154	004-154	004	G		B21/D5	*
0GRD	004-154	004-154	005	G		B21/D5	*
0GRD	004-154	004-154	006	G		B21/D5	*
0GRD	004-154	004-154	012	G		B21/D5	*
0GRD	004-154	004-154	013	G		B21/D5	*
0GRD	004-154	004-154	014	G		B21/D5	*
0GRD	004-154	004-154	015	G		B21/D6	*
0GRD	004-154	004-154	016	G		B21/D6	*
0GRD	004-154	004-154	017	G		B21/D6	*
0GRD	004-154	004-154	018	G		B21/D6	*
0GRD	004-154	004-154	019	G		B21/D6	*
0GRD	004-154	004-154	020	G		B21/D6	*
0GRD	004-154	004-154	021	G		B21/D6	*
0GRD	004-154	004-154	022	G		B21/D6	*
0GRD	004-154	004-154	023	G		B21/D6	*
0GRD	004-154	004-154	024	G		B21/D6	*
0GRD	004-154	004-154	043	G		B21/D6	*
0GRD	004-154	004-154	056	G		B21/D6	*
0GRD	004-155	004-155	032	G		B21/D7	*
0GRD	004-155	004-155	033	G		B21/D7	*
0GRD	004-155	004-155	034	G		B21/D7	*
0GRD	004-155	004-155	035	G		B21/D7	*
0GRD	004-155	004-155	036	G		B21/D7	*
0GRD	004-155	004-155	037	G		B21/D7	*
0GRD	004-155	004-155	038	G		B21/D7	*
0GRD	004-155	004-155	039	G		B21/D7	*
0GRD	004-155	004-155	040	G		B21/D7	*
0GRD	004-155	004-155	041	G		B21/D7	*
0GRD	004-155	004-155	042	G		B21/D7	*
0GRD	004-155	004-155	043	G		B21/D7	*
0GRD	004-155	004-155	044	G		B21/D7	*
0GRD	004-155	004-155	045	G		B21/D8	*
0GRD	004-155	004-155	046	G		B21/D8	*
0GRD	004-155	004-155	047	G		B21/D8	*
0GRD	004-155	004-155	048	G		B21/D8	*
0GRD	004-155	004-155	049	G		B21/D8	*
0GRD	004-155	004-155	050	G		B21/D8	*
0GRD	004-155	004-155	051	G		B21/D8	*
0GRD	004-155	004-155	052	G		B21/D8	*
0GRD	004-155	004-155	053	G		B21/D8	*
0GRD	004-155	004-155	054	G		B21/D8	*
0GRD	004-155	004-155	055	G		B21/D8	*
0GRD	004-155	004-155	056	G		B21/D8	*
0GRD	0DLI	004-156	200	G	GRD	B14/E0	
0GRD	0DLI	004-156	201	G	GRD	B14/E0	
0GRD	0DLI	004-156	202	G	GRD	B14/E0	*
0GRD	0DLI	004-156	205	G	GRD	B14/E0	
0GRD	0DLI	004-156	207	G	GRD	B14/E0	
0GRD	0DLI	004-156	214	G	GRD	B14/E0	
0GRD	0DLI	004-156	215	G	GRD	B14/E0	
0GRD	0DLI	004-156	220	G	GRD	B14/E0	
0GRD	0DLI	004-156	221	G	GRD	B14/E0	*
0GRD	0DLI	004-156	234	G	GRD	B14/E0	*
0GRD	0DLI	004-156	240	G	GRD	B14/E0	*
0GRD	0DLI	004-156	252	G	GRD	B14/E0	*
0GRD	0DLI	004-156	256	I	UPFAREO	B14/E0	
0GRD	0DLI	004-156	300	G	GRD	B14/E0	*
0GRD	0DLI	004-156	301	G	GRD	B14/E0	
0GRD	0DLI	004-156	303	G	GRD	B14/E0	
0GRD	0DLI	004-156	307	G	GRD	B14/E0	*
0GRD	0DLI	004-156	320	G	GRD	B14/E0	
0GRD	0DLI	004-156	324	G	GRD	B14/E0	*
0GRD	0DLI	004-156	339	G	GRD	B14/E0	
0GRD	0DLI	004-156	348	G	GRD	B14/E0	
0GRD	0DLI	004-156	352	G	GRD	B14/E0	*
0GRD	0DLI	004-156	356	G	GRD	B14/E0	*
0CRD	0DSC	004-168	052	O	NINTV1N	B15/E0	*
0GRD	0DSC	004-168	106	G	GRD	B15/E0	
0GRD	0DSC	004-168	112	G	GRD	B15/E0	
0GRD	0DSC	004-168	118	G	GRD	B15/E0	
0GRD	0DSC	004-168	124	G	GRD	B15/E0	
0GRD	0DSC	004-168	132	G	GRD	B15/E0	
0GRD	0DSC	004-168	141	G	GRD	B15/E0	
0GRD	0DSC	004-168	150	G	GRD	B15/E0	
0CRD	0DSC	004-168	206	G	GRD	B15/E0	
0CRD	0DSC	004-168	212	G	GRD	B15/E0	
0GRD	0DSC	004-168	218	G	GRD	B15/E0	
0GRD	0DSC	004-168	224	G	GRD	B15/E0	
0CRD	0DSC	004-168	232	G	GRD	B15/E0	
0CRD	0DSC	004-168	241	G	GRD	B15/E0	
0CRD	0DSC	004-168	250	G	GRD	B15/E0	
0GRD	0DSC	004-168	252	G	NINTON	B15/E0	*
0GRD	004-172	004-172	013	G		B21/G1	*
0GRD	004-172	004-172	017	G		B21/G1	*
0GRD	004-172	004-172	019	G		B21/G1	*
0GRD	004-172	004-172	023	G		B21/G1	*

47	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT
0GRD	004-172	004-172	032	P		B21/G1	*
0GRD	004-172	004-172	036	P		B21/G1	*
0GRD	004-172	004-172	038	P		B21/G1	*
0GRD	004-172	004-172	042	F		B21/G1	*
0GRD	004-172	004-172	044	G		B21/G1	*
0GRD	004-172	004-172	045	F		B21/G1	*
0GRD	004-172	004-172	051	F		B21/G1	*
0GRD	004-173	004-173	013	G		B21/G2	*
0GRD	004-173	004-173	017	G		B21/G2	*
0GRD	004-173	004-173	019	G		B21/G2	*
0GRD	004-173	004-173	023	G		B21/G2	*
0GRD	004-173	004-173	032	P		B21/G2	*
0GRD	004-173	004-173	036	F		B21/G2	*
0GRD	004-173	004-173	038	P		B21/G2	*
0GRD	004-173	004-173	042	P		B21/G2	*
0GRD	004-173	004-173	044	G		B21/G2	*
0GRD	004-173	004-173	045	P		B21/G2	*
0GRD	004-173	004-173	051	P		B21/G2	*
0GRD	004-178	004-178	106	G		B21/G3	*
0GRD	004-178	004-178	112	G		B21/G3	*
0GRD	004-178	004-178	118	G		B21/G3	*
0GRD	004-178	004-178	124	G		B21/G3	*
0GRD	004-178	004-178	132	G		B21/G3	*
0GRD	004-178	004-178	141	G		B21/G3	*
0GRD	004-178	004-178	150	G		B21/G3	*
0GRD	004-178	004-178	206	G		B21/G3	*
0GRD	004-178	004-178	212	G		B21/G3	*
0GRD	004-178	004-178	218	G		B21/G3	*
0GRD	004-178	004-178	224	G		B21/G3	*
0GRD	004-178	004-178	232	G		B21/G3	*
0GRD	004-178	004-178	241	G		B21/G4	*
0GRD	004-178	004-178	250	G		B21/G4	*
0GRD	005-034	005-034	439	P		B21/G2	*
0GRD	0MTSSWB	005-155R	143	G	GRD	B14/D8	
0GRD	0MTSSWA	007-155R	056	G	GRD	B14/D7	
0GRD	0OPTRCVA	007-156R	352	G	GRD	B16/E0	
0GRDLUG	007-012	007-012	357	G		B17/F5	*
0GRDLUG	EG1	007-012-357	1	G	GRD1	B17/E5	
0GRDLUG	EG1	007-012-357	2	G	GRD2	B17/E5	
0GRDLUG	EG1	007-012-357	3	G	GRD3	B17/E5	
0GRDLUG	EG1	007-012-357	4	G	GRD4	B17/E5	
0GRDLUG	007-034	007-034	157	G		B17/F6	*
0GRDLUG	EG2	007-034-157	1	G	GRD1	B17/E6	
0GRDLUG	EG2	007-034-157	2	G	GRD2	B17/E6	
0GRDLUG	EG2	007-034-157	3	G	GRD3	B17/E6	
0GRDLUG	EG2	007-034-157	4	G	GRD4	B17/E6	
0GRDLUG	007-058	007-058	357	G		B17/F6	*
0GRDLUG	EG3	007-058-357	1	G	GRD1	B17/E6	
0GRDLUG	EG3	007-058-357	2	G	GRD2	B17/E6	
0GRDLUG	EG3	007-058-357	3	G	GRD3	B17/E6	
0GRDLUG	EG3	007-058-357	4	G	GRD4	B17/E6	
0GRDLUG	007-076	007-076	357	G		B17/F7	*
0GRDLUG	EG4	007-076-357	1	G	GRD1	B17/E7	
0GRDLUG	EG4	007-076-357	2	G	GRD2	B17/E7	
0GRDLUG	EG4	007-076-357	3	G	GRD3	B17/E7	
0GRDLUG	EG4	007-076-357	4	G	GRD4	B17/E7	
0GRDLUG	007-102	007-102	157	G		B17/F7	*
0GRDLUG	EG5	007-102-157	1	G	GRD1	B17/E7	
0GRDLUG	EG5	007-102-157	2	G	GRD2	B17/E7	
0GRDLUG	EG5	007-102-157	3	G	GRD3	B17/E7	
0GRDLUG	EG5	007-102-157	4	G	GRD4	B17/E7	
0GRDLUG	007-104	007-104	157	G		B17/F8	*
0GRDLUG	EG6	007-104-157	1	G	GRD1	B17/E8	
0GRDLUG	EG6	007-104-157	2	G	GRD2	B17/E8	
0GRDLUG	EG6	007-104-157	3	G	GRD3	B17/E8	
0GRDLUG	EG6	007-104-157	4	G	GRD4	B17/E8	
0GRDLUG	007-120	007-120	357	G		B17/F8	*
0GRDLUG	EG7	007-120-357	1	G	GRD1	B17/E8	
0GRDLUG	EG7	007-120-357	2	G	GRD2	B17/E8	
0GRDLUG	EG7	007-120-357	3	G	GRD3	B17/E8	
0GRDLUG	EG7	007-120-357	4	G	GRD4	B17/E8	
0GRDLUG	007-149	007-149	057	G		B17/F8	*
0GRDLUG	EG8	007-149-057	1	G	GRD1	B17/E8	
0GRDLUG	EG8	007-149-057	2	G	GRD2	B17/E8	
0GRDLUG	EG8	007-149-057	3	G	GRD3	B17/E8	
0GRDLUG	EG8	007-149-057	4	G	GRD4	B17/E8	
0GRDLUG	007-167	007-167	057	G		B17/F9	*
0GRDLUG	EG9	007-167-057	1	G	GRD1	B17/E9	
0GRDLUG	EG9	007-167-057	2	G	GRD2	B17/E9	
0GRDLUG	EG9	007-167-057	3	G	GRD3	B17/E9	
0GRDLUG	EG9	007-167-057	4	G	GRD4	B17/E9	
0ICACHDS	0CS2	004-034	052	O	ICACHDS	B2/E0	
0ICACHDS	0CORE	004-042	052	I	ICACHDS	B3/E0	
0IDLA0DI	0DI1	004-138	044	I	IDLOOP0	B12/E0	
0IDLA0DI	0TSI-SP	004-144	149	O	DIAI0	B13/E1	
0IDLB0DI	0DIO	004-130	044	I	IDLOOP0	B11/E0	
0IDLB0DI	0TSI-SP	004-144	049	O	DIBI0	B13/E1	
0IGCACHD	0CS2	004-034	250	O	IGCACHD	B2/E0	
0IGCACHD	0CORE	004-042	250	I	IGCACHD	B3/E0	
0IGPA021	004-116	004-116	009	O		B19/D1	*

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49 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OLAOPMTD	004-155	004-155	011	IO			B14/F4 *
OLAOPMTD	ODLI	004-156	245	O	LAOPMTD		B14/E0
OLAOPTMX	104-017	104-017	005	IO			B39/B1 *
OLAOPTMX	104-018	104-018	154	IO			B39/B2 *
OLAIPMTD	004-155	004-155	006	IO			B14/F4 *
OLAIPMTD	ODLI	004-156	244	O	LAIPMTD		B14/E0
OLAIPTMX	104-017	104-017	000	IO			B39/B1 *
OLAIPTMX	104-018	104-018	048	IO			B39/B2 *
OLARMTD	004-155	004-155	009	IO			B14/F4 *
OLARMTD	ODLI	004-156	246	O	LARMTD		B14/E0
OLARMTDX	104-017	104-017	003	IO			B39/B1 *
OLARMTDX	104-018	104-018	051	IO			B39/B2 *
OLBOPMTD	004-155	004-155	010	IO			B14/F4 *
OLBOPMTD	ODLI	004-156	243	O	LBOPMTD		B14/E0
OLBOPTMX	104-017	104-017	004	IO			B39/B1 *
OLBOPTMX	104-018	104-018	153	IO			B39/B2 *
OLBIPMTD	004-154	004-154	011	IO			B14/F4 *
OLBIPMTD	ODLI	004-156	242	O	LBIPMTD		B14/E0
OLBIPTMX	104-016	104-016	005	IO			B39/B1 *
OLBIPTMX	104-018	104-018	147	IO			B39/B2 *
OLBRMTD	004-155	004-155	008	IO			B14/F4 *
OLBRMTD	ODLI	004-156	241	O	LBRMTD		B14/E0
OLBRMTDX	104-017	104-017	002	IO			B39/B1 *
OLBRMTDX	104-018	104-018	050	IO			B39/B2 *
OLCKMTS	004-155	004-155	007	IO			B14/F4 *
OLCKMTS	ODLI	004-156	248	O	LCKMTS		B14/E0
OLCKMTSX	104-017	104-017	001	IO			B39/B1 *
OLCKMTSX	104-018	104-018	049	IO			B39/B2 *
OLDCACHE	OCS2	004-034	251	O	LDCACHE		B2/E0
OLDCACHE	OCORE	004-042	251	I	LDCACHE		B3/E0
OLIN	004-154	004-154	010	IO			B14/F3 *
OLIN	ODLI	004-156	247	O	LINT		B14/E0
OLIN24	004-120	004-120	303	IO			B18/C8 *
OLIN30	004-120	004-120	309	IO			B18/C8 *
OLINX	104-016	104-016	004	IO			B39/C1 *
OLINX	104-018	104-018	045	IO			B39/C2 *
OLIP24	004-120	004-120	302	IO			B18/C8 *
OLIP30	004-120	004-120	308	IO			B18/C8 *
OLOCOP	OCS2	004-034	247	I	LOCOP		B2/E0
LOLOCOP	OCORE	004-042	247	I	LOCOP		B3/E0
LOLOCOP	OAPPL1	004-088	053	O	LOCOP		B7/E1
OLVL4OP	OCS2	004-034	043	O	LVL4OP		B2/E0
OLVL4OP	OCORE	004-042	043	I	LVL4OP		B3/E0
OLVL4ACK	OCS2	004-034	053	I	LVL4ACK		B2/E0
OLVL4ACK	OCORE	004-042	053	O	LVL4ACK		B3/E0
OLVL4MAT	OCS2	004-034	143	O	LVL4MAT		B2/E0
OLVL4MAT	OCORE	004-042	143	I	LVL4MAT		B3/E0
OLVL5INT	OCS1	004-026	543	O	LVL5INT		B1/E1
OLVL5INT	OCORE	004-042	154	I	LVL5INT		B3/E0
OLVL6INT	OCORE	004-042	254	I	LVL6INT		B3/E0
OLVL6INT	OAPPL1	004-088	054	O	LVL6INT		B7/E1
OLVL7ACK	OCS1	004-026	151	I	LVL7ACK		B1/E1
OLVL7ACK	OCS2	004-034	154	I	LVL7ACK		B2/E0
OLVL7ACK	OCORE	004-042	253	O	LVL7ACK		B3/E0
OLVL7INT	OCS1	004-026	152	O	LVL7INT		B1/E1
OLVL7INT	OCORE	004-042	354	I	LVL7INT		B3/E0
OMAPER	OCS1	004-026	454	I	MAPER		B1/E1
OMAPER	MEM1	004-050	254	IO	MAPER		B4/E0
OMAPER	MEM2	004-058	254	IO	MAPER		B4/E4
OMAPER	MEM3	004-064	254	IO	MAPER		B5/E0
OMAPER	MEM4	004-070	254	IO	MAPER		B5/E5
OMAPER	MEM5	004-076	254	IO	MAPER		B6/E0
OMAPER	MEM6	004-082	254	IO	MAPER		B6/E5
OMAT8KIN	004-120	004-120	234	I			B18/C8 *
OMAT8KOT	004-120	004-120	235	O			B18/C8 *

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LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OMATEOP	OCS2	004-034	347	I	MATEOP		B2/E0
OMATEOP	OCORE	004-042	347	I	MATEOP		B3/E0
OMATEOP	OAPPL1	004-088	153	O	MATEOP		B7/E1
OMCFLY	OCS1	004-026	452	O	MCFLY		B1/E1
OMCFLY	MEM1	004-050	252	I	MCFLY		B4/E0
OMCFLY	MEM2	004-058	252	I	MCFLY		B4/E4
OMCFLY	MEM3	004-064	252	I	MCFLY		B5/E0
OMCFLY	MEM4	004-070	252	I	MCFLY		B5/E5
OMCFLY	MEM5	004-076	252	I	MCFLY		B6/E0
OMCFLY	MEM6	004-082	252	I	MCFLY		B6/E5
OMCYCLE	OCS1	004-026	438	I	MCYCLE		B1/E1
OMCYCLE	OCORE	004-042	042	O	MCYCO		B3/E0
OMEMSTST	OCS2	004-034	338	O	MEMSTST		B2/E0
OMEMSTST	MEM1	004-050	338	I	MEMSTST		B4/E0
OMEMSTST	MEM2	004-058	338	I	MEMSTST		B4/E4
OMEMSTST	MEM3	004-064	338	I	MEMSTST		B5/E0
OMEMSTST	MEM4	004-070	338	I	MEMSTST		B5/E5
OMEMSTST	MEM5	004-076	338	I	MEMSTST		B6/E0
OMEMSTST	MEM6	004-082	338	I	MEMSTST		B6/E5
OMENOUT	ODLI	004-156	255	O	MATENOUT		B14/E0 *
OMKCPINT	OCS1	004-026	542	I	MKCPINT		B1/E1
OMKCPINT	OCS2	004-034	449	O	MKCPINT		B2/E0
OMLTRDY	OCS1	004-026	551	I	MLTRDY		B1/E1
OMLTRDY	OCORE	004-042	152	O	MLTRDY		B3/E0
OMNOCKIN	004-120	004-120	236	I			B18/D8 *
OMNOCKOT	004-120	004-120	237	O			B18/D8 *
OMONINV	OCS1	004-026	436	I	MONINV		B1/E1
OMONINV	OCS2	004-034	546	O	MONINV		B2/E0
OMREFER	OCS1	004-026	453	I	MREFER		B1/E1
OMREFER	MEM1	004-050	253	O	MREFER		B4/E0
OMREFER	MEM2	004-058	253	O	MREFER		B4/E4
OMREFER	MEM3	004-064	253	O	MREFER		B5/E0
OMREFER	MEM4	004-070	253	O	MREFER		B5/E5
OMREFER	MEM5	004-076	253	O	MREFER		B6/E0
OMREFER	MEM6	004-082	253	O	MREFER		B6/E5
OMSAPER	OCS1	004-026	455	I	MSAPER		B1/E1
OMSAPER	MEM1	004-050	133	O	MSAPER		B4/E0
OMSAPER	MEM2	004-058	133	O	MSAPER		B4/E4
OMSAPER	MEM3	004-064	133	O	MSAPER		B5/E0
OMSAPER	MEM4	004-070	133	O	MSAPER		B5/E5
OMSAPER	MEM5	004-076	133	O	MSAPER		B6/E0
OMSAPER	MEM6	004-082	133	O	MSAPER		B6/E5
ONAE	OCS1	004-026	252	O	NAE		B1/E1
ONAE	OAPPL1	004-088	424	IO	NC		B7/E1
ONAE	OCIO	004-096	113	I	NAE		B8/E0
ONAE	OCII	004-104	113	I	NAE		B9/E0
ONAE	004-154	004-154	009	IO			B7/F7 *
ONAEX	104-016	104-016	003	IO			B39/C1 *
ONAEX	104-018	104-018	144	IO			B39/C2 *
ONCORBER	OCS1	004-026	554	I	NCORBER		B1/E1
ONCORBER	MEM1	004-050	354	O	NCORBER		B4/E0
ONCORBER	MEM2	004-058	354	O	NCORBER		B4/E4
ONCORBER	MEM3	004-064	354	O	NCORBER		B5/E0
ONCORBER	MEM4	004-070	354	O	NCORBER		B5/E5
ONCORBER	MEM5	004-076	354	O	NCORBER		B6/E0
ONCORBER	MEM6	004-082	354	O	NCORBER		B6/E5
ONONINT	OCS2	004-034	346	O	NONINT		B2/E0
ONONINT	OCORE	004-042	346	I	NONINT		B3/E0
OOPRMODE	OCS2	004-034	343	I	OPRMODE		B2/E0
OOPRMODE	OCORE	004-042	343	O	OPRMODE		B3/E0
OP5V	OPWRCONV	004-012	045	P	P5V		B1/E0
OP5V	OPWRCONV	004-012	046	P	P5V		B1/E0
OP5V	OPWRCONV	004-012	047	P	P5V		B1/E0
OP5V	OPWRCONV	004-012	048	P	P5V		B1/E0
OP5V	OPWRCONV	004-012	049	P	P5V		B1/E0
OP5V	OPWRCONV	004-012	050	P	P5V		B1/E0
OP5V	OPWRCONV	004-012	051	P	P5V		B1/E0
OP5V	OPWRCONV	004-012	052	P	P5V		B1/E0
OP5V	OPWRCONV	004-012	053	P	P5V		B1/E0
OP5V	OPWRCONV	004-012	054	P	P5V		B1/E0
OP5V	OPWRCONV	004-012	055	P	P5V		B1/E0
OP5V	OPWRCONV	004-012	056	P	P5V		B1/E0
OP5V	OPWRCONV	004-012	118	P	P5V		B1/E0
OP5V	OPWRCONV	004-012	145	P	P5V		B1/E0
OP5V	OPWRCONV	004-012	146	P	P5V		B1/E0
OP5V	OPWRCONV	004-012	147	P	P5V		B1/E0
OP5V	OPWRCONV	004-012	148	P	P5V		B1/E0
OP5V	OPWRCONV	004-012	149	P	P5V		B1/E0

51 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OP5V	OPWRCONV	004-012		150	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		151	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		152	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		153	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		154	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		155	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		156	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		245	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		246	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		247	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		248	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		249	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		250	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		251	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		252	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		253	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		254	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		255	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		256	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		345	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		346	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		347	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		348	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		349	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		350	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		351	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		352	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		353	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		354	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		355	P	P5V	B1/E0
OP5V	OPWRCONV	004-012		356	P	P5V	B1/E0
OP5V	004-018	004-018		412	P		B20/B0 *
OP5V	004-018	004-018		424	P		B20/B0 *
OP5V	004-018	004-018		444	P		B20/B0 *
OP5V	004-018	004-018		512	P		B20/B1 *
OP5V	004-018	004-018		532	P		B20/B1 *
OP5V	004-018	004-018		544	P		B20/B1 *
OP5V	OCS1	004-026		000	P	VCC	B1/E1
OP5V	OCS1	004-026		032	P	VCC	B1/E1
OP5V	OCS1	004-026		056	P	VCC	B1/E1
OP5V	OCS1	004-026		100	P	VCC	B1/E1
OP5V	OCS1	004-026		124	P	VCC	B1/E1
OP5V	OCS1	004-026		156	P	VCC	B1/E1
OP5V	OCS2	004-034		000	P	VCC	B2/E0
OP5V	OCS2	004-034		032	P	VCC	B2/E0
OP5V	OCS2	004-034		056	P	VCC	B2/E0
OP5V	OCS2	004-034		100	P	VCC	B2/E0
OP5V	OCS2	004-034		124	P	VCC	B2/E0
OP5V	OCS2	004-034		156	P	VCC	B2/E0
OP5V	OCS2	004-034		342	P	PVFP	B2/E0
OP5V	OCS2	004-034		462	P	PVCC	B2/E0
OP5V	OCORE	004-042		000	P	VCC	B3/E0
OP5V	OCORE	004-042		032	P	VCC	B3/E0
OP5V	OCORE	004-042		056	P	VCC	B3/E0
OP5V	OCORE	004-042		100	P	VCC	B3/E0
OP5V	OCORE	004-042		124	P	VCC	B3/E0
OP5V	OCORE	004-042		156	P	VCC	B3/E0
OP5V	OMEM1	004-050		000	P	VCC	B4/E0
OP5V	OMEM1	004-050		032	P	VCC	B4/E0
OP5V	OMEM1	004-050		056	P	VCC	B4/E0
OP5V	OMEM1	004-050		100	P	VCC	B4/E0
OP5V	OMEM1	004-050		124	P	VCC	B4/E0
OP5V	OMEM1	004-050		156	P	VCC	B4/E0
OP5V	004-054	004-054		012	P		B20/B2 *
OP5V	004-054	004-054		044	P		B20/B2 *
OP5V	OMEM2	004-058		000	P	VCC	B4/B4
OP5V	OMEM2	004-058		032	P	VCC	B4/B4
OP5V	OMEM2	004-058		056	P	VCC	B4/B4
OP5V	OMEM2	004-058		100	P	VCC	B4/B4
OP5V	OMEM2	004-058		124	P	VCC	B4/B4
OP5V	OMEM2	004-058		156	P	VCC	B4/B4
OP5V	OMEM3	004-064		000	P	VCC	B5/E0
OP5V	OMEM3	004-064		032	P	VCC	B5/E0
OP5V	OMEM3	004-064		056	P	VCC	B5/E0
OP5V	OMEM3	004-064		100	P	VCC	B5/E0

A

B

C

D

E

F

G

H

52 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OP5V	OMEM3		004-064	124	P	VCC	B5/E0
OP5V	OMEM3		004-064	156	P	VCC	B5/E0
OP5V	OMEM4		004-070	000	P	VCC	B5/E5
OP5V	OMEM4		004-070	032	P	VCC	B5/E5
OP5V	OMEM4		004-070	056	P	VCC	B5/E5
OP5V	OMEM4		004-070	100	P	VCC	B5/E5
OP5V	OMEM4		004-070	124	P	VCC	B5/E5
OP5V	OMEM4		004-070	156	P	VCC	B5/E5
OP5V	OMEM5		004-076	000	P	VCC	B6/E0
OP5V	OMEM5		004-076	032	P	VCC	B6/E0
OP5V	OMEM5		004-076	056	P	VCC	B6/E0
OP5V	OMEM5		004-076	100	P	VCC	B6/E0
OP5V	OMEM5		004-076	124	P	VCC	B6/E0
OP5V	OMEM5		004-076	156	P	VCC	B6/E0
OP5V	OMEM6		004-082	000	P	VCC	B6/E5
OP5V	OMEM6		004-082	032	P	VCC	B6/E5
OP5V	OMEM6		004-082	056	P	VCC	B6/E5
OP5V	OMEM6		004-082	100	P	VCC	B6/E5
OP5V	OMEM6		004-082	124	P	VCC	B6/E5
OP5V	OMEM6		004-082	156	P	VCC	B6/E5
OP5V	OAPPL1		004-088	000	P	VCC	B7/E1
OP5V	OAPPL1		004-088	032	P	VCC	B7/E1
OP5V	OAPPL1		004-088	056	P	VCC	B7/E1
OP5V	OAPPL1		004-088	100	P	VCC	B7/E1
OP5V	OAPPL1		004-088	124	P	VCC	B7/E1
OP5V	OAPPL1		004-088	156	P	VCC	B7/E1
OP5V	OCIO		004-096	000	P	+5	B8/E0
OP5V	OCIO		004-096	032	P	+5	B8/E0
OP5V	OCIO		004-096	100	P	+5	B8/E0
OP5V	OCIO		004-096	132	P	+5	B8/E0
OP5V	OCII		004-104	000	P	+5	B9/E0
OP5V	OCII		004-104	032	P	+5	B9/E0
OP5V	OCII		004-104	100	P	+5	B9/E0
OP5V	OCII		004-104	132	P	+5	B9/E0
OP5V	OPI		004-112	000	P	+5	B10/E0
OP5V	OPI		004-112	004	I	PPPGM0	B10/E0
OP5V	OPI		004-112	005	I	PGMW1	B10/E0
OP5V	OPI		004-112	010	I	PGMWCC1	B10/E0
OP5V	OPI		004-112	032	P	+5	B10/E0
OP5V	OPI		004-112	100	P	+5	B10/E0
OP5V	OPI		004-112	132	P	+5	B10/E0
OP5V			004-116	012	P		B20/B2 *
OP5V			004-116	044	P		B20/B2 *
OP5V			004-120	000	P		B20/B1 *
OP5V			004-120	004	P		B20/B1 *
OP5V			004-120	005	P		B20/B1 *
OP5V			004-120	010	P		B20/B1 *
OP5V			004-120	032	P		B20/B1 *
OP5V			004-120	100	P		B20/B1 *
OP5V			004-120	132	P		B20/B1 *
OP5V			004-120	412	P		B20/B1 *
OP5V			004-120	444	P		B20/B1 *
OP5V	ODIO		004-130	000	P	VCC	B11/E0
OP5V	ODIO		004-130	024	P	VCC	B11/E0
OP5V	ODIO		004-130	032	P	VCC	B11/E0
OP5V	ODIO		004-130	056	P	VCC	B11/E0
OP5V	ODIO		004-130	100	P	VCC	B11/E0
OP5V	ODIO		004-130	124	P	VCC	B11/E0
OP5V	ODIO		004-130	132	P	VCC	B11/E0
OP5V	ODIO		004-130	156	P	VCC	B11/E0
OP5V	ODI1		004-138	000	P	VCC	B12/E0
OP5V	ODI1		004-138	024	P	VCC	B12/E0
OP5V	ODI1		004-138	032	P	VCC	B12/E0
OP5V	ODI1		004-138	056	P	VCC	B12/E0
OP5V	ODI1		004-138	100	P	VCC	B12/E0
OP5V	ODI1		004-138	124	P	VCC	B12/E0
OP5V	ODI1		004-138	132	P	VCC	B12/E0
OP5V	ODI1		004-138	156	P	VCC	B12/E0
OP5V	OTSI-SP		004-144	000	P	P5V	B13/E1
OP5V	OTSI-SP		004-144	024	P	P5V	B13/E1
OP5V	OTSI-SP		004-144	032	P	P5V	B13/E1
OP5V	OTSI-SP		004-144	056	P	P5V	B13/E1
OP5V	OTSI-SP		004-144	100	P	P5V	B13/E1
OP5V	OTSI-SP		004-144	124	P	P5V	B13/E1
OP5V	OTSI-SP		004-144	132	P	P5V	B13/E1
OP5V	OTSI-SP		004-144	156	P	P5V	B13/E1
OPBJUMP5		004-120	004-120	039	IO		B18/B8 *
OPBJUMP5		004-120	004-120	040	IO		B18/B8 *
OPBJUMP6		004-120	004-120	052	IO		B18/B8 *
OPBJUMP6		004-120	004-120	053	IO		B18/B8 *
OPBJUMP7		004-120	004-120	139	IO		B18/B8 *
OPBJUMP7		004-120	004-120	140	IO		B18/B8 *
OPBJUMP8		004-120	004-120	152	IO		B18/B8 *
OPBJUMP8		004-120	004-120	153	IO		B18/C8 *
OPREAFF	OCS1		004-026	354	I	PREAFF	B1/E1
OPREAFF	OCS2		004-034	554	O	PREAFF	B2/E0
OPSR0M	OCS2		004-034	238	O	PSR0M	B2/E0
OPSR0M	OCORE		004-042	338	I	PSR0M	B3/E0
OPUMPEN	OCS1		004-026	154	O	PUMPEN	B1/E1

53 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OPUMPEN	OAPPL1		004-088	154	I	PUMPEN	B7/E1
ORCV+	004-050		004-050	552	I		B17/B2 *
ORCV+	004-055		004-055	052	I		B17/B3 *
ORCV+	0BIBI0		004-055R	052	I	RCV+	B17/E2
ORCV-	004-050		004-050	551	I		B17/B2 *
ORCV-	004-055		004-055	051	I		B17/B3 *
ORCV-	0BIBI0		004-055R	051	I	RCV-	B17/E2
ORCVDA	OMEM1		004-050	054	IO	RCVDA	B4/E0 *
ORDCACHE	OCS2		004-034	051	O	RDCACHE	B2/E0
ORDCACHE	OCORE		004-042	051	I	RDCACHE	B3/E0
ORDWP	OCS2		004-034	045	O	RDWP	B2/E0
ORDWP	OMEM1		004-050	048	I	RDWP	B4/E0
ORDWP	OMEM2		004-058	048	I	RDWP	B4/B4
ORDWP	OMEM3		004-064	048	I	RDWP	B5/E0
ORDWP	OMEM4		004-070	048	I	RDWP	B5/B5
ORDWP	OMEM5		004-076	048	I	RDWP	B6/E0
ORDWP	OMEM6		004-082	048	I	RDWP	B6/B5
ORDYTM	OCS1		004-026	439	O	RDYTM	B1/E1
ORDYTM	OCORE		004-042	341	I	RDYTM	B3/E0
ORESTART	OCS2		004-034	054	O	RESTART	B2/E0
ORESTART	OCORE		004-042	054	I	RESTART0	B3/E0
ORRCV	004-120		004-120	307	IO		B18/C8 *
ORSM1	OCS1		004-026	548	I	RSM1	B1/E1
ORSM1	004-033		004-033	011	IO		B1/B5 *
ORSM2	OCS1		004-026	352	I	RSM2	B1/E1
ORSM2	004-033		004-033	020	IO		B1/B5 *
ORSMJMP1	004-032		004-032	011 (K_M)	IO		B19/B1 *
ORSMJMP1	004-033		004-033	011 (K_M)	IO		B19/B2 *
ORSMJMP2	004-032		004-032	020 (M)	IO		B19/B1 *
ORSMJMP2	004-033		004-033	020 (M)	IO		B19/B2 *
ORTSA	OMEM1		004-050	153	IO	RTSA	B4/E0 *
ORXMIT	004-120		004-120	304	IO		B18/C8 *
OS13MHZ	OCS1		004-026	256	O	NC	B1/E1
OS13MHZ	OCS2		004-034	256	O	S13MHZ	B2/E0
OS13MHZ	OCORE		004-042	256	O	NC	B3/E0
OS13MHZ	OMEM1		004-050	256	I	S13MHZ	B4/E0
OS13MHZ	OMEM2		004-058	256	I	S13MHZ	B4/B4
OS13MHZ	OMEM3		004-064	256	I	S13MHZ	B5/E0
OS13MHZ	OMEM4		004-070	256	I	S13MHZ	B5/B5
OS13MHZ	OMEM5		004-076	256	I	S13MHZ	B6/E0
OS13MHZ	OMEM6		004-082	256	I	S13MHZ	B6/B5
OS13MHZ	OAPPL1		004-088	256	I	S13MHZ	B7/E1
OS16BYS0	OCS1		004-026	214	O	NC	B1/E1
OS16BYS0	OCS2		004-034	214	I	S16BYS0	B2/E0
OS16BYS0	OCORE		004-042	214	IO	S16BYS0	B3/E0
OS16BYS0	OMEM1		004-050	214	I	S16BYS0	B4/E0
OS16BYS0	OMEM2		004-058	214	I	S16BYS0	B4/B4
OS16BYS0	OMEM3		004-064	214	I	S16BYS0	B5/E0
OS16BYS0	OMEM4		004-070	214	I	S16BYS0	B5/B5
OS16BYS0	OMEM5		004-076	214	I	S16BYS0	B6/E0
OS16BYS0	OMEM6		004-082	214	I	S16BYS0	B6/B5
OS16BYS0	OAPPL1		004-088	214	I	S16BYS0	B7/E1
OS16BYS1	OCS1		004-026	314	O	NC	B1/E1
OS16BYS1	OCS2		004-034	314	I	S16BYS1	B2/E0
OS16BYS1	OCORE		004-042	314	IO	S16BYS1	B3/E0
OS16BYS1	OMEM1		004-050	314	I	S16BYS1	B4/E0
OS16BYS1	OMEM2		004-058	314	I	S16BYS1	B4/B4
OS16BYS1	OMEM3		004-064	314	I	S16BYS1	B5/E0
OS16BYS1	OMEM4		004-070	314	I	S16BYS1	B5/B5
OS16BYS1	OMEM5		004-076	314	I	S16BYS1	B6/E0
OS16BYS1	OMEM6		004-082	314	I	S16BYS1	B6/B5
OS16BYS1	OAPPL1		004-088	314	I	S16BYS1	B7/E1
OS16RDY	OCS1		004-026	113	O	NC	B1/E1
OS16RDY	OCS2		004-034	113	I	S16RDY	B2/E0
OS16RDY	OCORE		004-042	113	I	S16RDY	B3/E0
OS16RDY	OMEM1		004-050	113	IO	S16RDY	B4/E0
OS16RDY	OMEM2		004-058	113	IO	S16RDY	B4/B4
OS16RDY	OMEM3		004-064	113	IO	S16RDY	B5/E0
OS16RDY	OMEM4		004-070	113	IO	S16RDY	B5/B5
OS16RDY	OMEM5		004-076	113	IO	S16RDY	B6/E0
OS16RDY	OMEM6		004-082	113	IO	S16RDY	B6/B5
OS16RDY	OAPPL1		004-088	113	O	S16RDY	B7/E1
OS32BYS0	OCS1		004-026	010	O	NC	B1/E1
OS32BYS0	OCS2		004-034	010	I	S32BYS0	B2/E0
OS32BYS0	OCORE		004-042	010	IO	S32BYS0	B3/E0
OS32BYS0	OMEM1		004-050	010	I	S32BYS0	B4/E0

54 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OS32BYS0	OMEM2		004-058	010	I	S32BYS0	B4/B4
OS32BYS0	OMEM3		004-064	010	I	S32BYS0	B5/E0
OS32BYS0	OMEM4		004-070	010	I	S32BYS0	B5/B5
OS32BYS0	OMEM5		004-076	010	I	S32BYS0	B6/E0
OS32BYS0	OMEM6		004-082	010	I	S32BYS0	B6/B5
OS32BYS0	OAPPL1		004-088	010	IO	S32BYS0	B7/E1
OS32BYS1	OCS1		004-026	110	O	NC	B1/E1
OS32BYS1	OCS2		004-034	110	I	S32BYS1	B2/E0
OS32BYS1	OCORE		004-042	110	IO	S32BYS1	B3/E0
OS32BYS1	OMEM1		004-050	110	I	S32BYS1	B4/E0
OS32BYS1	OMEM2		004-058	110	I	S32BYS1	B4/B4
OS32BYS1	OMEM3		004-064	110	I	S32BYS1	B5/E0
OS32BYS1	OMEM4		004-070	110	I	S32BYS1	B5/B5
OS32BYS1	OMEM5		004-076	110	I	S32BYS1	B6/E0
OS32BYS1	OMEM6		004-082	110	I	S32BYS1	B6/B5
OS32BYS1	OAPPL1		004-088	110	IO	S32BYS1	B7/E1
OS32BYS2	OCS1		004-026	210	O	NC	B1/E1
OS32BYS2	OCS2		004-034	210	I	S32BYS2	B2/E0
OS32BYS2	OCORE		004-042	210	IO	S32BYS2	B3/E0
OS32BYS2	OMEM1		004-050	210	I	S32BYS2	B4/E0
OS32BYS2	OMEM2		004-058	210	I	S32BYS2	B4/B4
OS32BYS2	OMEM3		004-064	210	I	S32BYS2	B5/E0
OS32BYS2	OMEM4		004-070	210	I	S32BYS2	B5/B5
OS32BYS2	OMEM5		004-076	210	I	S32BYS2	B6/E0
OS32BYS2	OMEM6		004-082	210	I	S32BYS2	B6/B5
OS32BYS2	OAPPL1		004-088	210	IO	S32BYS2	B7/E1
OS32BYS3	OCS1		004-026	310	O	NC	B1/E1
OS32BYS3	OCS2		004-034	310	I	S32BYS3	B2/E0
OS32BYS3	OCORE		004-042	310	IO	S32BYS3	B3/E0
OS32BYS3	OMEM1		004-050	310	I	S32BYS3	B4/E0
OS32BYS3	OMEM2		004-058	310	I	S32BYS3	B4/B4
OS32BYS3	OMEM3		004-064	310	I	S32BYS3	B5/E0
OS32BYS3	OMEM4		004-070	310	I	S32BYS3	B5/B5
OS32BYS3	OMEM5		004-076	310	I	S32BYS3	B6/E0
OS32BYS3	OMEM6		004-082	310	I	S32BYS3	B6/B5
OS32BYS3	OAPPL1		004-088	310	IO	S32BYS3	B7/E1
OS32RDY	OCS1		004-026	213	O	NC	B1/E1
OS32RDY	OCS2		004-034	213	I	S32RDY	B2/E0
OS32RDY	OCORE		004-042	213	I	S32RDY	B3/E0
OS32RDY	OMEM1		004-050	213	O	S32RDY	B4/E0
OS32RDY	OMEM2		004-058	213	O	S32RDY	B4/B4
OS32RDY	OMEM3		004-064	213	O	S32RDY	B5/E0
OS32RDY	OMEM4		004-070	213	O	S32RDY	B5/B5
OS32RDY	OMEM5		004-076	213	O	S32RDY	B6/E0
OS32RDY	OMEM6		004-082	213	O	S32RDY	B6/B5
OS32RDY	OAPPL1		004-088	213	O	S32RDY	B7/E1
OS36MHZ	OCS1		004-026	132	I	S36MHZ	B1/E1
OS36MHZ	OCS2		004-034	132	O	S36MHZ	B2/E0
OS36MHZ	OCORE		004-042	132	NC	O	B3/E0
OS36MHZ	OMEM1		004-050	132	I	S36MHZ	B4/E0
OS36MHZ	OMEM2		004-058	132	I	S36MHZ	B4/B4
OS36MHZ	OMEM3		004-064	132	I	S36MHZ	B5/E0
OS36MHZ	OMEM4		004-070	132	I	S36MHZ	B5/B5
OS36MHZ	OMEM5		004-076	132	I	S36MHZ	B6/E0
OS36MHZ	OMEM6		004-082	132	I	S36MHZ	B6/B5
OS36MHZ	OAPPL1		004-088	132	I	S36MHZ	B7/E1
OS8RDY	OCS1		004-026	013	O	S8RDY	B1/E1
OS8RDY	OCS2		004-034	013	I	S8RDY	B2/E0
OS8RDY	OCORE		004-042	013	I	S8RDY	B3/E0
OS8RDY	OMEM1		004-050	013	O	S8RDY	B4/E0
OS8RDY	OMEM2		004-058	013	O	S8RDY	B4/B4
OS8RDY	OMEM3		004-064	013	O	S8RDY	B5/E0
OS8RDY	OMEM4		004-070	013	O	S8RDY	B5/B5
OS8RDY	OMEM5		004-076	013	O	S8RDY	B6/E0
OS8RDY	OMEM6		004-082	013	O	S8RDY	B6/B5
OS8RDY	OAPPL1		004-088	013	O	S8RDY	B7/E1
OSADD00	OCS1		004-026	002	I	SADD00	B1/E1
OSADD00	OCS2		004-034	002	I	SADD00	B2/E0

A

B

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E

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H

55 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OSADD00	OCORE	004-042	002	IO	SADD00	B3/E0	
OSADD00	OMEM1	004-050	002	I	SADD00	B4/E0	
OSADD00	OMEM2	004-058	002	I	SADD00	B4/E4	
OSADD00	OMEM3	004-064	002	I	SADD00	B5/E0	
OSADD00	OMEM4	004-070	002	I	SADD00	B5/E5	
OSADD00	OMEM5	004-076	002	I	SADD00	B6/E0	
OSADD00	OMEM6	004-082	002	I	SADD00	B6/E5	
OSADD00	OAPPL1	004-088	002	IO	SADD00	B7/E1	
OSADD01	OCS1	004-026	102	I	SADD01	B1/E1	
OSADD01	OCS2	004-034	102	I	SADD01	B2/E0	
OSADD01	OCORE	004-042	102	IO	SADD01	B3/E0	
OSADD01	OMEM1	004-050	102	I	SADD01	B4/E0	
OSADD01	OMEM2	004-058	102	I	SADD01	B4/E4	
OSADD01	OMEM3	004-064	102	I	SADD01	B5/E0	
OSADD01	OMEM4	004-070	102	I	SADD01	B5/E5	
OSADD01	OMEM5	004-076	102	I	SADD01	B6/E0	
OSADD01	OMEM6	004-082	102	I	SADD01	B6/E5	
OSADD01	OAPPL1	004-088	102	IO	SADD01	B7/E1	
OSADD02	OCS1	004-026	202	I	SADD02	B1/E1	
OSADD02	OCS2	004-034	202	I	SADD02	B2/E0	
OSADD02	OCORE	004-042	202	IO	SADD02	B3/E0	
OSADD02	OMEM1	004-050	202	I	SADD02	B4/E0	
OSADD02	OMEM2	004-058	202	I	SADD02	B4/E4	
OSADD02	OMEM3	004-064	202	I	SADD02	B5/E0	
OSADD02	OMEM4	004-070	202	I	SADD02	B5/E5	
OSADD02	OMEM5	004-076	202	I	SADD02	B6/E0	
OSADD02	OMEM6	004-082	202	I	SADD02	B6/E5	
OSADD02	OAPPL1	004-088	202	IO	SADD02	B7/E1	
OSADD03	OCS1	004-026	302	I	SADD03	B1/E1	
OSADD03	OCS2	004-034	302	I	SADD03	B2/E0	
OSADD03	OCORE	004-042	302	IO	SADD03	B3/E0	
OSADD03	OMEM1	004-050	302	I	SADD03	B4/E0	
OSADD03	OMEM2	004-058	302	I	SADD03	B4/E4	
OSADD03	OMEM3	004-064	302	I	SADD03	B5/E0	
OSADD03	OMEM4	004-070	302	I	SADD03	B5/E5	
OSADD03	OMEM5	004-076	302	I	SADD03	B6/E0	
OSADD03	OMEM6	004-082	302	I	SADD03	B6/E5	
OSADD03	OAPPL1	004-088	302	IO	SADD03	B7/E1	
OSADD04	OCS1	004-026	003	I	SADD04	B1/E1	
OSADD04	OCS2	004-034	003	I	SADD04	B2/E0	
OSADD04	OCORE	004-042	003	IO	SADD04	B3/E0	
OSADD04	OMEM1	004-050	003	I	SADD04	B4/E0	
OSADD04	OMEM2	004-058	003	I	SADD04	B4/E4	
OSADD04	OMEM3	004-064	003	I	SADD04	B5/E0	
OSADD04	OMEM4	004-070	003	I	SADD04	B5/E5	
OSADD04	OMEM5	004-076	003	I	SADD04	B6/E0	
OSADD04	OMEM6	004-082	003	I	SADD04	B6/E5	
OSADD04	OAPPL1	004-088	003	IO	SADD04	B7/E1	
OSADD05	OCS1	004-026	103	I	SADD05	B1/E1	
OSADD05	OCS2	004-034	103	I	SADD05	B2/E0	
OSADD05	OCORE	004-042	103	IO	SADD05	B3/E0	
OSADD05	OMEM1	004-050	103	I	SADD05	B4/E0	
OSADD05	OMEM2	004-058	103	I	SADD05	B4/E4	
OSADD05	OMEM3	004-064	103	I	SADD05	B5/E0	
OSADD05	OMEM4	004-070	103	I	SADD05	B5/E5	
OSADD05	OMEM5	004-076	103	I	SADD05	B6/E0	
OSADD05	OMEM6	004-082	103	I	SADD05	B6/E5	
OSADD05	OAPPL1	004-088	103	IO	SADD05	B7/E1	
OSADD06	OCS1	004-026	203	I	SADD06	B1/E1	
OSADD06	OCS2	004-034	203	I	SADD06	B2/E0	
OSADD06	OCORE	004-042	203	IO	SADD06	B3/E0	
OSADD06	OMEM1	004-050	203	I	SADD06	B4/E0	
OSADD06	OMEM2	004-058	203	I	SADD06	B4/E4	
OSADD06	OMEM3	004-064	203	I	SADD06	B5/E0	
OSADD06	OMEM4	004-070	203	I	SADD06	B5/E5	
OSADD06	OMEM5	004-076	203	I	SADD06	B6/E0	
OSADD06	OMEM6	004-082	203	I	SADD06	B6/E5	
OSADD06	OAPPL1	004-088	203	IO	SADD06	B7/E1	
OSADD07	OCS1	004-026	303	I	SADD07	B1/E1	
OSADD07	OCS2	004-034	303	I	SADD07	B2/E0	
OSADD07	OCORE	004-042	303	IO	SADD07	B3/E0	
OSADD07	OMEM1	004-050	303	I	SADD07	B4/E0	
OSADD07	OMEM2	004-058	303	I	SADD07	B4/E4	
OSADD07	OMEM3	004-064	303	I	SADD07	B5/E0	
OSADD07	OMEM4	004-070	303	I	SADD07	B5/E5	
OSADD07	OMEM5	004-076	303	I	SADD07	B6/E0	
OSADD07	OMEM6	004-082	303	I	SADD07	B6/E5	
OSADD07	OAPPL1	004-088	303	IO	SADD07	B7/E1	
OSADD08	OCS1	004-026	004	I	SADD08	B1/E1	
OSADD08	OCS2	004-034	004	I	SADD08	B2/E0	
OSADD08	OCORE	004-042	004	IO	SADD08	B3/E0	
OSADD08	OMEM1	004-050	004	I	SADD08	B4/E0	
OSADD08	OMEM2	004-058	004	I	SADD08	B4/E4	
OSADD08	OMEM3	004-064	004	I	SADD08	B5/E0	
OSADD08	OMEM4	004-070	004	I	SADD08	B5/E5	
OSADD08	OMEM5	004-076	004	I	SADD08	B6/E0	
OSADD08	OMEM6	004-082	004	I	SADD08	B6/E5	

56 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OSADD08	OAPPL1	004-088	004	IO	SADD08	B7/E1	
OSADD09	OCS1	004-026	104	I	SADD09	B1/E1	
OSADD09	OCS2	004-034	104	I	SADD09	B2/E0	
OSADD09	OCORE	004-042	104	IO	SADD09	B3/E0	
OSADD09	OMEM1	004-050	104	I	SADD09	B4/E0	
OSADD09	OMEM2	004-058	104	I	SADD09	B4/E4	
OSADD09	OMEM3	004-064	104	I	SADD09	B5/E0	
OSADD09	OMEM4	004-070	104	I	SADD09	B5/E5	
OSADD09	OMEM5	004-076	104	I	SADD09	B6/E0	
OSADD09	OMEM6	004-082	104	I	SADD09	B6/E5	
OSADD09	OAPPL1	004-088	104	IO	SADD09	B7/E1	
OSADD10	OCS1	004-026	204	I	SADD10	B1/E1	
OSADD10	OCS2	004-034	204	I	SADD10	B2/E0	
OSADD10	OCORE	004-042	204	IO	SADD10	B3/E0	
OSADD10	OMEM1	004-050	204	I	SADD10	B4/E0	
OSADD10	OMEM2	004-058	204	I	SADD10	B4/E4	
OSADD10	OMEM3	004-064	204	I	SADD10	B5/E0	
OSADD10	OMEM4	004-070	204	I	SADD10	B5/E5	
OSADD10	OMEM5	004-076	204	I	SADD10	B6/E0	
OSADD10	OMEM6	004-082	204	I	SADD10	B6/E5	
OSADD10	OAPPL1	004-088	204	IO	SADD10	B7/E1	
OSADD11	OCS1	004-026	304	I	SADD11	B1/E1	
OSADD11	OCS2	004-034	304	I	SADD11	B2/E0	
OSADD11	OCORE	004-042	304	IO	SADD11	B3/E0	
OSADD11	OMEM1	004-050	304	I	SADD11	B4/E0	
OSADD11	OMEM2	004-058	304	I	SADD11	B4/E4	
OSADD11	OMEM3	004-064	304	I	SADD11	B5/E0	
OSADD11	OMEM4	004-070	304	I	SADD11	B5/E5	
OSADD11	OMEM5	004-076	304	I	SADD11	B6/E0	
OSADD11	OMEM6	004-082	304	I	SADD11	B6/E5	
OSADD11	OAPPL1	004-088	304	IO	SADD11	B7/E1	
OSADD12	OCS1	004-026	005	I	SADD12	B1/E1	
OSADD12	OCS2	004-034	005	I	SADD12	B2/E0	
OSADD12	OCORE	004-042	005	IO	SADD12	B3/E0	
OSADD12	OMEM1	004-050	005	I	SADD12	B4/E0	
OSADD12	OMEM2	004-058	005	I	SADD12	B4/E4	
OSADD12	OMEM3	004-064	005	I	SADD12	B5/E0	
OSADD12	OMEM4	004-070	005	I	SADD12	B5/E5	
OSADD12	OMEM5	004-076	005	I	SADD12	B6/E0	
OSADD12	OMEM6	004-082	005	I	SADD12	B6/E5	
OSADD12	OAPPL1	004-088	005	IO	SADD12	B7/E1	
OSADD13	OCS1	004-026	105	I	SADD13	B1/E1	
OSADD13	OCS2	004-034	105	I	SADD13	B2/E0	
OSADD13	OCORE	004-042	105	IO	SADD13	B3/E0	
OSADD13	OMEM1	004-050	105	I	SADD13	B4/E0	
OSADD13	OMEM2	004-058	105	I	SADD13	B4/E4	
OSADD13	OMEM3	004-064	105	I	SADD13	B5/E0	
OSADD13	OMEM4	004-070	105	I	SADD13	B5/E5	
OSADD13	OMEM5	004-076	105	I	SADD13	B6/E0	
OSADD13	OMEM6	004-082	105	I	SADD13	B6/E5	
OSADD13	OAPPL1	004-088	105	IO	SADD13	B7/E1	
OSADD14	OCS1	004-026	205	I	SADD14	B1/E1	
OSADD14	OCS2	004-034	205	I	SADD14	B2/E0	
OSADD14	OCORE	004-042	205	IO	SADD14	B3/E0	
OSADD14	OMEM1	004-050	205	I	SADD14	B4/E0	
OSADD14	OMEM2	004-058	205	I	SADD14	B4/E4	
OSADD14	OMEM3	004-064	205	I	SADD14	B5/E0	
OSADD14	OMEM4	004-070	205	I	SADD14	B5/E5	
OSADD14	OMEM5	004-076	205	I	SADD14	B6/E0	
OSADD14	OMEM6	004-082	205	I	SADD14	B6/E5	
OSADD14	OAPPL1	004-088	205	IO	SADD14	B7/E1	
OSADD15	OCS1	004-026	305	I	SADD15	B1/E1	
OSADD15	OCS2	004-034	305	I	SADD15	B2/E0	
OSADD15	OCORE	004-042	305	IO	SADD15	B3/E0	
OSADD15	OMEM1	004-050	305	I	SADD15	B4/E0	
OSADD15	OMEM2	004-058	305	I	SADD15	B4/E4	
OSADD15	OMEM3	004-064	305	I	SADD15	B5/E0	
OSADD15	OMEM4	004-070	305	I	SADD15	B5/E5	
OSADD15	OMEM5	004-076	305	I	SADD15	B6/E0	
OSADD15	OMEM6	004-082	305	I	SADD15	B6/E5	
OSADD15	OAPPL1	004-088	305	IO	SADD15	B7/E1	
OSADD16	OCS1	004-026	006	I	SADD16	B1/E1	
OSADD16	OCS2	004-034	006	I	SADD16	B2/E0	
OSADD16	OCORE	004-042	006	IO	SADD16	B3/E0	
OSADD16	OMEM1	004-050	006	I	SADD16	B4/E0	
OSADD16	OMEM2	004-058	006	I	SADD16	B4/E4	
OSADD16	OMEM3	004-064	006	I	SADD16	B5/E0	
OSADD16	OMEM4	004-070	006	I	SADD16	B5/E5	
OSADD16	OMEM5	004-076	006	I	SADD16	B6/E0	
OSADD16	OMEM6	004-082	006	I	SADD16	B6/E5	
OSADD16	OAPPL1	004-088	006	O	SADD16	B7/E1	
OSADD17	OCS1	004-026	106	I	SADD17	B1/E1	
OSADD17	OCS2	004-034	106	I	SADD17	B2/E0	
OSADD17	OCORE	004-042	106	IO	SADD17	B3/E0	
OSADD17	OMEM1	004-050	106	I	SADD17	B4/E0	
OSADD17	OMEM2	004-058	106	I	SADD17	B4/E4	

57 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OSADD17	OMEM3		004-064	106	I	SADD17	B5/E0
OSADD17	OMEM4		004-070	106	I	SADD17	B5/E5
OSADD17	OMEM5		004-076	106	I	SADD17	B6/E0
OSADD17	OMEM6		004-082	106	I	SADD17	B6/E5
OSADD17	OAPFL1		004-088	106	O	SADD17	B7/E1
OSADD18	OC51		004-026	206	I	SADD18	B1/E1
OSADD18	OC52		004-034	206	I	SADD18	B2/E0
OSADD18	OCORE		004-042	206	IO	SADD18	B3/E0
OSADD18	OMEM1		004-050	206	I	SADD18	B4/E0
OSADD18	OMEM2		004-058	206	I	SADD18	B4/E4
OSADD18	OMEM3		004-064	206	I	SADD18	B5/E0
OSADD18	OMEM4		004-070	206	I	SADD18	B5/E5
OSADD18	OMEM5		004-076	206	I	SADD18	B6/E0
OSADD18	OMEM6		004-082	206	I	SADD18	B6/E5
OSADD18	OAPFL1		004-088	206	O	SADD18	B7/E1
OSADD19	OC51		004-026	306	I	SADD19	B1/E1
OSADD19	OC52		004-034	306	I	SADD19	B2/E0
OSADD19	OCORE		004-042	306	IO	SADD19	B3/E0
OSADD19	OMEM1		004-050	306	I	SADD19	B4/E0
OSADD19	OMEM2		004-058	306	I	SADD19	B4/E4
OSADD19	OMEM3		004-064	306	I	SADD19	B5/E0
OSADD19	OMEM4		004-070	306	I	SADD19	B5/E5
OSADD19	OMEM5		004-076	306	I	SADD19	B6/E0
OSADD19	OMEM6		004-082	306	I	SADD19	B6/E5
OSADD19	OAPFL1		004-088	306	O	SADD19	B7/E1
OSADD20	OC51		004-026	007	I	SADD20	B1/E1
OSADD20	OC52		004-034	007	I	SADD20	B2/E0
OSADD20	OCORE		004-042	007	IO	SADD20	B3/E0
OSADD20	OMEM1		004-050	007	I	SADD20	B4/E0
OSADD20	OMEM2		004-058	007	I	SADD20	B4/E4
OSADD20	OMEM3		004-064	007	I	SADD20	B5/E0
OSADD20	OMEM4		004-070	007	I	SADD20	B5/E5
OSADD20	OMEM5		004-076	007	I	SADD20	B6/E0
OSADD20	OMEM6		004-082	007	I	SADD20	B6/E5
OSADD20	OAPFL1		004-088	007	O	SADD20	B7/E1
OSADD21	OC51		004-026	107	I	SADD21	B1/E1
OSADD21	OC52		004-034	107	I	SADD21	B2/E0
OSADD21	OCORE		004-042	107	IO	SADD21	B3/E0
OSADD21	OMEM1		004-050	107	I	SADD21	B4/E0
OSADD21	OMEM2		004-058	107	I	SADD21	B4/E4
OSADD21	OMEM3		004-064	107	I	SADD21	B5/E0
OSADD21	OMEM4		004-070	107	I	SADD21	B5/E5
OSADD21	OMEM5		004-076	107	I	SADD21	B6/E0
OSADD21	OMEM6		004-082	107	I	SADD21	B6/E5
OSADD21	OAPFL1		004-088	107	O	SADD21	B7/E1
OSADD22	OC51		004-026	207	I	SADD22	B1/E1
OSADD22	OC52		004-034	207	I	SADD22	B2/E0
OSADD22	OCORE		004-042	207	IO	SADD22	B3/E0
OSADD22	OMEM1		004-050	207	I	SADD22	B4/E0
OSADD22	OMEM2		004-058	207	I	SADD22	B4/E4
OSADD22	OMEM3		004-064	207	I	SADD22	B5/E0
OSADD22	OMEM4		004-070	207	I	SADD22	B5/E5
OSADD22	OMEM5		004-076	207	I	SADD22	B6/E0
OSADD22	OMEM6		004-082	207	I	SADD22	B6/E5
OSADD22	OAPFL1		004-088	207	O	SADD22	B7/E1
OSADD23	OC51		004-026	307	I	SADD23	B1/E1
OSADD23	OC52		004-034	307	I	SADD23	B2/E0
OSADD23	OCORE		004-042	307	IO	SADD23	B3/E0
OSADD23	OMEM1		004-050	307	I	SADD23	B4/E0
OSADD23	OMEM2		004-058	307	I	SADD23	B4/E4
OSADD23	OMEM3		004-064	307	I	SADD23	B5/E0
OSADD23	OMEM4		004-070	307	I	SADD23	B5/E5
OSADD23	OMEM5		004-076	307	I	SADD23	B6/E0
OSADD23	OMEM6		004-082	307	I	SADD23	B6/E5
OSADD23	OAPFL1		004-088	307	O	SADD23	B7/E1
OSADD24	OC51		004-026	008	I	SADD24	B1/E1
OSADD24	OC52		004-034	008	I	SADD24	B2/E0
OSADD24	OCORE		004-042	008	IO	SADD24	B3/E0

A

B

C

D

E

F

G

H

58 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OSADD24	OMEM1	004-050	008	I	SADD24	B4/E0	
OSADD24	OMEM2	004-058	008	I	SADD24	B4/E4	
OSADD24	OMEM3	004-064	008	I	SADD24	B5/E0	
OSADD24	OMEM4	004-070	008	I	SADD24	B5/E5	
OSADD24	OMEM5	004-076	008	I	SADD24	B6/E0	
OSADD24	OMEM6	004-082	008	I	SADD24	B6/E5	
OSADD24	OAPPL1	004-088	008	O	SADD24	B7/E1	
OSADD25	OCS1	004-026	108	I	SADD25	B1/E1	
OSADD25	OCS2	004-034	108	I	SADD25	B2/E0	
OSADD25	OCORE	004-042	108	IO	SADD25	B3/E0	
OSADD25	OMEM1	004-050	108	I	SADD25	B4/E0	
OSADD25	OMEM2	004-058	108	I	SADD25	B4/E4	
OSADD25	OMEM3	004-064	108	I	SADD25	B5/E0	
OSADD25	OMEM4	004-070	108	I	SADD25	B5/E5	
OSADD25	OMEM5	004-076	108	I	SADD25	B6/E0	
OSADD25	OMEM6	004-082	108	I	SADD25	B6/E5	
OSADD25	OAPPL1	004-088	108	O	SADD25	B7/E1	
OSADD26	OCS1	004-026	208	I	SADD26	B1/E1	
OSADD26	OCS2	004-034	208	I	SADD26	B2/E0	
OSADD26	OCORE	004-042	208	IO	SADD26	B3/E0	
OSADD26	OMEM1	004-050	208	I	SADD26	B4/E0	
OSADD26	OMEM2	004-058	208	I	SADD26	B4/E4	
OSADD26	OMEM3	004-064	208	I	SADD26	B5/E0	
OSADD26	OMEM4	004-070	208	I	SADD26	B5/E5	
OSADD26	OMEM5	004-076	208	I	SADD26	B6/E0	
OSADD26	OMEM6	004-082	208	I	SADD26	B6/E5	
OSADD26	OAPPL1	004-088	208	O	SADD26	B7/E1	
OSADD27	OCS1	004-026	308	I	SADD27	B1/E1	
OSADD27	OCS2	004-034	308	I	SADD27	B2/E0	
OSADD27	OCORE	004-042	308	IO	SADD27	B3/E0	
OSADD27	OMEM1	004-050	308	I	SADD27	B4/E0	
OSADD27	OMEM2	004-058	308	I	SADD27	B4/E4	
OSADD27	OMEM3	004-064	308	I	SADD27	B5/E0	
OSADD27	OMEM4	004-070	308	I	SADD27	B5/E5	
OSADD27	OMEM5	004-076	308	I	SADD27	B6/E0	
OSADD27	OMEM6	004-082	308	I	SADD27	B6/E5	
OSADD27	OAPPL1	004-088	308	O	SADD27	B7/E1	
OSADD28	OCS1	004-026	009	I	SADD28	B1/E1	
OSADD28	OCS2	004-034	009	I	SADD28	B2/E0	
OSADD28	OCORE	004-042	009	IO	SADD28	B3/E0	
OSADD28	OMEM1	004-050	009	I	SADD28	B4/E0	
OSADD28	OMEM2	004-058	009	I	SADD28	B4/E4	
OSADD28	OMEM3	004-064	009	I	SADD28	B5/E0	
OSADD28	OMEM4	004-070	009	I	SADD28	B5/E5	
OSADD28	OMEM5	004-076	009	I	SADD28	B6/E0	
OSADD28	OMEM6	004-082	009	I	SADD28	B6/E5	
OSADD28	OAPPL1	004-088	009	O	SADD28	B7/E1	
OSADD29	OCS1	004-026	109	I	SADD29	B1/E1	
OSADD29	OCS2	004-034	109	I	SADD29	B2/E0	
OSADD29	OCORE	004-042	109	IO	SADD29	B3/E0	
OSADD29	OMEM1	004-050	109	I	SADD29	B4/E0	
OSADD29	OMEM2	004-058	109	I	SADD29	B4/E4	
OSADD29	OMEM3	004-064	109	I	SADD29	B5/E0	
OSADD29	OMEM4	004-070	109	I	SADD29	B5/E5	
OSADD29	OMEM5	004-076	109	I	SADD29	B6/E0	
OSADD29	OMEM6	004-082	109	I	SADD29	B6/E5	
OSADD29	OAPPL1	004-088	109	O	SADD29	B7/E1	
OSADD30	OCS1	004-026	209	I	SADD30	B1/E1	
OSADD30	OCS2	004-034	209	I	SADD30	B2/E0	
OSADD30	OCORE	004-042	209	IO	SADD30	B3/E0	
OSADD30	OMEM1	004-050	209	I	SADD30	B4/E0	
OSADD30	OMEM2	004-058	209	I	SADD30	B4/E4	
OSADD30	OMEM3	004-064	209	I	SADD30	B5/E0	
OSADD30	OMEM4	004-070	209	I	SADD30	B5/E5	
OSADD30	OMEM5	004-076	209	I	SADD30	B6/E0	
OSADD30	OMEM6	004-082	209	I	SADD30	B6/E5	
OSADD30	OAPPL1	004-088	209	O	SADD30	B7/E1	
OSADD31	OCS1	004-026	309	I	SADD31	B1/E1	
OSADD31	OCS2	004-034	309	I	SADD31	B2/E0	
OSADD31	OCORE	004-042	309	IO	SADD31	B3/E0	
OSADD31	OMEM1	004-050	309	I	SADD31	B4/E0	
OSADD31	OMEM2	004-058	309	I	SADD31	B4/E4	
OSADD31	OMEM3	004-064	309	I	SADD31	B5/E0	
OSADD31	OMEM4	004-070	309	I	SADD31	B5/E5	
OSADD31	OMEM5	004-076	309	I	SADD31	B6/E0	
OSADD31	OMEM6	004-082	309	I	SADD31	B6/E5	
OSADD31	OAPPL1	004-088	309	O	SADD31	B7/E1	
OSADDPH	OCS1	004-026	301	IO	NC	B1/E1	
OSADDPH	OCS2	004-034	301	I	SADDPH	B2/E0	
OSADDPH	OCORE	004-042	301	IO	SADDPH	B3/E0	
OSADDPH	OMEM1	004-050	301	I	SADDPH	B4/E0	
OSADDPH	OMEM2	004-058	301	I	SADDPH	B4/E4	
OSADDPH	OMEM3	004-064	301	I	SADDPH	B5/E0	
OSADDPH	OMEM4	004-070	301	I	SADDPH	B5/E5	
OSADDPH	OMEM5	004-076	301	I	SADDPH	B6/E0	
OSADDPH	OMEM6	004-082	301	I	SADDPH	B6/E5	
OSADDPH	OAPPL1	004-088	301	O	SADDPH	B7/E1	

59 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OSADDPL	OCS1	004-026	001	I	SADDPL	B1/E1	
OSADDPL	OCS2	004-034	001	I	SADDPL	B2/E0	
OSADDPL	OCORE	004-042	001	IO	SADDPL	B3/E0	
OSADDPL	OMEM1	004-050	001	I	SADDPL	B4/E0	
OSADDPL	OMEM2	004-058	001	I	SADDPL	B4/E4	
OSADDPL	OMEM3	004-064	001	I	SADDPL	B5/E0	
OSADDPL	OMEM4	004-070	001	I	SADDPL	B5/E5	
OSADDPL	OMEM5	004-076	001	I	SADDPL	B6/E0	
OSADDPL	OMEM6	004-082	001	I	SADDPL	B6/E5	
OSADDPL	OAPPL1	004-088	001	IO	SADDPL	B7/E1	
OSADDPMH	OCS1	004-026	201	IO	NC	B1/E1	
OSADDPMH	OCS2	004-034	201	I	SADDPMH	B2/E0	
OSADDPMH	OCORE	004-042	201	IO	SADDPMH	B3/E0	
OSADDPMH	OMEM1	004-050	201	I	SADDPMH	B4/E0	
OSADDPMH	OMEM2	004-058	201	I	SADDPMH	B4/E4	
OSADDPMH	OMEM3	004-064	201	I	SADDPMH	B5/E0	
OSADDPMH	OMEM4	004-070	201	I	SADDPMH	B5/E5	
OSADDPMH	OMEM5	004-076	201	I	SADDPMH	B6/E0	
OSADDPMH	OMEM6	004-082	201	I	SADDPMH	B6/E5	
OSADDPMH	OAPPL1	004-088	201	O	SADDPMH	B7/E1	
OSADDPML	OCS1	004-026	101	I	SADDPML	B1/E1	
OSADDPML	OCS2	004-034	101	I	SADDPML	B2/E0	
OSADDPML	OCORE	004-042	101	IO	SADDPML	B3/E0	
OSADDPML	OMEM1	004-050	101	I	SADDPML	B4/E0	
OSADDPML	OMEM2	004-058	101	I	SADDPML	B4/E4	
OSADDPML	OMEM3	004-064	101	I	SADDPML	B5/E0	
OSADDPML	OMEM4	004-070	101	I	SADDPML	B5/E5	
OSADDPML	OMEM5	004-076	101	I	SADDPML	B6/E0	
OSADDPML	OMEM6	004-082	101	I	SADDPML	B6/E5	
OSADDPML	OAPPL1	004-088	101	IO	SADDPML	B7/E1	
OSAFF	OCS1	004-026	337	O	SAFF	B1/E1	
OSAFF	OCS2	004-034	337	I	SAFF	B2/E0	
OSAFF	OCORE	004-042	337	O	NC	B3/E0	
OSAFF	OMEM1	004-050	337	IO	SAFF	B4/E0	
OSAFF	OMEM2	004-058	337	IO	SAFF	B4/E4	
OSAFF	OMEM3	004-064	337	IO	SAFF	B5/E0	
OSAFF	OMEM4	004-070	337	IO	SAFF	B5/E5	
OSAFF	OMEM5	004-076	337	IO	SAFF	B6/E0	
OSAFF	OMEM6	004-082	337	IO	SAFF	B6/E5	
OSAFF	OAPPL1	004-088	337	I	SAFF	B7/E1	
OSALWIO	OCS1	004-026	024	O	SALWIO	B1/E1	
OSALWIO	OCS2	004-034	024	I	SALWIO	B2/E0	
OSALWIO	OCORE	004-042	024	I	SALWIO	B3/E0	
OSALWIO	OMEM1	004-050	024	I	SALWIO	B4/E0	
OSALWIO	OMEM2	004-058	024	I	SALWIO	B4/E4	
OSALWIO	OMEM3	004-064	024	I	SALWIO	B5/E0	
OSALWIO	OMEM4	004-070	024	I	SALWIO	B5/E5	
OSALWIO	OMEM5	004-076	024	I	SALWIO	B6/E0	
OSALWIO	OMEM6	004-082	024	I	SALWIO	B6/E5	
OSALWIO	OAPPL1	004-088	024	I	SALWIO	B7/E1	
OSANINH	OCS1	004-026	537	IO	SANINH	B1/E1	
OSANINH	OCS2	004-034	242	O	SANINH	B2/E0	
OSANLTG	OCS1	004-026	235	O	SANLTG	B1/E1	
OSANLTG	004-033	004-033	023	IO		B1/F8 *	
OSANLTR	OCS1	004-026	145	I	SANLTR	B1/E1	
OSANLTR	004-033	004-033	022	IO		B1/B5 *	
OSBDRSP0	OCS1	004-026	034	IO	SBDRSP0	B1/E1	
OSBDRSP0	OCS2	004-034	034	I	SBDRSP0	B2/E0	
OSBDRSP0	OCORE	004-042	034	O	SBDRSP0	B3/E0	
OSBDRSP0	OMEM1	004-050	034	IO	SBDRSP0	B4/E0	
OSBDRSP0	OMEM2	004-058	034	IO	SBDRSP0	B4/E4	
OSBDRSP0	OMEM3	004-064	034	IO	SBDRSP0	B5/E0	
OSBDRSP0	OMEM4	004-070	034	IO	SBDRSP0	B5/E5	
OSBDRSP0	OMEM5	004-076	034	IO	SBDRSP0	B6/E0	
OSBDRSP0	OMEM6	004-082	034	IO	SBDRSP0	B6/E5	
OSBDRSP0	OAPPL1	004-088	034	IO	SBDRSP0	B7/E1	
OSBDRSP1	OCS1	004-026	134	IO	SBDRSP1	B1/E1	
OSBDRSP1	OCS2	004-034	134	I	SBDRSP1	B2/E0	
OSBDRSP1	OCORE	004-042	134	O	SBDRSP1	B3/E0	
OSBDRSP1	OMEM1	004-050	134	IO	SBDRSP1	B4/E0	
OSBDRSP1	OMEM2	004-058	134	IO	SBDRSP1	B4/E4	
OSBDRSP1	OMEM3	004-064	134	IO	SBDRSP1	B5/E0	
OSBDRSP1	OMEM4	004-070	134	IO	SBDRSP1	B5/E5	
OSBDRSP1	OMEM5	004-076	134	IO	SBDRSP1	B6/E0	
OSBDRSP1	OMEM6	004-082	134	IO	SBDRSP1	B6/E5	
OSBDRSP1	OAPPL1	004-088	134	IO	SBDRSP1	B7/E1	
OSBDRSP2	OCS1	004-026	234	IO	SBDRSP2	B1/E1	
OSBDRSP2	OCS2	004-034	234	I	SBDRSP2	B2/E0	
OSBDRSP2	OCORE	004-042	234	O	SBDRSP2	B3/E0	
OSBDRSP2	OMEM1	004-050	234	IO	SBDRSP2	B4/E0	
OSBDRSP2	OMEM2	004-058	234	IO	SBDRSP2	B4/E4	
OSBDRSP2	OMEM3	004-064	234	IO	SBDRSP2	B5/E0	
OSBDRSP2	OMEM4	004-070	234	IO	SBDRSP2	B5/E5	
OSBDRSP2	OMEM5	004-076	234	IO	SBDRSP2	B6/E0	
OSBDRSP2	OMEM6	004-082	234	IO	SBDRSP2	B6/E5	

60		LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
OSBDRSP2	OAPPL1		004-088	234	I	SBDRSP2	B7/E1	
OSBDRSP3	OCS1		004-026	334	IO	SBDRSP3	B1/E1	
OSBDRSP3	OCS2		004-034	334	I	SBDRSP3	B2/E0	
OSBDRSP3	OCORE		004-042	334	O	SBDRSP3	B3/E0	
OSBDRSP3	OMEM1		004-050	334	IO	SBDRSP3	B4/E0	
OSBDRSP3	OMEM2		004-058	334	IO	SBDRSP3	B4/E4	
OSBDRSP3	OMEM3		004-064	334	IO	SBDRSP3	B5/E0	
OSBDRSP3	OMEM4		004-070	334	IO	SBDRSP3	B5/E5	
OSBDRSP3	OMEM5		004-076	334	IO	SBDRSP3	B6/E0	
OSBDRSP3	OMEM6		004-082	334	IO	SBDRSP3	B6/E5	
OSBDRSP3	OAPPL1		004-088	334	I	SBDRSP3	B7/E1	
OSBYTSLP	OCS1		004-026	313	O	NC	B1/E1	
OSBYTSLP	OCS2		004-034	313	I	SBYTSLP	B2/E0	
OSBYTSLP	OCORE		004-042	313	IO	SBYTSLP	B3/E0	
OSBYTSLP	OMEM1		004-050	313	I	SBYTSLP	B4/E0	
OSBYTSLP	OMEM2		004-058	313	I	SBYTSLP	B4/E4	
OSBYTSLP	OMEM3		004-064	313	I	SBYTSLP	B5/E0	
OSBYTSLP	OMEM4		004-070	313	I	SBYTSLP	B5/E5	
OSBYTSLP	OMEM5		004-076	313	I	SBYTSLP	B6/E0	
OSBYTSLP	OMEM6		004-082	313	I	SBYTSLP	B6/E5	
OSBYTSLP	OAPPL1		004-088	313	IO	SBYTSLP	B7/E1	
OSDAT00	OCS1		004-026	016	IO	SDAT00	B1/E1	
OSDAT00	OCS2		004-034	016	IO	SDAT00	B2/E0	
OSDAT00	OCORE		004-042	016	IO	SDAT00	B3/E0	
OSDAT00	OMEM1		004-050	016	IO	SDAT00	B4/E0	
OSDAT00	OMEM2		004-058	016	IO	SDAT00	B4/E4	
OSDAT00	OMEM3		004-064	016	IO	SDAT00	B5/E0	
OSDAT00	OMEM4		004-070	016	IO	SDAT00	B5/E5	
OSDAT00	OMEM5		004-076	016	IO	SDAT00	B6/E0	
OSDAT00	OMEM6		004-082	016	IO	SDAT00	B6/E5	
OSDAT00	OAPPL1		004-088	016	IO	SDAT00	B7/E1	
OSDAT01	OCS1		004-026	116	IO	SDAT01	B1/E1	
OSDAT01	OCS2		004-034	116	IO	SDAT01	B2/E0	
OSDAT01	OCORE		004-042	116	IO	SDAT01	B3/E0	
OSDAT01	OMEM1		004-050	116	IO	SDAT01	B4/E0	
OSDAT01	OMEM2		004-058	116	IO	SDAT01	B4/E4	
OSDAT01	OMEM3		004-064	116	IO	SDAT01	B5/E0	
OSDAT01	OMEM4		004-070	116	IO	SDAT01	B5/E5	
OSDAT01	OMEM5		004-076	116	IO	SDAT01	B6/E0	
OSDAT01	OMEM6		004-082	116	IO	SDAT01	B6/E5	
OSDAT01	OAPPL1		004-088	116	IO	SDAT01	B7/E1	
OSDAT02	OCS1		004-026	216	IO	SDAT02	B1/E1	
OSDAT02	OCS2		004-034	216	IO	SDAT02	B2/E0	
OSDAT02	OCORE		004-042	216	IO	SDAT02	B3/E0	
OSDAT02	OMEM1		004-050	216	IO	SDAT02	B4/E0	
OSDAT02	OMEM2		004-058	216	IO	SDAT02	B4/E4	
OSDAT02	OMEM3		004-064	216	IO	SDAT02	B5/E0	
OSDAT02	OMEM4		004-070	216	IO	SDAT02	B5/E5	
OSDAT02	OMEM5		004-076	216	IO	SDAT02	B6/E0	
OSDAT02	OMEM6		004-082	216	IO	SDAT02	B6/E5	
OSDAT02	OAPPL1		004-088	216	IO	SDAT02	B7/E1	
OSDAT03	OCS1		004-026	316	IO	SDAT03	B1/E1	
OSDAT03	OCS2		004-034	316	IO	SDAT03	B2/E0	
OSDAT03	OCORE		004-042	316	IO	SDAT03	B3/E0	
OSDAT03	OMEM1		004-050	316	IO	SDAT03	B4/E0	
OSDAT03	OMEM2		004-058	316	IO	SDAT03	B4/E4	
OSDAT03	OMEM3		004-064	316	IO	SDAT03	B5/E0	
OSDAT03	OMEM4		004-070	316	IO	SDAT03	B5/E5	
OSDAT03	OMEM5		004-076	316	IO	SDAT03	B6/E0	
OSDAT03	OMEM6		004-082	316	IO	SDAT03	B6/E5	
OSDAT03	OAPPL1		004-088	316	IO	SDAT03	B7/E1	
OSDAT04	OCS1		004-026	017	IO	SDAT04	B1/E1	
OSDAT04	OCS2		004-034	017	IO	SDAT04	B2/E0	
OSDAT04	OCORE		004-042	017	IO	SDAT04	B3/E0	
OSDAT04	OMEM1		004-050	017	IO	SDAT04	B4/E0	
OSDAT04	OMEM2		004-058	017	IO	SDAT04	B4/E4	
OSDAT04	OMEM3		004-064	017	IO	SDAT04	B5/E0	
OSDAT04	OMEM4		004-070	017	IO	SDAT04	B5/E5	

61	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLLOC	XT
0SDAT04	0MEM5		004-076	017	IO	SDAT04	B6/E0	
0SDAT04	0MEM6		004-082	017	IO	SDAT04	B6/E5	
0SDAT04	0APPL1		004-088	017	IO	SDAT04	B7/E1	
0SDAT05	0CS1		004-026	117	IO	SDAT05	B1/E1	
0SDAT05	0CS2		004-034	117	IO	SDAT05	B2/E0	
0SDAT05	0CORE		004-042	117	IO	SDAT05	B3/E0	
0SDAT05	0MEM1		004-050	117	IO	SDAT05	B4/E0	
0SDAT05	0MEM2		004-058	117	IO	SDAT05	B4/E4	
0SDAT05	0MEM3		004-064	117	IO	SDAT05	B5/E0	
0SDAT05	0MEM4		004-070	117	IO	SDAT05	B5/E5	
0SDAT05	0MEM5		004-076	117	IO	SDAT05	B6/E0	
0SDAT05	0MEM6		004-082	117	IO	SDAT05	B6/E5	
0SDAT05	0APPL1		004-088	117	IO	SDAT05	B7/E1	
0SDAT06	0CS1		004-026	217	IO	SDAT06	B1/E1	
0SDAT06	0CS2		004-034	217	IO	SDAT06	B2/E0	
0SDAT06	0CORE		004-042	217	IO	SDAT06	B3/E0	
0SDAT06	0MEM1		004-050	217	IO	SDAT06	B4/E0	
0SDAT06	0MEM2		004-058	217	IO	SDAT06	B4/E4	
0SDAT06	0MEM3		004-064	217	IO	SDAT06	B5/E0	
0SDAT06	0MEM4		004-070	217	IO	SDAT06	B5/E5	
0SDAT06	0MEM5		004-076	217	IO	SDAT06	B6/E0	
0SDAT06	0MEM6		004-082	217	IO	SDAT06	B6/E5	
0SDAT06	0APPL1		004-088	217	IO	SDAT06	B7/E1	
0SDAT07	0CS1		004-026	317	IO	SDAT07	B1/E1	
0SDAT07	0CS2		004-034	317	IO	SDAT07	B2/E0	
0SDAT07	0CORE		004-042	317	IO	SDAT07	B3/E0	
0SDAT07	0MEM1		004-050	317	IO	SDAT07	B4/E0	
0SDAT07	0MEM2		004-058	317	IO	SDAT07	B4/E4	
0SDAT07	0MEM3		004-064	317	IO	SDAT07	B5/E0	
0SDAT07	0MEM4		004-070	317	IO	SDAT07	B5/E5	
0SDAT07	0MEM5		004-076	317	IO	SDAT07	B6/E0	
0SDAT07	0MEM6		004-082	317	IO	SDAT07	B6/E5	
0SDAT07	0APPL1		004-088	317	IO	SDAT07	B7/E1	
0SDAT08	0CS1		004-026	018	IO	SDAT08	B1/E1	
0SDAT08	0CS2		004-034	018	IO	SDAT08	B2/E0	
0SDAT08	0CORE		004-042	018	IO	SDAT08	B3/E0	
0SDAT08	0MEM1		004-050	018	IO	SDAT08	B4/E0	
0SDAT08	0MEM2		004-058	018	IO	SDAT08	B4/E4	
0SDAT08	0MEM3		004-064	018	IO	SDAT08	B5/E0	
0SDAT08	0MEM4		004-070	018	IO	SDAT08	B5/E5	
0SDAT08	0MEM5		004-076	018	IO	SDAT08	B6/E0	
0SDAT08	0MEM6		004-082	018	IO	SDAT08	B6/E5	
0SDAT08	0APPL1		004-088	018	IO	SDAT08	B7/E1	
0SDAT09	0CS1		004-026	118	IO	SDAT09	B1/E1	
0SDAT09	0CS2		004-034	118	IO	SDAT09	B2/E0	
0SDAT09	0CORE		004-042	118	IO	SDAT09	B3/E0	
0SDAT09	0MEM1		004-050	118	IO	SDAT09	B4/E0	
0SDAT09	0MEM2		004-058	118	IO	SDAT09	B4/E4	
0SDAT09	0MEM3		004-064	118	IO	SDAT09	B5/E0	
0SDAT09	0MEM4		004-070	118	IO	SDAT09	B5/E5	
0SDAT09	0MEM5		004-076	118	IO	SDAT09	B6/E0	
0SDAT09	0MEM6		004-082	118	IO	SDAT09	B6/E5	
0SDAT09	0APPL1		004-088	118	IO	SDAT09	B7/E1	
0SDAT10	0CS1		004-026	218	IO	SDAT10	B1/E1	
0SDAT10	0CS2		004-034	218	IO	SDAT10	B2/E0	
0SDAT10	0CORE		004-042	218	IO	SDAT10	B3/E0	
0SDAT10	0MEM1		004-050	218	IO	SDAT10	B4/E0	
0SDAT10	0MEM2		004-058	218	IO	SDAT10	B4/E4	
0SDAT10	0MEM3		004-064	218	IO	SDAT10	B5/E0	
0SDAT10	0MEM4		004-070	218	IO	SDAT10	B5/E5	
0SDAT10	0MEM5		004-076	218	IO	SDAT10	B6/E0	
0SDAT10	0MEM6		004-082	218	IO	SDAT10	B6/E5	
0SDAT10	0APPL1		004-088	218	IO	SDAT10	B7/E1	
0SDAT11	0CS1		004-026	318	IO	SDAT11	B1/E1	
0SDAT11	0CS2		004-034	318	IO	SDAT11	B2/E0	
0SDAT11	0CORE		004-042	318	IO	SDAT11	B3/E0	
0SDAT11	0MEM1		004-050	318	IO	SDAT11	B4/E0	
0SDAT11	0MEM2		004-058	318	IO	SDAT11	B4/E4	
0SDAT11	0MEM3		004-064	318	IO	SDAT11	B5/E0	
0SDAT11	0MEM4		004-070	318	IO	SDAT11	B5/E5	
0SDAT11	0MEM5		004-076	318	IO	SDAT11	B6/E0	
0SDAT11	0MEM6		004-082	318	IO	SDAT11	B6/E5	
0SDAT11	0APPL1		004-088	318	IO	SDAT11	B7/E1	
0SDAT12	0CS1		004-026	019	IO	SDAT12	B1/E1	
0SDAT12	0CS2		004-034	019	IO	SDAT12	B2/E0	
0SDAT12	0CORE		004-042	019	IO	SDAT12	B3/E0	
0SDAT12	0MEM1		004-050	019	IO	SDAT12	B4/E0	
0SDAT12	0MEM2		004-058	019	IO	SDAT12	B4/E4	
0SDAT12	0MEM3		004-064	019	IO	SDAT12	B5/E0	
0SDAT12	0MEM4		004-070	019	IO	SDAT12	B5/E5	
0SDAT12	0MEM5		004-076	019	IO	SDAT12	B6/E0	
0SDAT12	0MEM6		004-082	019	IO	SDAT12	B6/E5	
0SDAT12	0APPL1		004-088	019	IO	SDAT12	B7/E1	
0SDAT13	0CS1		004-026	119	IO	SDAT13	B1/E1	
0SDAT13	0CS2		004-034	119	IO	SDAT13	B2/E0	
0SDAT13	0CORE		004-042	119	IO	SDAT13	B3/E0	

62	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
0SDAT13	0MEM1		004-050	119	IO	SDAT13	B4/E0	
0SDAT13	0MEM2		004-058	119	IO	SDAT13	B4/E4	
0SDAT13	0MEM3		004-064	119	IO	SDAT13	B5/E0	
0SDAT13	0MEM4		004-070	119	IO	SDAT13	B5/E5	
0SDAT13	0MEM5		004-076	119	IO	SDAT13	B6/E0	
0SDAT13	0MEM6		004-082	119	IO	SDAT13	B6/E5	
0SDAT13	0APPL1		004-088	119	IO	SDAT13	B7/E1	
0SDAT14	0CS1		004-026	219	IO	SDAT14	B1/E1	
0SDAT14	0CS2		004-034	219	IO	SDAT14	B2/E0	
0SDAT14	0CORE		004-042	219	IO	SDAT14	B3/E0	
0SDAT14	0MEM1		004-050	219	IO	SDAT14	B4/E0	
0SDAT14	0MEM2		004-058	219	IO	SDAT14	B4/E4	
0SDAT14	0MEM3		004-064	219	IO	SDAT14	B5/E0	
0SDAT14	0MEM4		004-070	219	IO	SDAT14	B5/E5	
0SDAT14	0MEM5		004-076	219	IO	SDAT14	B6/E0	
0SDAT14	0MEM6		004-082	219	IO	SDAT14	B6/E5	
0SDAT14	0APPL1		004-088	219	IO	SDAT14	B7/E1	
0SDAT15	0CS1		004-026	319	IO	SDAT15	B1/E1	
0SDAT15	0CS2		004-034	319	IO	SDAT15	B2/E0	
0SDAT15	0CORE		004-042	319	IO	SDAT15	B3/E0	
0SDAT15	0MEM1		004-050	319	IO	SDAT15	B4/E0	
0SDAT15	0MEM2		004-058	319	IO	SDAT15	B4/E4	
0SDAT15	0MEM3		004-064	319	IO	SDAT15	B5/E0	
0SDAT15	0MEM4		004-070	319	IO	SDAT15	B5/E5	
0SDAT15	0MEM5		004-076	319	IO	SDAT15	B6/E0	
0SDAT15	0MEM6		004-082	319	IO	SDAT15	B6/E5	
0SDAT15	0APPL1		004-088	319	IO	SDAT15	B7/E1	
0SDAT16	0CS1		004-026	020	IO	SDAT16	B1/E1	
0SDAT16	0CS2		004-034	020	IO	SDAT16	B2/E0	
0SDAT16	0CORE		004-042	020	IO	SDAT16	B3/E0	
0SDAT16	0MEM1		004-050	020	IO	SDAT16	B4/E0	
0SDAT16	0MEM2		004-058	020	IO	SDAT16	B4/E4	
0SDAT16	0MEM3		004-064	020	IO	SDAT16	B5/E0	
0SDAT16	0MEM4		004-070	020	IO	SDAT16	B5/E5	
0SDAT16	0MEM6		004-082	020	IO	SDAT16	B6/E5	
0SDAT16	0APPL1		004-088	020	IO	SDAT16	B7/E1	
0SDAT17	0CS1		004-026	120	IO	SDAT17	B1/E1	
0SDAT17	0CS2		004-034	120	IO	SDAT17	B2/E0	
0SDAT17	0CORE		004-042	120	IO	SDAT17	B3/E0	
0SDAT17	0MEM1		004-050	120	IO	SDAT17	B4/E0	
0SDAT17	0MEM2		004-058	120	IO	SDAT17	B4/E4	
0SDAT17	0MEM3		004-064	120	IO	SDAT17	B5/E0	
0SDAT17	0MEM4		004-070	120	IO	SDAT17	B5/E5	
0SDAT17	0MEM6		004-082	120	IO	SDAT17	B6/E5	
0SDAT17	0APPL1		004-088	120	IO	SDAT17	B7/E1	
0SDAT18	0CS1		004-026	220	IO	SDAT18	B1/E1	
0SDAT18	0CS2		004-034	220	IO	SDAT18	B2/E0	
0SDAT18	0CORE		004-042	220	IO	SDAT18	B3/E0	
0SDAT18	0MEM1		004-050	220	IO	SDAT18	B4/E0	
0SDAT18	0MEM2		004-058	220	IO	SDAT18	B4/E4	
0SDAT18	0MEM3		004-064	220	IO	SDAT18	B5/E0	
0SDAT18	0MEM4		004-070	220	IO	SDAT18	B5/E5	
0SDAT18	0MEM6		004-082	220	IO	SDAT18	B6/E5	
0SDAT18	0APPL1		004-088	220	IO	SDAT18	B7/E1	
0SDAT19	0CS1		004-026	320	IO	SDAT19	B1/E1	
0SDAT19	0CS2		004-034	320	IO	SDAT19	B2/E0	
0SDAT19	0CORE		004-042	320	IO	SDAT19	B3/E0	
0SDAT19	0MEM1		004-050	320	IO	SDAT19	B4/E0	
0SDAT19	0MEM2		004-058	320	IO	SDAT19	B4/E4	
0SDAT19	0MEM3		004-064	320	IO	SDAT19	B5/E0	
0SDAT19	0MEM4		004-070	320	IO	SDAT19	B5/E5	
0SDAT19	0MEM6		004-082	320	IO	SDAT19	B6/E5	
0SDAT19	0APPL1		004-088	320	IO	SDAT19	B7/E1	
0SDAT20	0CS1		004-026	021	IO	SDAT20	B1/E1	
0SDAT20	0CS2		004-034	021	IO	SDAT20	B2/E0	
0SDAT20	0CORE		004-042	021	IO	SDAT20	B3/E0	
0SDAT20	0MEM1		004-050	021	IO	SDAT20	B4/E0	
0SDAT20	0MEM2		004-058	021	IO	SDAT20	B4/E4	
0SDAT20	0MEM3		004-064	021	IO	SDAT20	B5/E0	
0SDAT20	0MEM4		004-070	021	IO	SDAT20	B5/E5	
0SDAT20	0MEM6		004-082	021	IO	SDAT20	B6/E5	
0SDAT20	0APPL1		004-088	021	IO	SDAT20	B7/E1	
0SDAT21	0CS1		004-026	121	IO	SDAT21	B1/E1	
0SDAT21	0CS2		004-034	121	IO	SDAT21	B2/E0	
0SDAT21	0CORE		004-042	121	IO	SDAT21	B3/E0	
0SDAT21	0MEM1		004-050	121	IO	SDAT21	B4/E0	
0SDAT21	0MEM2		004-058	121	IO	SDAT21	B4/E4	
0SDAT21	0MEM3		004-064	121	IO	SDAT21	B5/E0	
0SDAT21	0MEM4		004-070	121	IO	SDAT21	B5/E5	
0SDAT21	0MEM6		004-082	121	IO	SDAT21	B6/E5	
0SDAT21	0APPL1		004-088	121	IO	SDAT21	B7/E1	
0SDAT22	0CS1		004-026	221	IO	SDAT22	B1/E1	
0SDAT22	0CS2		004-034	221	IO	SDAT22	B2/E0	
0SDAT22	0CORE		004-042	221	IO	SDAT22	B3/E0	
0SDAT22	0MEM1		004-050	221	IO	SDAT22	B4/E0	
0SDAT22	0MEM2		004-058	221	IO	SDAT22	B4/E4	

63	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
0SDAT22	0MEM3		004-064	221	IO SDAT22	B5/E0	
0SDAT22	0MEM4		004-070	221	IO SDAT22	B5/E5	
0SDAT22	0MEM6		004-082	221	IO SDAT22	B6/E5	
0SDAT22	0APPL1		004-088	221	IO SDAT22	B7/E1	
0SDAT23	0CS1		004-026	321	IO SDAT23	B1/E1	
0SDAT23	0CS2		004-034	321	IO SDAT23	B2/E0	
0SDAT23	0CORE		004-042	321	IO SDAT23	B3/E0	
0SDAT23	0MEM1		004-050	321	IO SDAT23	B4/E0	
0SDAT23	0MEM2		004-058	321	IO SDAT23	B4/E4	
0SDAT23	0MEM3		004-064	321	IO SDAT23	B5/E0	
0SDAT23	0MEM4		004-070	321	IO SDAT23	B5/E5	
0SDAT23	0MEM6		004-082	321	IO SDAT23	B6/E5	
0SDAT23	0APPL1		004-088	321	IO SDAT23	B7/E1	
0SDAT24	0CS1		004-026	022	IO SDAT24	B1/E1	
0SDAT24	0CS2		004-034	022	IO SDAT24	B2/E0	
0SDAT24	0CORE		004-042	022	IO SDAT24	B3/E0	
0SDAT24	0MEM1		004-050	022	IO SDAT24	B4/E0	
0SDAT24	0MEM2		004-058	022	IO SDAT24	B4/E4	
0SDAT24	0MEM3		004-064	022	IO SDAT24	B5/E0	
0SDAT24	0MEM4		004-070	022	IO SDAT24	B5/E5	
0SDAT24	0MEM6		004-082	022	IO SDAT24	B6/E5	
0SDAT24	0APPL1		004-088	022	IO SDAT24	B7/E1	
0SDAT25	0CS1		004-026	122	IO SDAT25	B1/E1	
0SDAT25	0CS2		004-034	122	IO SDAT25	B2/E0	
0SDAT25	0CORE		004-042	122	IO SDAT25	B3/E0	
0SDAT25	0MEM1		004-050	122	IO SDAT25	B4/E0	
0SDAT25	0MEM2		004-058	122	IO SDAT25	B4/E4	
0SDAT25	0MEM3		004-064	122	IO SDAT25	B5/E0	
0SDAT25	0MEM4		004-070	122	IO SDAT25	B5/E5	
0SDAT25	0MEM6		004-082	122	IO SDAT25	B6/E5	
0SDAT25	0APPL1		004-088	122	IO SDAT25	B7/E1	
0SDAT26	0CS1		004-026	222	IO SDAT26	B1/E1	
0SDAT26	0CS2		004-034	222	IO SDAT26	B2/E0	
0SDAT26	0CORE		004-042	222	IO SDAT26	B3/E0	
0SDAT26	0MEM1		004-050	222	IO SDAT26	B4/E0	
0SDAT26	0MEM2		004-058	222	IO SDAT26	B4/E4	
0SDAT26	0MEM3		004-064	222	IO SDAT26	B5/E0	
0SDAT26	0MEM4		004-070	222	IO SDAT26	B5/E5	
0SDAT26	0MEM6		004-082	222	IO SDAT26	B6/E5	
0SDAT26	0APPL1		004-088	222	IO SDAT26	B7/E1	
0SDAT27	0CS1		004-026	322	IO SDAT27	B1/E1	
0SDAT27	0CS2		004-034	322	IO SDAT27	B2/E0	
0SDAT27	0CORE		004-042	322	IO SDAT27	B3/E0	
0SDAT27	0MEM1		004-050	322	IO SDAT27	B4/E0	
0SDAT27	0MEM2		004-058	322	IO SDAT27	B4/E4	
0SDAT27	0MEM3		004-064	322	IO SDAT27	B5/E0	
0SDAT27	0MEM4		004-070	322	IO SDAT27	B5/E5	
0SDAT27	0MEM6		004-082	322	IO SDAT27	B6/E5	
0SDAT27	0APPL1		004-088	322	IO SDAT27	B7/E1	
0SDAT28	0CS1		004-026	023	IO SDAT28	B1/E1	
0SDAT28	0CS2		004-034	023	IO SDAT28	B2/E0	
0SDAT28	0CORE		004-042	023	IO SDAT28	B3/E0	
0SDAT28	0MEM1		004-050	023	IO SDAT28	B4/E0	
0SDAT28	0MEM2		004-058	023	IO SDAT28	B4/E4	
0SDAT28	0MEM3		004-064	023	IO SDAT28	B5/E0	
0SDAT28	0MEM4		004-070	023	IO SDAT28	B5/E5	
0SDAT28	0MEM6		004-082	023	IO SDAT28	B6/E5	

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MODULE CONTROLLER AND TIME SLOT INTERCHANGER UNIT, MODEL 2			
		DWG SIZE C2	ISSUE 17B
AT&T	SD-5D151-01		SHEET A28

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64 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OSDAT30	OCS2	004-034	223	IO	SDAT30	B2/E0	
OSDAT30	OCORE	004-042	223	IO	SDAT30	B3/E0	
OSDAT30	OMEM1	004-050	223	IO	SDAT30	B4/E0	
OSDAT30	OMEM2	004-058	223	IO	SDAT30	B4/E4	
OSDAT30	OMEM3	004-064	223	IO	SDAT30	B5/E0	
OSDAT30	OMEM4	004-070	223	IO	SDAT30	B5/E5	
OSDAT30	OMEM6	004-082	223	IO	SDAT30	B6/E5	
OSDAT30	OAPPL1	004-088	223	IO	SDAT30	B7/E1	
OSDAT31	OCS1	004-026	323	IO	SDAT31	B1/E1	
OSDAT31	OCS2	004-034	323	IO	SDAT31	B2/E0	
OSDAT31	OCORE	004-042	323	IO	SDAT31	B3/E0	
OSDAT31	OMEM1	004-050	323	IO	SDAT31	B4/E0	
OSDAT31	OMEM2	004-058	323	IO	SDAT31	B4/E4	
OSDAT31	OMEM3	004-064	323	IO	SDAT31	B5/E0	
OSDAT31	OMEM4	004-070	323	IO	SDAT31	B5/E5	
OSDAT31	OMEM6	004-082	323	IO	SDAT31	B6/E5	
OSDAT31	OAPPL1	004-088	323	IO	SDAT31	B7/E1	
OSDATPER	OCS1	004-026	033	IO	SDATPER	B1/E1	
OSDATPER	OCS2	004-034	033	O	SDATPER	B2/E0	
OSDATPER	OCORE	004-042	033	O	DATPER	B3/E0	
OSDATPER	OMEM1	004-050	033	O	MDATPER	B4/E0	
OSDATPER	OMEM2	004-058	033	O	MDATPER	B4/E4	
OSDATPER	OMEM3	004-064	033	O	MDATPER	B5/E0	
OSDATPER	OMEM4	004-070	033	O	MDATPER	B5/E5	
OSDATPER	OMEM5	004-076	033	O	MDATPER	B6/E0	
OSDATPER	OMEM6	004-082	033	O	MDATPER	B6/E5	
OSDATPER	OAPPL1	004-088	033	O	CDATPBRR	B7/E1	
OSDATPH	OCS1	004-026	315	IO	SDATPH	B1/E1	
OSDATPH	OCS2	004-034	315	I	SDATPH	B2/E0	
OSDATPH	OCORE	004-042	315	IO	SDATPH	B3/E0	
OSDATPH	OMEM1	004-050	315	IO	SDATPH	B4/E0	
OSDATPH	OMEM2	004-058	315	IO	SDATPH	B4/E4	
OSDATPH	OMEM3	004-064	315	IO	SDATPH	B5/E0	
OSDATPH	OMEM4	004-070	315	IO	SDATPH	B5/E5	
OSDATPH	OMEM5	004-076	315	IO	SDATPH	B6/E0	
OSDATPH	OMEM6	004-082	315	IO	SDATPH	B6/E5	
OSDATPH	OAPPL1	004-088	315	IO	SDATPH	B7/E1	
OSDATPL	OCS1	004-026	015	O	NC	B1/E1	
OSDATPL	OCS2	004-034	015	I	SDATPL	B2/E0	
OSDATPL	OCORE	004-042	015	IO	SDATPL	B3/E0	
OSDATPL	OMEM1	004-050	015	IO	SDATPL	B4/E0	
OSDATPL	OMEM2	004-058	015	IO	SDATPL	B4/E4	
OSDATPL	OMEM3	004-064	015	IO	SDATPL	B5/E0	
OSDATPL	OMEM4	004-070	015	IO	SDATPL	B5/E5	
OSDATPL	OMEM5	004-076	015	IO	SDATPL	B6/E0	
OSDATPL	OMEM6	004-082	015	IO	SDATPL	B6/E5	
OSDATPL	OAPPL1	004-088	015	IO	SDATPL	B7/E1	
OSDATPMH	OCS1	004-026	215	O	NC	B1/E1	
OSDATPMH	OCS2	004-034	215	I	SDATPMH	B2/E0	
OSDATPMH	OCORE	004-042	215	IO	SDATPMH	B3/E0	
OSDATPMH	OMEM1	004-050	215	IO	SDATPMH	B4/E0	
OSDATPMH	OMEM2	004-058	215	IO	SDATPMH	B4/E4	
OSDATPMH	OMEM3	004-064	215	IO	SDATPMH	B5/E0	
OSDATPMH	OMEM4	004-070	215	IO	SDATPMH	B5/E5	
OSDATPMH	OMEM5	004-076	215	IO	SDATPMH	B6/E0	
OSDATPMH	OMEM6	004-082	215	IO	SDATPMH	B6/E5	
OSDATPMH	OAPPL1	004-088	215	IO	SDATPMH	B7/E1	
OSDATPML	OCS1	004-026	115	O	NC	B1/E1	
OSDATPML	OCS2	004-034	115	I	SDATPML	B2/E0	
OSDATPML	OCORE	004-042	115	IO	SDATPML	B3/E0	
OSDATPML	OMEM1	004-050	115	IO	SDATPML	B4/E0	
OSDATPML	OMEM2	004-058	115	IO	SDATPML	B4/E4	
OSDATPML	OMEM3	004-064	115	IO	SDATPML	B5/E0	
OSDATPML	OMEM4	004-070	115	IO	SDATPML	B5/E5	
OSDATPML	OMEM5	004-076	115	IO	SDATPML	B6/E0	
OSDATPML	OMEM6	004-082	115	IO	SDATPML	B6/E5	
OSDATPML	OAPPL1	004-088	115	IO	SDATPML	B7/E1	
OSDIRWO	OCS1	004-026	011	I	SDIRWO	B1/E1	
OSDIRWO	OCS2	004-034	011	I	SDIRWO	B2/E0	
OSDIRWO	OCORE	004-042	011	O	SDIRWO	B3/E0	
OSDIRWO	OMEM1	004-050	011	I	SDIRWO	B4/E0	
OSDIRWO	OMEM2	004-058	011	I	SDIRWO	B4/E4	
OSDIRWO	OMEM3	004-064	011	I	SDIRWO	B5/E0	
OSDIRWO	OMEM4	004-070	011	I	SDIRWO	B5/E5	
OSDIRWO	OMEM5	004-076	011	I	SDIRWO	B6/E0	
OSDIRWO	OMEM6	004-082	011	I	SDIRWO	B6/E5	
OSDIRWO	OAPPL1	004-088	011	I	SDIRWO	B7/E1	
OSDMAGTA	OCS1	004-026	037	O	NC	B1/E1	
OSDMAGTA	OCS2	004-034	037	I	SDMAGTA	B2/E0	
OSDMAGTA	OCORE	004-042	037	O	SDMAGTA	B3/E0	
OSDMAGTA	OMEM1	004-050	037	IO	NCSDMAGTA	B4/E0	
OSDMAGTA	OMEM2	004-058	037	IO	NCSDMAGTA	B4/E4	
OSDMAGTA	OMEM3	004-064	037	IO	NCSDMAGTA	B5/E0	
OSDMAGTA	OMEM4	004-070	037	IO	NCSDMAGTA	B5/E5	
OSDMAGTA	OMEM5	004-076	037	IO	NCSDMAGTA	B6/E0	
OSDMAGTA	OMEM6	004-082	037	IO	NCSDMAGTA	B6/E5	
OSDMAGTA	OAPPL1	004-088	037	I	SDMAGTA	B7/E1	

65 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OSDMAGTB	OCS1	004-026	237	O	NC	B1/E1	
OSDMAGTB	OCS2	004-034	237	I	SDMAGTB	B2/E0	
OSDMAGTB	OCORE	004-042	237	O	SDMAGRTB	B3/E0	
OSDMAGTB	OMEM1	004-050	237	IO	SDMAGTB	B4/E0	
OSDMAGTB	OMEM2	004-058	237	IO	SDMAGTB	B4/E4	
OSDMAGTB	OMEM3	004-064	237	IO	SDMAGTB	B5/E0	
OSDMAGTB	OMEM4	004-070	237	IO	SDMAGTB	B5/E5	
OSDMAGTB	OMEM5	004-076	237	IO	SDMAGTB	B6/E0	
OSDMAGTB	OMEM6	004-082	237	IO	SDMAGTB	B6/E5	
OSDMAGTB	OAPPL1	004-088	237	IO	NC	B7/E1	
OSDMAINH	OCS1	004-026	355	O	DMAIN	B1/E1	
OSDMAINH	OCS2	004-034	355	O	NC	B2/E0	
OSDMAINH	OCORE	004-042	355	I	SDMAINH	B3/E0	
OSDMAINH	OMEM1	004-050	355	IO	SDMAINH	B4/E0	
OSDMAINH	OMEM2	004-058	355	IO	SDMAINH	B4/E4	
OSDMAINH	OMEM3	004-064	355	IO	SDMAINH	B5/E0	
OSDMAINH	OMEM4	004-070	355	IO	SDMAINH	B5/E5	
OSDMAINH	OMEM5	004-076	355	IO	SDMAINH	B6/E0	
OSDMAINH	OMEM6	004-082	355	IO	SDMAINH	B6/E5	
OSDMAINH	OAPPL1	004-088	355	I	SDMAINH	B7/E1	
OSDMARD	OCS1	004-026	136	I	SDMARD	B1/E1	
OSDMARD	OCS2	004-034	136	O	NC	B2/E0	
OSDMARD	OCORE	004-042	136	I	SDMARD	B3/E0	
OSDMARD	OMEM1	004-050	136	IO	SDMARD	B4/E0	
OSDMARD	OMEM2	004-058	136	IO	SDMARD	B4/E4	
OSDMARD	OMEM3	004-064	136	IO	SDMARD	B5/E0	
OSDMARD	OMEM4	004-070	136	IO	SDMARD	B5/E5	
OSDMARD	OMEM5	004-076	136	IO	SDMARD	B6/E0	
OSDMARD	OMEM6	004-082	136	IO	SDMARD	B6/E5	
OSDMARD	OAPPL1	004-088	136	O	SDMARD	B7/E1	
OSDMARDY	OCS1	004-026	036	I	SDMARDY	B1/E1	
OSDMARDY	OCS2	004-034	036	I	SDMARDY	B2/E0	
OSDMARDY	OCORE	004-042	036	O	DMARDY	B3/E0	
OSDMARDY	OMEM1	004-050	036	IO	SDMARDY	B4/E0	
OSDMARDY	OMEM2	004-058	036	IO	SDMARDY	B4/E4	
OSDMARDY	OMEM3	004-064	036	IO	SDMARDY	B5/E0	
OSDMARDY	OMEM4	004-070	036	IO	SDMARDY	B5/E5	
OSDMARDY	OMEM5	004-076	036	IO	SDMARDY	B6/E0	
OSDMARDY	OMEM6	004-082	036	IO	SDMARDY	B6/E5	
OSDMARDY	OAPPL1	004-088	036	I	SDMARDY	B7/E1	
OSDMARQA	OCS1	004-026	336	O	NC	B1/E1	
OSDMARQA	OCS2	004-034	336	I	SDMARQA	B2/E0	
OSDMARQA	OCORE	004-042	336	I	SDMARQA	B3/E0	
OSDMARQA	OMEM1	004-050	336	IO	SDMARQA	B4/E0	
OSDMARQA	OMEM2	004-058	336	IO	SDMARQA	B4/E4	
OSDMARQA	OMEM3	004-064	336	IO	SDMARQA	B5/E0	
OSDMARQA	OMEM4	004-070	336	IO	SDMARQA	B5/E5	
OSDMARQA	OMEM5	004-076	336	IO	SDMARQA	B6/E0	
OSDMARQA	OMEM6	004-082	336	IO	SDMARQA	B6/E5	
OSDMARQA	OAPPL1	004-088	336	O	SDMARQA	B7/E1	
OSDMARQB	OCS1	004-026	137	O	NC	B1/E1	
OSDMARQB	OCS2	004-034	137	I	SDMARQB	B2/E0	
OSDMARQB	OCORE	004-042	137	I	SDMARQB	B3/E0	
OSDMARQB	OMEM1	004-050	137	IO	SDMARQB	B4/E0	
OSDMARQB	OMEM2	004-058	137	IO	SDMARQB	B4/E4	
OSDMARQB	OMEM3	004-064	137	IO	SDMARQB	B5/E0	
OSDMARQB	OMEM4	004-070	137	IO	SDMARQB	B5/E5	
OSDMARQB	OMEM5	004-076	137	IO	SDMARQB	B6/E0	
OSDMARQB	OMEM6	004-082	137	IO	SDMARQB	B6/E5	
OSDMARQB	OAPPL1	004-088	137	IO	NC	B7/E1	
OSDMAWRT	OCS1	004-026	236	I	SDMAWRT	B1/E1	
OSDMAWRT	OCS2	004-034	236	O	NC	B2/E0	
OSDMAWRT	OCORE	004-042	236	I	SDMAWRT	B3/E0	
OSDMAWRT	OMEM1	004-050	236	IO	SDMAWRT	B4/E0	
OSDMAWRT	OMEM2	004-058	236	IO	SDMAWRT	B4/E4	
OSDMAWRT	OMEM3	004-064	236	IO	SDMAWRT	B5/E0	
OSDMAWRT	OMEM4	004-070	236	IO	SDMAWRT	B5/E5	
OSDMAWRT	OMEM5	004-076	236	IO	SDMAWRT	B6/E0	
OSDMAWRT	OMEM6	004-082	236	IO	SDMAWRT	B6/E5	
OSDMAWRT	OAPPL1	004-088	236	O	SDMAWRT	B7/E1	
0SENSE67	0PWRCNV	004-012	018	IO	SENSE67	B1/E0	
0SENSE67	0PWRCNV	004-012	019	IO	SENSE67	B1/E0	
0SFOUTEN	OCS2	004-034	245	I	SFOUTEN	B2/E0	
0SFOUTEN	OCORE	004-042	145	O	SFOUTEN	B3/E0	
0SHADSTP	OCS1	004-026	435	O	SHADSTP	B1/E1	
0SHADSTP	OCS2	004-034	551	I	SHADSTP	B2/E0	
0SHDWRST	OCS1	004-026	055	O	SHDWRST	B1/E1	
0SHDWRST	OCS2	004-034	055	I	SHDWRST	B2/E0	
0SHDWRST	OCORE	004-042	055	I	SHDWRST	B3/E0	
0SHDWRST	OMEM1	004-050	055	I	SHDWRST	B4/E0	
0SHDWRST	OMEM2	004-058	055	I	SHDWRST	B4/E4	
0SHDWRST	OMEM3	004-064	055	I	SHDWRST	B5/E0	
0SHDWRST	OMEM4	004-070	055	I	SHDWRST	B5/E5	
0SHDWRST	OMEM5	004-076	055	I	SHDWRST	B6/E0	
0SHDWRST	OMEM6	004-082	055	I	SHDWRST	B6/E5	

66 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
0SHDWRST	OAPPL1		004-088	055	I	SHDWRST	B7/E1
0SIGBPAP	OCS1		004-026	333	I	SIGBPAP	B1/E1
0SIGBPAP	OCS2		004-034	333	O	SIGBPAP	B2/B0
0SIGBPAP	OCORE		004-042	333	O	NC	B3/B0
0SIGBPAP	OMEM1		004-050	333	I	SIGBPAP	B4/B0
0SIGBPAP	OMEM2		004-058	333	I	SIGBPAP	B4/B4
0SIGBPAP	OMEM3		004-064	333	I	SIGBPAP	B5/B0
0SIGBPAP	OMEM4		004-070	333	I	SIGBPAP	B5/B5
0SIGBPAP	OMEM5		004-076	333	I	SIGBPAP	B6/B0
0SIGBPAP	OMEM6		004-082	333	I	SIGBPAP	B6/B5
0SIGBPAP	OAPPL1		004-088	333	I	SIGBPAP	B7/E1
0SIOEN	OCS1		004-026	111	I	SIOEN	B1/E1
0SIOEN	OCS2		004-034	111	I	SIOEN	B2/B0
0SIOEN	OCORE		004-042	111	O	SIOEN	B3/B0
0SIOEN	OMEM1		004-050	111	I	SIOEN	B4/B0
0SIOEN	OMEM2		004-058	111	I	SIOEN	B4/B4
0SIOEN	OMEM3		004-064	111	I	SIOEN	B5/B0
0SIOEN	OMEM4		004-070	111	I	SIOEN	B5/B5
0SIOEN	OMEM5		004-076	111	I	SIOEN	B6/B0
0SIOEN	OMEM6		004-082	111	I	SIOEN	B6/B5
0SIOEN	OAPPL1		004-088	111	I	SIOEN	B7/E1
0SLARF0	ODLI		004-156	332	O	SELAREF0	B14/E0 *
0SMITS1	OCS1		004-026	253	I	SMITS1	B1/E1
0SMITS1	OCS2		004-034	450	O	SMITS1	B2/B0
0SMITS2	OCS1		004-026	353	I	SMITS2	B1/E1
0SMITS2	OCS2		004-034	550	O	SMITS2	B2/B0
0SMLTRSP	OCS1		004-026	233	IO	SMLTRSP	B1/E1
0SMLTRSP	OCS2		004-034	233	IO	SMLTRSP	B2/B0
0SMLTRSP	OCORE		004-042	233	O	NC	B3/B0
0SMLTRSP	OMEM1		004-050	233	IO	SMLTRSP	B4/B0
0SMLTRSP	OMEM2		004-058	233	IO	SMLTRSP	B4/B4
0SMLTRSP	OMEM3		004-064	233	IO	SMLTRSP	B5/B0
0SMLTRSP	OMEM4		004-070	233	IO	SMLTRSP	B5/B5
0SMLTRSP	OMEM5		004-076	233	IO	SMLTRSP	B6/B0
0SMLTRSP	OMEM6		004-082	233	IO	SMLTRSP	B6/B5
0SMLTRSP	OAPPL1		004-088	233	IO	SMLTRSP	B7/E1
0SMRESET	004-050		004-050	422	O		B19/B4 *
0SMRESET	004-054		004-054	022	O		B19/B5 *
0SPOWRST	OCS1		004-026	155	I	SPOWRST	B1/E1
0SPOWRST	OCS2		004-034	155	I	SPOWRST	B2/B0
0SPOWRST	OCORE		004-042	155	O	SPOWRST	B3/B0
0SPOWRST	OMEM1		004-050	155	IO	SPOWRST	B4/B0
0SPOWRST	OMEM2		004-058	155	IO	SPOWRST	B4/B4
0SPOWRST	OMEM3		004-064	155	IO	SPOWRST	B5/B0
0SPOWRST	OMEM4		004-070	155	IO	SPOWRST	B5/B5
0SPOWRST	OMEM5		004-076	155	IO	SPOWRST	B6/B0
0SPOWRST	OMEM6		004-082	155	IO	SPOWRST	B6/B5
0SPOWRST	OAPPL1		004-088	155	IO	NC	B7/E1
0SRAMEN	OCS1		004-026	014	O	NC	B1/E1
0SRAMEN	OCS2		004-034	014	O	NC	B2/B0
0SRAMEN	OCORE		004-042	014	O	SRAMEN	B3/B0
0SRAMEN	OMEM1		004-050	014	I	SRAMEN	B4/B0
0SRAMEN	OMEM2		004-058	014	I	SRAMEN	B4/B4
0SRAMEN	OMEM3		004-064	014	I	SRAMEN	B5/B0
0SRAMEN	OMEM4		004-070	014	I	SRAMEN	B5/B5
0SRAMEN	OMEM5		004-076	014	I	SRAMEN	B6/B0
0SRAMEN	OMEM6		004-082	014	I	SRAMEN	B6/B5
0SRAMEN	OAPPL1		004-088	014	IO	NC	B7/E1
0SROMEN	OCS1		004-026	114	O	NC	B1/E1
0SROMEN	OCS2		004-034	114	I	SROMEN	B2/B0
0SROMEN	OCORE		004-042	114	O	SROMEN	B3/B0
0SROMEN	OMEM1		004-050	114	IO	SROMEN	B4/B0
0SROMEN	OMEM2		004-058	114	IO	SROMEN	B4/B4
0SROMEN	OMEM3		004-064	114	IO	SROMEN	B5/B0
0SROMEN	OMEM4		004-070	114	IO	SROMEN	B5/B5

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67 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OSROMEN	OMEM5	004-076	114	IO	SROMEN	B6/E0	
OSROMEN	OMEM6	004-082	114	IO	SROMEN	B6/E5	
OSROMEN	OAPPL1	004-088	114	IO	NC	B7/E1	
OSSBC	OCS1	004-026	311	I	SSBC	B1/E1	
OSSBC	OCS2	004-034	311	I	SSBC	B2/E0	
OSSBC	OCORE	004-042	311	O	SSBC	B3/E0	
OSSBC	OMEM1	004-050	311	I	SSBC	B4/E0	
OSSBC	OMEM2	004-058	311	I	SSBC	B4/E4	
OSSBC	OMEM3	004-064	311	I	SSBC	B5/E0	
OSSBC	OMEM4	004-070	311	I	SSBC	B5/E5	
OSSBC	OMEM5	004-076	311	I	SSBC	B6/E0	
OSSBC	OMEM6	004-082	311	I	SSBC	B6/E5	
OSSBC	OAPPL1	004-088	311	I	SSBC	B7/E1	
OSTHEN	OCS1	004-026	255	I	STHEN	B1/E1	
OSTHEN	OCS2	004-034	255	I	STHEN	B2/E0	
OSTHEN	OCORE	004-042	255	O	STHEN	B3/E0	
OSTHEN	OMEM1	004-050	255	I	STHEN	B4/E0	
OSTHEN	OMEM2	004-058	255	I	STHEN	B4/E4	
OSTHEN	OMEM3	004-064	255	I	STHEN	B5/E0	
OSTHEN	OMEM4	004-070	255	I	STHEN	B5/E5	
OSTHEN	OMEM5	004-076	255	I	STHEN	B6/E0	
OSTHEN	OMEM6	004-082	255	I	STHEN	B6/E5	
OSTHEN	OAPPL1	004-088	255	I	STHEN	B7/E1	
OSTKERR	OCS1	004-026	445	I	STKERR	B1/E1	
OSTKERR	OCS2	004-034	445	O	STKERR	B2/E0	
OSU0ERR	OCS2	004-034	433	I	SU0ERR	B2/E0	
OSU0ERR	OCIO	004-096	244	I	TSIINT	B8/E0	
OSU0ERR	OTSI-SP	004-144	312	O	SUBTINT	B13/E1	
OSU0SEL	OAPPL1	004-088	404	O	SUSEL0	B7/E1	
OSU0SEL	OTSI-SP	004-144	346	I	SUBTBS	B13/E1	
OSU0WT	OAPPL1	004-088	408	I	SU0WT	B7/E1	
OSU0WT	OTSI-SP	004-144	334	O	SUBTRD	B13/E1	
OSU1ERR	OCS2	004-034	533	I	SU1ERR	B2/E0	
OSU1ERR	OTSI-SP	004-144	223	O	SUBSINT	B13/E1	
OSU1SEL	OAPPL1	004-088	504	O	SUSEL1	B7/E1	
OSU1SEL	OTSI-SP	004-144	212	O	SUBSBS	B13/E1	
OSU1WT	OAPPL1	004-088	508	I	SU1WT	B7/E1	
OSU1WT	OTSI-SP	004-144	133	O	SUBSRD	B13/E1	
OSU2ERR	OCS2	004-034	434	I	SU2ERR	B2/E0	
OSU2ERR	OCIO	004-096	119	O	NINT	B8/E0	
OSU2ERR	OTSI-SP	004-144	215	IO	CI0INT	B13/E1	
OSU2SEL	OAPPL1	004-088	405	O	SUSEL2	B7/E1	
OSU2SEL	OCIO	004-096	319	I	NBS	B8/E0	
OSU2WT	OAPPL1	004-088	409	I	SU2WT	B7/E1	
OSU2WT	OCIO	004-096	019	O	READY	B8/E0	
OSU3ERR	OCS2	004-034	534	I	SU3ERR	B2/E0	
OSU3ERR	OCII	004-104	119	O	NINT	B9/E0	
OSU3ERR	OTSI-SP	004-144	139	IO	CI1INT	B13/E1	
OSU3SEL	OAPPL1	004-088	505	O	SUSEL3	B7/E1	
OSU3SEL	OCII	004-104	319	O	NBS	B9/E0	
OSU3WT	OAPPL1	004-088	509	I	SU3WT	B7/E1	
OSU3WT	OCII	004-104	019	O	READY	B9/E0	
OSU4ERR	OCS2	004-034	435	I	SU4ERR	B2/E0	
OSU4ERR	OPI	004-112	324	O	NINT	B10/E0	
OSU4SEL	OAPPL1	004-088	406	O	SUSEL4	B7/E1	
OSU4SEL	OPI	004-112	346	I	NBS	B10/E0	
OSU4WT	OAPPL1	004-088	410	I	SU4WT	B7/E1	
OSU4WT	OPI	004-112	334	O	NRDY	B10/E0	
OSU5ERR	OCS2	004-034	535	I	SU5ERR	B2/E0	
OSU5ERR	004-120	004-120	324	IO		B2/B7	*
OSU5SEL	OAPPL1	004-088	506	O	SUSEL5	B7/E1	
OSU5SEL	004-120	004-120	346	IO		B7/F7	*
OSU5WT	OAPPL1	004-088	510	I	SU5WT	B7/E1	
OSU5WT	004-120	004-120	334	IO		B7/B6	*
OSUA01	OAPPL1	004-088	401	O	SUA01	B7/E1	
OSUA01	OCIO	004-096	313	I	A1	B8/E0	
OSUA01	OCII	004-104	313	I	A1	B9/E0	
OSUA01	OPI	004-112	323	I	A1	B10/E0	
OSUA01	004-120	004-120	323	IO		B7/F8	*
OSUA01	OTSI-SP	004-144	323	I	SUBA01	B13/E1	
OSUA02	OAPPL1	004-088	501	O	SUA02	B7/E1	
OSUA02	OCIO	004-096	312	O	A2	B8/E0	

68 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OSUA02	OCII	004-104	312	I	A2	B9/E0	
OSUA02	OPI	004-112	322	I	A2	B10/E0	
OSUA02	004-120	004-120	322	IO		B7/F8	*
OSUA02	OTSI-SP	004-144	322	I	SUBA02	B13/E1	
OSUA03	OAPPL1	004-088	402	O	SUA03	B7/E1	
OSUA03	OCIO	004-096	306	I	A3	B8/E0	
OSUA03	OCII	004-104	306	I	A3	B9/E0	
OSUA03	OPI	004-112	321	I	A3	B10/E0	
OSUA03	004-120	004-120	321	IO		B7/F8	*
OSUA03	OTSI-SP	004-144	321	I	SUBA03	B13/E1	
OSUA04	OAPPL1	004-088	502	O	SUA04	B7/E1	
OSUA04	OCIO	004-096	213	I	A4	B8/E0	
OSUA04	OCII	004-104	213	I	A4	B9/E0	
OSUA04	OPI	004-112	320	I	A4	B10/E0	
OSUA04	004-120	004-120	320	IO		B7/F8	*
OSUA04	OTSI-SP	004-144	320	I	SUBA04	B13/E1	
OSUA05	OAPPL1	004-088	403	O	SUA05	B7/E1	
OSUA05	OCIO	004-096	212	I	A5	B8/E0	
OSUA05	OCII	004-104	212	I	A5	B9/E0	
OSUA05	OPI	004-112	319	I	A5	B10/E0	
OSUA05	004-120	004-120	319	IO		B7/F8	*
OSUA05	OTSI-SP	004-144	221	I	SUBA05	B13/E1	
OSUA06	OAPPL1	004-088	503	O	SUA06	B7/E1	
OSUA06	OCIO	004-096	206	I	A6	B8/E0	
OSUA06	OCII	004-104	206	I	A6	B9/E0	
OSUA06	OPI	004-112	318	I	A6	B10/E0	
OSUA06	004-120	004-120	318	IO		B7/F8	*
OSUA06	OTSI-SP	004-144	220	I	SUBA06	B13/E1	
OSUAP	OAPPL1	004-088	500	O	SUAP	B7/E1	
OSUAP	OCIO	004-096	219	I	APAR	B8/E0	
OSUAP	OCII	004-104	219	I	APAR	B9/E0	
OSUAP	OPI	004-112	315	I	APAR	B10/E0	
OSUAP	004-120	004-120	315	IO		B7/F7	*
OSUAP	OTSI-SP	004-144	315	I	SUBAP	B13/E1	
OSUD00	OAPPL1	004-088	416	IO	SUD00	B7/E1	
OSUD00	OCIO	004-096	512	IO	D0	B8/E0	
OSUD00	OCII	004-104	512	IO	D0	B9/E0	
OSUD00	OPI	004-112	344	IO	D0	B10/E0	
OSUD00	004-120	004-120	344	IO		B7/F8	*
OSUD00	OTSI-SP	004-144	344	IO	SUBD0	B13/E1	
OSUD01	OAPPL1	004-088	516	IO	SUD01	B7/E1	
OSUD01	OCIO	004-096	506	IO	D1	B8/E0	
OSUD01	OCII	004-104	506	IO	D1	B9/E0	
OSUD01	OPI	004-112	343	IO	D1	B10/E0	
OSUD01	004-120	004-120	343	IO		B7/F8	*
OSUD01	OTSI-SP	004-144	343	IO	SUBD1	B13/E1	
OSUD02	OAPPL1	004-088	417	IO	SUD02	B7/E1	
OSUD02	OCIO	004-096	505	IO	D2	B8/E0	
OSUD02	OCII	004-104	505	IO	D2	B9/E0	
OSUD02	OPI	004-112	342	IO	D2	B10/E0	
OSUD02	004-120	004-120	342	IO		B7/F8	*
OSUD02	OTSI-SP	004-144	342	IO	SUBD2	B13/E1	
OSUD03	OAPPL1	004-088	517	IO	SUD03	B7/E1	
OSUD03	OCIO	004-096	504	IO	D3	B8/E0	
OSUD03	OCII	004-104	504	IO	D3	B9/E0	
OSUD03	OPI	004-112	341	IO	D3	B10/E0	
OSUD03	004-120	004-120	341	IO		B7/F8	*
OSUD03	OTSI-SP	004-144	341	IO	SUBD3	B13/E1	
OSUD04	OAPPL1	004-088	418	IO	SUD04	B7/E1	
OSUD04	OCIO	004-096	503	IO	D4	B8/E0	
OSUD04	OCII	004-104	503	IO	D4	B9/E0	
OSUD04	OPI	004-112	340	IO	D4	B10/E0	
OSUD04	004-120	004-120	340	IO		B7/F8	*
OSUD04	OTSI-SP	004-144	340	IO	SUBD4	B13/E1	
OSUD05	OAPPL1	004-088	518	IO	SUD05	B7/E1	
OSUD05	OCIO	004-096	502	IO	D5	B8/E0	
OSUD05	OCII	004-104	502	IO	D5	B9/E0	
OSUD05	OPI	004-112	339	IO	D5	B10/E0	
OSUD05	004-120	004-120	339	IO		B7/F8	*
OSUD05	OTSI-SP	004-144	339	IO	SUBD5	B13/E1	
OSUD06	OAPPL1	004-088	419	IO	SUD06	B7/E1	
OSUD06	OCIO	004-096	501	IO	D6	B8/E0	
OSUD06	OCII	004-104	501	IO	D6	B9/E0	
OSUD06	OPI	004-112	337	IO	D6	B10/E0	
OSUD06	004-120	004-120	337	IO		B7/F8	*
OSUD06	OTSI-SP	004-144	337	IO	SUBD6	B13/E1	
OSUD07	OAPPL1	004-088	519	IO	SUD07	B7/E1	
OSUD07	OCIO	004-096	500	IO	D7	B8/E0	
OSUD07	OCII	004-104	500	IO	D7	B9/E0	
OSUD07	OPI	004-112	336	IO	D7	B10/E0	
OSUD07	004-120	004-120	336	IO		B7/F8	*
OSUD07	OTSI-SP	004-144	336	IO	SUBD7	B13/E1	

69 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OSUD08	OAPPL1		004-088	420	IO	SUD08	B7/E1
OSUD08	OCIO		004-096	412	IO	D8	B8/E0
OSUD08	OCII		004-104	412	IO	D8	B9/E0
OSUD08	OPI		004-112	355	IO	D8	B10/E0
OSUD08	004-120		004-120	355	IO		B7/F8 *
OSUD08	OTSI-SP		004-144	355	IO	SUBD8	B13/E1
OSUD09	OAPPL1		004-088	520	IO	SUD09	B7/E1
OSUD09	OCIO		004-096	406	IO	D9	B8/E0
OSUD09	OCII		004-104	406	IO	D9	B9/E0
OSUD09	OPI		004-112	354	IO	D9	B10/E0
OSUD09	004-120		004-120	354	IO		B7/F8 *
OSUD09	OTSI-SP		004-144	354	IO	SUBD9	B13/E1
OSUD10	OAPPL1		004-088	421	IO	SUD10	B7/E1
OSUD10	OCIO		004-096	405	IO	D10	B8/E0
OSUD10	OCII		004-104	405	IO	D10	B9/E0
OSUD10	OPI		004-112	353	IO	D10	B10/E0
OSUD10	004-120		004-120	353	IO		B7/F8 *
OSUD10	OTSI-SP		004-144	353	IO	SUBD10	B13/E1
OSUD11	OAPPL1		004-088	521	IO	SUD11	B7/E1
OSUD11	OCIO		004-096	404	IO	D11	B8/E0
OSUD11	OCII		004-104	404	IO	D11	B9/E0
OSUD11	OPI		004-112	352	IO	D11	B10/E0
OSUD11	004-120		004-120	352	IO		B7/F8 *
OSUD11	OTSI-SP		004-144	352	IO	SUBD11	B13/E1
OSUD12	OAPPL1		004-088	422	IO	SUD12	B7/E1
OSUD12	OCIO		004-096	403	IO	D12	B8/E0
OSUD12	OCII		004-104	403	IO	D12	B9/E0
OSUD12	OPI		004-112	351	IO	D12	B10/E0
OSUD12	004-120		004-120	351	IO		B7/F8 *
OSUD12	OTSI-SP		004-144	351	IO	SUBD12	B13/E1
OSUD13	OAPPL1		004-088	522	IO	SUD13	B7/E1
OSUD13	OCIO		004-096	402	IO	D13	B8/E0
OSUD13	OCII		004-104	402	IO	D13	B9/E0
OSUD13	OPI		004-112	350	IO	D13	B10/E0
OSUD13	004-120		004-120	350	IO		B7/F8 *
OSUD13	OTSI-SP		004-144	350	IO	SUBD13	B13/E1
OSUD14	OAPPL1		004-088	423	IO	SUD14	B7/E1
OSUD14	OCIO		004-096	401	IO	D14	B8/E0
OSUD14	OCII		004-104	401	IO	D14	B9/E0
OSUD14	OPI		004-112	349	IO	D14	B10/E0
OSUD14	004-120		004-120	349	IO		B7/F8 *
OSUD14	OTSI-SP		004-144	349	IO	SUBD14	B13/E1
OSUD15	OAPPL1		004-088	523	IO	SUD15	B7/E1
OSUD15	OCIO		004-096	400	IO	D15	B8/E0
OSUD15	OCII		004-104	400	IO	D15	B9/E0
OSUD15	OPI		004-112	348	IO	D15	B10/E0
OSUD15	004-120		004-120	348	IO		B7/F8 *
OSUD15	OTSI-SP		004-144	348	IO	SUBD15	B13/E1
OSUDPARH	OAPPL1		004-088	515	IO	SUDPARH	B7/E1
OSUDPARH	OCIO		004-096	413	IO	DPARH	B8/E0
OSUDPARH	OCII		004-104	413	IO	DPARH	B9/E0
OSUDPARH	OPI		004-112	347	IO	DPARH	B10/E0
OSUDPARH	004-120		004-120	347	IO		B7/F7 *
OSUDPARH	OTSI-SP		004-144	347	IO	SUBDPH	B13/E1
OSUDPARL	OAPPL1		004-088	415	IO	SUDPARL	B7/E1
OSUDPARL	OCIO		004-096	513	IO	DPARL	B8/E0
OSUDPARL	OCII		004-104	513	IO	DPARL	B9/E0
OSUDPARL	OPI		004-112	335	IO	DPARL	B10/E0
OSUDPARL	004-120		004-120	335	IO		B7/F7 *
OSUDPARL	OTSI-SP		004-144	335	IO	SUBDPL	B13/E1
OSUMIS	OCS1		004-026	547	I	SUMIS	B1/E1
OSUMIS	OAPPL1		004-088	512	O	SUMIS	B7/E1
OSURD	OAPPL1		004-088	514	O	SURD	B7/E1
OSURD	OCIO		004-096	419	I	NRD	B8/E0

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73 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OTERM43	004-151	004-151	043	IO			B19/G4 *
OTERM43	004-161	004-161	043	IO			B19/G5 *
OTERM44	004-151	004-151	044	IO			B19/G4 *
OTERM44	004-161	004-161	044	IO			B19/G5 *
OTERM45	004-151	004-151	045	IO			B19/G4 *
OTERM45	004-161	004-161	045	IO			B19/G5 *
OTERM46	004-151	004-151	046	IO			B19/G4 *
OTERM46	004-161	004-161	046	IO			B19/G5 *
OTERM47	004-151	004-151	047	IO			B19/G4 *
OTERM47	004-161	004-161	047	IO			B19/G5 *
OTERM48	004-151	004-151	048	IO			B19/G4 *
OTERM48	004-161	004-161	048	IO			B19/G5 *
OTERM49	004-151	004-151	049	IO			B19/G4 *
OTERM49	004-161	004-161	049	IO			B19/G5 *
OTERM50	004-151	004-151	050	IO			B19/G4 *
OTERM50	004-161	004-161	050	IO			B19/G5 *
OTERM51	004-151	004-151	051	IO			B19/H4 *
OTERM51	004-161	004-161	051	IO			B19/H5 *
OTERM52	004-151	004-151	052	IO			B19/H4 *
OTERM52	004-161	004-161	052	IO			B19/H5 *
OTERM53	004-151	004-151	053	IO			B19/H4 *
OTERM53	004-161	004-161	053	IO			B19/H5 *
OTERM54	004-151	004-151	054	IO			B19/H4 *
OTERM54	004-161	004-161	054	IO			B19/H5 *
OTERM55	004-151	004-151	055	IO			B19/H4 *
OTERM55	004-161	004-161	055	IO			B19/H5 *
OTERM56	004-151	004-151	056	IO			B19/H4 *
OTERM56	004-161	004-161	056	IO			B19/H5 *
OTEST-48	001-024	001-024	0B0	P			B17/B6 *
OTEST-48	EP2	001-024-0B0	1	P	PWR1		B17/C6
OTEST-48	EP2	001-024-0B0	2	P	PWR2		B17/C6
OTEST-48	EP2	001-024-0B0	3	P	PWR3		B17/C6
OTEST-48	EP2	001-024-0B0	4	P	PWR4		B17/C6
OTEST-48	004-018	004-018	400	P			B17/B6 *
OTEST-48	004-018	004-018	401	P			B17/B6 *
OTEST-48	004-018	004-018	500	P			B17/B6 *
OTEST-48	004-018	004-018	501	P			B17/B7 *
OTESTRTRN	001-018	001-018	2B0	P			B17/B6 *
OTESTRTRN	EP1	001-018-2B0	1	P	PWR1		B17/C6
OTESTRTRN	EP1	001-018-2B0	2	P	PWR2		B17/C6
OTESTRTRN	EP1	001-018-2B0	3	P	PWR3		B17/C6
OTESTRTRN	EP1	001-018-2B0	4	P	PWR4		B17/C6
OTESTRTRN	004-018	004-018	402	G			B17/B6 *
OTESTRTRN	004-018	004-018	403	G			B17/B6 *
OTESTRTRN	004-018	004-018	502	G			B17/B6 *
OTESTRTRN	004-018	004-018	503	G			B17/B6 *
OTEXTACC	OCS2	004-034	243	I	TEXTACC		B2/E0
OTEXTACC	OCORE	004-042	243	O	TEXTACC		B3/E0
OTEXTACC	OMEM1	004-050	138	IO	TEXTACC		B4/E0
OTEXTACC	OMEM2	004-058	138	IO	TEXTACC		B4/E4
OTEXTACC	OMEM3	004-064	138	IO	TEXTACC		B5/E0
OTEXTACC	OMEM4	004-070	138	IO	TEXTACC		B5/E5
OTEXTACC	OMEM5	004-076	138	IO	TEXTACC		B6/E0
OTEXTACC	OMEM6	004-082	138	IO	TEXTACC		B6/E5
OTIODECX	004-016	004-016	011	IO			B18/E1 *
OTIODECX	004-018	004-018	124	IO			B18/E2 *
OTM1STP	OCS1	004-026	146	O	TM1STP		B1/E1
OTM1STP	004-033	004-033	052	IO			B1/F8 *
OTM2STP	OCS1	004-026	046	O	TM2STP		B1/E1
OTM2STP	004-032	004-032	052	IO			B1/F8 *
OTMACT	OCS1	004-026	150	O	TMACT		B1/E1
OTMACT	004-033	004-033	056	IO			B1/F8 *
OTMAFF	OCS1	004-026	048	O	TMAFF		B1/E1
OTMAFF	004-032	004-032	054	IO			B1/F8 *
OTMCNTER	OCS1	004-026	149	O	TMCNTER		B1/E1
OTMCNTER	004-033	004-033	055	IO			B1/F8 *
OTMDRQ	OCS1	004-026	148	O	TMDRQ		B1/E1
OTMDRQ	004-033	004-033	054	IO			B1/F8 *
OTMFIACT	OCS1	004-026	147	O	TMFIACT		B1/E1
OTMFIACT	004-033	004-033	053	IO			B1/F8 *

74 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OTMONINX	004-017	004-017	016	IO			B18/E1 *
OTMONINX	004-018	004-018	009	IO			B18/E2 *
OTMOOS	OCS1	004-026	515	O	TMOOS		B1/B1
OTMOOS	004-033	004-033	039	IO			B1/F8 *
OTMPERR	OCS1	004-026	047	O	NC		B1/B1
OTMPERR	004-032	004-032	053	IO			B1/F7 *
OTMPERR	OCS2	004-034	042	O	TMPERR		B2/E0
OTMPF	OCS1	004-026	414	O	TMPPF		B1/B1
OTMPF	004-032	004-032	038	IO			B1/F8 *
OTMRQIP	OCS1	004-026	415	O	TMRQIP		B1/B1
OTMRQIP	004-032	004-032	039	IO			B1/F8 *
OTMRST	OCS1	004-026	049	O	TMRST		B1/B1
OTMRST	004-032	004-032	055	IO			B1/F8 *
OTMT+	004-050	004-050	554	P			B17/F2 *
OTMT+	004-055	004-055	054	O			B17/F3 *
OTMT+	OEIBIO	004-055R	054	O	TMT+		B17/E2
OTMT-	004-050	004-050	553	P			B17/F2 *
OTMT-	004-055	004-055	053	O			B17/F3 *
OTMT-	OEIBIO	004-055R	053	O	TMT-		B17/E2
OTMTHEN	OCS1	004-026	050	O	TMTHEN		B1/B1
OTMTHEN	004-032	004-032	056	IO			B1/F9 *
OTMTTITA	OMEM1	004-050	053	IO	NCTMTTITA		B4/E0 *
OTMULTRS	OCS1	004-026	448	I	TMULTRS		B1/B1
OTMULTRS	OCS2	004-034	448	O	TMULTRS		B2/E0
OTMUPDAT	OCS1	004-026	441	O	TMUPDATE		B1/B1
OTMUPDAT	004-032	004-032	040	IO			B1/F9 *
OTMWSC	OCS1	004-026	514	O	TMWSC		B1/B1
OTMWSC	004-033	004-033	038	IO			B1/F9 *
OTMXSC	OCS1	004-026	413	O	TMXSC		B1/B1
OTMXSC	004-032	004-032	037	IO			B1/F9 *
OTMYSC	OCS1	004-026	513	O	TMYSC		B1/B1
OTMYSC	004-033	004-033	037	IO			B1/F9 *
OTMZSC	OCS1	004-026	412	O	TMZSC		B1/B1
OTMZSC	004-032	004-032	036	IO			B1/F9 *
OTPAODIA	ODI1	004-138	306	I	NIBOTA		B12/E0
OTPAODIA	OTSI-SP	004-144	006	O	DIAON3		B13/E1
OTPBODIA	ODI0	004-130	306	I	NIBOTA		B11/E0
OTPBODIA	OTSI-SP	004-144	016	O	DIBON3		B13/E1
OTPSROMX	004-017	004-017	018	IO			B18/E1 *
OTPSROMX	004-018	004-018	055	IO			B18/E2 *
OTPWRUPX	004-017	004-017	014	IO			B18/E1 *
OTPWRUPX	004-018	004-018	043	IO			B18/E2 *
OTRCV	004-120	004-120	306	IO			B18/C8 *
OTREAD0X	004-017	004-017	010	IO			B18/E1 *
OTREAD0X	004-018	004-018	211	IO			B18/E2 *
OTRESTRX	004-016	004-016	018	IO			B18/E1 *
OTRESTRX	004-018	004-018	017	IO			B18/E2 *
OTSANINH	004-033	004-033	017	IO			B2/B7 *
OTSANINH	OCS2	004-034	416	I	TSANINH		B2/E0
OTSANINX	004-016	004-016	016	IO			B18/F1 *
OTSANINX	004-018	004-018	136	IO			B18/F2 *
OTSTA	OCS1	004-026	401	O	TSTA		B1/B1
OTSTA	004-033	004-033	005	IO			B1/F9 *
OTSTB	OCS1	004-026	501	O	TSTB		B1/B1
OTSTB	004-032	004-032	005	IO			B1/F9 *
OTSTWX	004-016	004-016	019	IO			B18/F1 *
OTSTWX	004-018	004-018	036	IO			B18/F2 *
OTTHEN1X	004-016	004-016	013	IO			B18/F1 *
OTTHEN1X	004-018	004-018	005	IO			B18/F2 *
OTVALOPX	004-017	004-017	019	IO			B18/F1 *
OTVALOPX	004-018	004-018	204	IO			B18/F2 *
OTWPSPIX	004-016	004-016	015	IO			B18/F1 *
OTWPSPIX	004-018	004-018	040	IO			B18/F2 *
OTWPSPIX	004-018	004-018	044	IO			B18/F2 *

75 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OTWRT0X	004-016		004-016	010	IO		B18/F1 *
OTWRT0X	004-018		004-018	114	IO		B18/F2 *
OTXAODID	ODI1		004-138	006	I	DIBOTD	B12/E0
OTXAODID	OTSI-SP		004-144	306	O	DIAON0	B13/E1
OTXBODID	ODI0		004-130	006	I	DIBOTD	B11/E0
OTXBODID	OTSI-SP		004-144	316	O	DIBON0	B13/E1
OTXMIT	004-120		004-120	305	IO		B18/C8 *
OTYAODIC	ODI1		004-138	106	I	NIBOTC	B12/E0
OTYAODIC	OTSI-SP		004-144	206	O	DIAON1	B13/E1
OTYBODIC	ODI0		004-130	106	I	NIBOTC	B11/E0
OTYBODIC	OTSI-SP		004-144	216	O	DIBON1	B13/E1
OTZAODIB	ODI1		004-138	206	I	NIBOTB	B12/E0
OTZAODIB	OTSI-SP		004-144	106	O	DIAON2	B13/E1
OTZBODIB	ODI0		004-130	206	I	NIBOTB	B11/E0
OTZBODIB	OTSI-SP		004-144	116	O	DIBON2	B13/E1
OU16BYS0	OCORE		004-042	522	IO	U16BYS0	B3/E0 *
OU16BYS2	OCORE		004-042	423	IO	U16BYS1	B3/E0 *
OU16RDY	OCORE		004-042	453	IO	U16RDY	B3/E0 *
OU32BYS0	OCORE		004-042	520	IO	U32BYS0	B3/E0 *
OU32BYS1	OCORE		004-042	421	IO	U32BYS1	B3/E0 *
OU32BYS2	OCORE		004-042	521	IO	U32BYS2	B3/E0 *
OU32BYS3	OCORE		004-042	422	IO	U32BYS3	B3/E0 *
OU32RDY	OCORE		004-042	553	IO	U32RDY	B3/E0 *
OUADD00	OCORE		004-042	502	IO	UADD00	B3/E0 *
OUADD01	OCORE		004-042	403	IO	UADD01	B3/E0 *
OUADD02	OCORE		004-042	503	IO	UADD02	B3/E0 *
OUADD03	OCORE		004-042	404	IO	UADD03	B3/E0 *
OUADD04	OCORE		004-042	504	IO	UADD04	B3/E0 *
OUADD05	OCORE		004-042	405	IO	UADD05	B3/E0 *
OUADD06	OCORE		004-042	505	IO	UADD06	B3/E0 *
OUADD07	OCORE		004-042	406	IO	UADD07	B3/E0 *
OUADD08	OCORE		004-042	506	IO	UADD08	B3/E0 *
OUADD09	OCORE		004-042	407	IO	UADD09	B3/E0 *
OUADD10	OCORE		004-042	507	IO	UADD10	B3/E0 *
OUADD11	OCORE		004-042	408	IO	UADD11	B3/E0 *
OUADD12	OCORE		004-042	508	IO	UADD12	B3/E0 *
OUADD13	OCORE		004-042	409	IO	UADD13	B3/E0 *
OUADD14	OCORE		004-042	509	IO	UADD14	B3/E0 *
OUADD15	OCORE		004-042	410	IO	UADD15	B3/E0 *
OUADD16	OCORE		004-042	510	IO	UADD16	B3/E0 *
OUADD17	OCORE		004-042	411	IO	UADD17	B3/E0 *

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76 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
OUADD18	OCORE	004-042	513	IO UADD18	B3/E0	*	
OUADD19	OCORE	004-042	414	IO UADD19	B3/E0	*	
OUADD20	OCORE	004-042	514	IO UADD20	B3/E0	*	
OUADD21	OCORE	004-042	415	IO UADD21	B3/E0	*	
OUADD22	OCORE	004-042	515	IO UADD22	B3/E0	*	
OUADD23	OCORE	004-042	416	IO UADD23	B3/E0	*	
OUADD24	OCORE	004-042	516	IO UADD24	B3/E0	*	
OUADD25	OCORE	004-042	417	IO UADD25	B3/E0	*	
OUADD26	OCORE	004-042	517	IO UADD26	B3/E0	*	
OUADD27	OCORE	004-042	418	IO UADD27	B3/E0	*	
OUADD28	OCORE	004-042	518	IO UADD28	B3/E0	*	
OUADD29	OCORE	004-042	419	IO UADD29	B3/E0	*	
OUADD30	OCORE	004-042	519	IO UADD30	B3/E0	*	
OUADD31	OCORE	004-042	420	IO UADD31	B3/E0	*	
OUADDPH	OCORE	004-042	402	IO UADDPH	B3/E0	*	
OUADDPL	OCORE	004-042	500	IO UADDPL	B3/E0	*	
OUADDPMH	OCORE	004-042	501	IO UADDPMH	B3/E0	*	
OUADDPML	OCORE	004-042	401	IO UADDPML	B3/E0	*	
UBRDY	OCORE	004-042	552	IO UBRDY	B3/E0	*	
UBYTSLP	OCORE	004-042	523	IO UBYTSLP	B3/E0	*	
UDAT00	OCORE	004-042	534	IO UDAT00	B3/E0	*	
UDAT01	OCORE	004-042	435	IO UDAT01	B3/E0	*	
UDAT02	OCORE	004-042	535	IO UDAT02	B3/E0	*	
UDAT03	OCORE	004-042	436	IO UDAT03	B3/E0	*	
UDAT04	OCORE	004-042	536	IO UDAT04	B3/E0	*	
UDAT05	OCORE	004-042	437	IO UDAT05	B3/E0	*	
UDAT06	OCORE	004-042	537	IO UDAT06	B3/E0	*	
UDAT07	OCORE	004-042	438	IO UDAT07	B3/E0	*	
UDAT08	OCORE	004-042	538	IO UDAT08	B3/E0	*	
UDAT09	OCORE	004-042	439	IO UDAT09	B3/E0	*	
UDAT10	OCORE	004-042	539	IO UDAT10	B3/E0	*	
UDAT11	OCORE	004-042	440	IO UDAT11	B3/E0	*	
UDAT12	OCORE	004-042	540	IO UDAT12	B3/E0	*	
UDAT13	OCORE	004-042	441	IO UDAT13	B3/E0	*	
UDAT14	OCORE	004-042	541	IO UDAT14	B3/E0	*	
UDAT15	OCORE	004-042	442	IO UDAT15	B3/E0	*	
UDAT16	OCORE	004-042	542	IO UDAT16	B3/E0	*	
UDAT17	OCORE	004-042	443	IO UDAT17	B3/E0	*	
UDAT18	OCORE	004-042	545	IO UDAT18	B3/E0	*	
UDAT19	OCORE	004-042	446	IO UDAT19	B3/E0	*	
UDAT20	OCORE	004-042	546	IO UDAT20	B3/E0	*	
UDAT21	OCORE	004-042	447	IO UDAT21	B3/E0	*	
UDAT22	OCORE	004-042	547	IO UDAT22	B3/E0	*	
UDAT23	OCORE	004-042	448	IO UDAT23	B3/E0	*	
UDAT24	OCORE	004-042	548	IO UDAT24	B3/E0	*	
UDAT25	OCORE	004-042	449	IO UDAT25	B3/E0	*	
UDAT26	OCORE	004-042	549	IO UDAT26	B3/E0	*	
UDAT27	OCORE	004-042	450	IO UDAT27	B3/E0	*	

77 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
UDAT28	OCORE	004-042	550	IO UDAT28	B3/E0	*	
UDAT29	OCORE	004-042	451	IO UDAT29	B3/E0	*	
UDAT30	OCORE	004-042	551	IO UDAT30	B3/E0	*	
UDAT31	OCORE	004-042	452	IO UDAT31	B3/E0	*	
UDATPH	OCORE	004-042	434	IO UDATPH	B3/E0	*	
UDATPL	OCORE	004-042	532	IO UDATPL	B3/E0	*	
UDATPMH	OCORE	004-042	533	IO UDATPMH	B3/E0	*	
UDATPML	OCORE	004-042	433	IO UDATPML	B3/E0	*	
UMJPEN	OCORE	004-042	455	IO MUPEN	B3/E0	*	
UMPERR	OCORE	004-042	454	IO MPERR	B3/E0	*	
UPDATE	OCS1	004-026	054	O UPDATE	B1/E1		
UPDATE	OCORE	004-042	352	I UPDATE	B3/E0		
UPDWP	OCS2	004-034	146	O UPDWP	B2/E0		
UPDWP	OMEM1	004-050	146	I UPDWP	B4/E0		
UPDWP	OMEM2	004-058	146	I UPDWP	B4/E4		
UPDWP	OMEM3	004-064	146	I UPDWP	B5/E0		
UPDWP	OMEM4	004-070	146	I UPDWP	B5/E5		
UPDWP	OMEM5	004-076	146	I UPDWP	B6/E0		
UPDWP	OMEM6	004-082	146	I UPDWP	B6/E5		
UREADY	OCORE	004-042	424	IO UREAD	B3/E0	*	
UWRITE	OCORE	004-042	554	IO UWRITE	B3/E0	*	
WARP	OCS2	004-034	538	O WARP	B2/E0		
WARP	OCORE	004-042	238	I WARP	B3/E0		
WARPINX	004-016	004-016	014	IO	B18/F1	*	
WARPINX	004-018	004-018	421	IO	B18/F2	*	
WPDAT	OCS2	004-034	046	O WPDAT	B2/E0		
WPDAT	OMEM1	004-050	046	I WPDAT	B4/E0		
WPDAT	OMEM2	004-058	046	I WPDAT	B4/E4		
WPDAT	OMEM3	004-064	046	I WPDAT	B5/E0		
WPDAT	OMEM4	004-070	046	I WPDAT	B5/E5		
WPDAT	OMEM5	004-076	046	I WPDAT	B6/E0		
WPDAT	OMEM6	004-082	046	I WPDAT	B6/E5		
WPERR	OCS2	004-034	147	I WPERR	B2/E0		
WPERR	OMEM1	004-050	147	O WPERR	B4/E0		
WPERR	OMEM2	004-058	147	O WPERR	B4/E4		
WPERR	OMEM3	004-064	147	O WPERR	B5/E0		
WPERR	OMEM4	004-070	147	O WPERR	B5/E5		
WPERR	OMEM5	004-076	147	O WPERR	B6/E0		
WPERR	OMEM6	004-082	147	O WPERR	B6/E5		
WPROTER	OCS1	004-026	545	I WPROTER	B1/E1		
WPROTER	OCS2	004-034	545	O WPROTER	B2/E0		
WPSTAT	OCS2	004-034	145	I WPSTAT	B2/E0		
WPSTAT	OMEM1	004-050	148	O WPSTAT	B4/E0		
WPSTAT	OMEM2	004-058	148	O WPSTAT	B4/E4		
WPSTAT	OMEM3	004-064	148	O WPSTAT	B5/E0		
WPSTAT	OMEM4	004-070	148	O WPSTAT	B5/E5		
WPSTAT	OMEM5	004-076	148	O WPSTAT	B6/E0		
WPSTAT	OMEM6	004-082	148	O WPSTAT	B6/E5		
WRSTRB	OCS2	004-034	345	I WRSTRB	B2/E0		
WRSTRB	OCORE	004-042	345	O WRSTRB	B3/E0		
0X8KREF0	004-120	004-120	202	O	B18/D8	*	
0X8KREF1	004-120	004-120	203	O	B18/D8	*	
0X8KRFA	OCONN	004-156	254	IO X8KRFA	B16/B4	*	
0X8KRFA	ODLI	004-156	254	I EX8KRFA	B14/E0		
0X8KRFB	OCONN	004-156	306	IO X8KRFB	B16/B4	*	
0X8KRFB	ODLI	004-156	306	I EX8KRFB	B14/E0		
0XAINER	004-120	004-120	205	O	B18/D8	*	
0XAINFR	OCONN	004-156	232	IO XAINFR	B16/B4	*	
0XAINFR	ODLI	004-156	232	I EXAINFR	B14/E0		
0XBINER	004-120	004-120	206	O	B18/D8	*	
0XBINFR	OCONN	004-156	322	IO XBINFR	B16/B4	*	
0XBINFR	ODLI	004-156	322	I EXBINFR	B14/E0		
0XGPRESO	004-117	004-117	006	I	B19/D1	*	
0XTRAI NT	OCS2	004-034	352	I XTRAI NT	B2/E0	*	
0XTRAI NT	004-050	004-050	521	IO	B2/B8	*	
0XTRAI NT	004-055	004-055	021	IO	B2/B8	*	

78 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
0ZIN	OCS1	004-026	504	I ZIN	B1/B1		
0ZIN	004-032	004-032	004	IO	B1/B6	*	
1+5VCC1A	1DSC	104-168	120	F VCCO	B36/E0		
1+5VCC1A	1DSC	104-168	220	IO NC	B36/E0		
1+5VCC1B	1DSC	104-168	121	IO NC	B36/E0		
1+5VCC1B	1DSC	104-168	221	I APRLPB	B36/E0		
1+5VCC1C	1DSC	104-168	122	IO NC	B36/E0		
1+5VCC1C	1DSC	104-168	222	O APRLPA	B36/E0		
1+5VCC1D	1DSC	104-168	123	F VCCO	B36/E0		
1+5VCC1D	1DSC	104-168	223	P VCCIN	B36/E0		
1+5VCC3A	104-178	104-178	120	IO	B39/B8	*	
1+5VCC3A	104-178	104-178	220	IO	B39/B8	*	
1+5VCC3B	104-178	104-178	121	IO	B39/B8	*	
1+5VCC3B	104-178	104-178	221	IO	B39/B8	*	
1+5VCC3C	104-178	104-178	122	IO	B39/B8	*	
1+5VCC3C	104-178	104-178	222	IO	B39/B8	*	
1+5VCC3D	104-178	104-178	123	IO	B39/B8	*	
1+5VCC3D	104-178	104-178	223	IO	B39/C8	*	
1+5VPP1A	1DSC	104-168	114	P VPPO	B36/E0		
1+5VPP1A	1DSC	104-168	214	IO NC	B36/E0		
1+5VPP1B	1DSC	104-168	115	P VPPO	B36/E0		
1+5VPP1B	1DSC	104-168	215	IO NC	B36/E0		
1+5VPP1C	1DSC	104-168	116	P VPPO	B36/E0		
1+5VPP1C	1DSC	104-168	216	IO NC	B36/E0		
1+5VPP3A	104-178	104-178	114	IO	B39/C8	*	
1+5VPP3A	104-178	104-178	214	IO	B39/C8	*	
1+5VPP3B	104-178	104-178	115	IO	B39/C8	*	
1+5VPP3B	104-178	104-178	215	IO	B39/C8	*	
1+5VPP3C	104-178	104-178	116	IO	B39/C8	*	
1+5VPP3C	104-178	104-178	216	IO	B39/C8	*	
1+CURPR	1PWRCOV	104-012	017	IO +CURPR	B22/E0		
1+CURPR	104-018	104-018	112	IO	B22/G0	*	
1+CURPR	1CS1	104-026	112	O +CURPR	B22/E1		
1+CURPR	1CS2	104-034	112	O +CURPR	B23/E0		
1+CURPR	1CORE	104-042	112	O -CURPR	B24/E0		
1+CURPR	1MEM1	104-050	112	IO +CURPR	B25/E0		
1+CURPR	1MEM2	104-058	112	IO +CURPR	B25/E5		
1+CURPR	1MEM3	104-064	112	IO +CURPR	B26/E0		
1+CURPR	1MEM4	104-070	112	IO +CURPR	B26/E5		
1+CURPR	1MEM5	104-076	112	IO +CURPR	B27/E0		
1+CURPR	1MEM6	104-082	112	IO +CURPR	B27/E5		
1+CURPR	1APPL1	104-088	112	O +CURPR	B28/E1		
1+CURPR	1C10	104-096	112	O +CURPR	B29/E0		
1+CURPR	1C11	104-104	112	O +CURPR	B30/E0		
1+CURPR	1PI	104-112	112	I +CURPR	B31/E0		
1+CURPR	104-120	104-120	112	IO	B22/G0	*	
1+CURPR	1D10	104-130	112	IO +CURPR	B32/E0		
1+CURPR	1D11	104-138	112	IO +CURPR	B33/E0		
1+CURPR	1TSI-SP	104-144	112	IO +CURPR	B34/E1		
1-CURPR	1PWRCOV	104-012	117	IO -CURPR	B22/E0		
1-CURPR	104-018	104-018	012	IO	B22/G0	*	
1-CURPR	1CS1	104-026	012	O -CURPR	B22/E1		
1-CURPR	1CS2	104-034	012	O -CURPR	B23/E0		
1-CURPR	1CORE	104-042	012	O +CURPR	B24/E0		
1-CURPR	1MEM1	104-050	012	IO -CURPR	B25/E0		
1-CURPR	1MEM2	104-058	012	IO -CURPR	B25/E5		
1-CURPR	1MEM3	104-064	012	IO -CURPR	B26/E0		
1-CURPR	1MEM4	104-070	012	IO -CURPR	B26/E5		
1-CURPR	1MEM5	104-076	012	IO -CURPR	B27/E0		

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79 LEAD INDEX (CONTINUED)							
LDDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
1-CURPR	1MEM6	104-082	012	IO	-CURPR	B27/B5	
1-CURPR	1APPL1	104-088	012	O	-CURPR	B28/B1	
1-CURPR	1CIO	104-096	012	O	-CURPR	B29/B0	
1-CURPR	1CT1	104-104	012	O	-CURPR	B30/B0	
1-CURPR	1PI	104-112	012	I	-CURPR	B31/B0	
1-CURPR	104-120	104-120	012	IO		B22/G0	*
1-CURPR	1DIO	104-130	012	IO	-CURPR	B32/B0	
1-CURPR	1DI1	104-138	012	IO	-CURPR	B33/B0	
1-CURPR	1TSI-SP	104-144	012	IO	-CUPR	B34/B1	
100CIN	1DSC	104-168	254	I	CON	B36/B0	*
100CIN	104-172	104-172	048	IO		B36/B5	*
100C1P	1DSC	104-168	354	I	COP	B36/B0	*
100C1P	104-173	104-173	048	IO		B36/B5	*
100IDIN	1DSC	104-168	256	O	IDON	B36/B0	*
100IDIN	104-172	104-172	050	IO		B36/F6	*
100ID1P	1DSC	104-168	356	O	IDOP	B36/B0	*
100ID1P	104-173	104-173	050	IO		B36/F7	*
100INT1P	1DSC	104-168	352	O	NINTOP	B36/B0	*
100INT1P	104-173	104-173	046	IO		B36/F7	*
100ODIN	1DSC	104-168	255	O	ODON	B36/B0	*
100ODIN	104-172	104-172	049	IO		B36/F7	*
100OD1P	1DSC	104-168	355	O	ODOP	B36/B0	*
100OD1P	104-173	104-173	049	IO		B36/F7	*
100S1N	1DSC	104-168	253	I	S0N	B36/B0	*
100S1N	104-172	104-172	047	IO		B36/B5	*
100S1P	1DSC	104-168	353	I	S0P	B36/B0	*
100S1P	104-173	104-173	047	IO		B36/B5	*
101ACPI	104-152	104-152	050	IO		B35/G0	*
101ACPI	1DLI	104-156	236	O	ACPIMP0	B35/B0	
101ADLIR	104-152	104-152	042	IO		B35/G0	*
101ADLIR	1DLI	104-156	152	O	ARMTDMP0	B35/B0	
101ADLIT	104-152	104-152	039	IO		B35/B1	*
101ADLIT	1DLI	104-156	150	I	ATMTDMP0	B35/B0	
101APAR	104-153	104-153	042	IO		B35/G0	*
101APAR	1DLI	104-156	151	O	ARMTFMP0	B35/B0	
101APART	104-153	104-153	039	IO		B35/B1	*
101APART	1DLI	104-156	149	I	ATMTFMP0	B35/B0	
101BCPI	104-153	104-153	050	IO		B35/G1	*
101BCPI	1DLI	104-156	235	O	BCPIMP0	B35/B0	
101BDLIR	104-152	104-152	040	IO		B35/G1	*
101BDLIR	1DLI	104-156	132	O	BRMTDMP0	B35/B0	
101BDLIT	104-152	104-152	037	IO		B35/B1	*
101BDLIT	1DLI	104-156	034	I	BTMTDMP0	B35/B0	
101BPAR	104-153	104-153	040	IO		B35/G1	*
101BPAR	1DLI	104-156	032	O	BRMTFMP0	B35/B0	
101BPART	104-153	104-153	037	IO		B35/B1	*
101BPART	1DLI	104-156	033	I	BTMTFMP0	B35/B0	
101DLIGO	104-153	104-153	052	IO		B35/B1	*
101DLIGO	1DLI	104-156	139	I	OMPG0	B35/B0	
101DLIIN	104-152	104-152	051	IO		B35/G2	*
101DLIIN	1DLI	104-156	142	O	OMPOUT	B35/B0	
101DLIW	104-152	104-152	046	IO		B35/G1	*
101DLIW	1DLI	104-156	222	O	SCW0	B35/B0	
101DLIX	104-033	104-033	045	IO		B35/G1	*
101DLIX	1DLI	104-156	342	O	SCX0	B35/B0	
101DLIY	104-153	104-153	047	IO		B35/G1	*
101DLIY	1DLI	104-156	337	O	SCY0	B35/B0	
101LIACT	104-152	104-152	053	IO		B35/B2	*
101LIACT	1DLI	104-156	138	I	OMPACT	B35/B0	
101LIC48	104-152	104-152	015	IO		B35/G1	*
101LIC48	1DLI	104-156	036	O	MTSCKMP0	B35/B0	
101LICK8	104-152	104-152	014	IO		B35/G1	*
101LICK8	1DLI	104-156	035	O	CPICKMP0	B35/B0	
101LICKL	104-153	104-153	035	IO		B35/B2	*
101LICKL	1DLI	104-156	137	I	OMPCK	B35/B0	
101LIDGN	104-152	104-152	049	IO		B35/B2	*
101LIDGN	1DLI	104-156	223	I	DGN0	B35/B0	

80 LEAD INDEX (CONTINUED)							
LDDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
101LIBRR	104-152	104-152	047	IO		B35/G2	*
101LIBRR	1DLI	104-156	141	O	OMPINT	B35/B0	
101LIOOS	104-153	104-153	048	IO		B35/B1	*
101LIOOS	1DLI	104-156	313	I	00S0	B35/B0	
101LIOUT	104-153	104-153	051	IO		B35/B2	*
101LIOUT	1DLI	104-156	140	I	OMPDATA	B35/B0	
101LIRQP	104-152	104-152	048	IO		B35/B2	*
101LIRQP	1DLI	104-156	253	I	RQIP0	B35/B0	
101SYN6M	1TSI-SP	104-144	208	I	DLIO6M	B34/B1	
101SYN6M	104-152	104-152	003	IO		B34/B5	*
101SYN6M	1DLI	104-156	002	I	6MSIN	B35/B0	
104MC0N	1DIO	104-130	104	O	04MCN	B32/B0	*
104MC0P	1DIO	104-130	004	O	04MCP	B32/B0	*
104MC10N	1DIO	104-130	149	O	104MCN	B32/B0	*
104MC10P	1DIO	104-130	049	O	104MCP	B32/B0	*
104MC11N	1DIO	104-130	155	O	114MCN	B32/B0	*
104MC11P	1DIO	104-130	055	O	114MCP	B32/B0	*
104MC12N	1DIO	104-130	336	O	124MCN	B32/B0	*
104MC12P	1DIO	104-130	236	O	124MCP	B32/B0	*
104MC13N	1DIO	104-130	342	O	134MCN	B32/B0	*
104MC13P	1DIO	104-130	242	O	134MCP	B32/B0	*
104MC14N	1DIO	104-130	349	O	144MCN	B32/B0	*
104MC14P	1DIO	104-130	249	O	144MCP	B32/B0	*
104MC15N	1DIO	104-130	355	O	154MCN	B32/B0	*
104MC15P	1DIO	104-130	255	O	154MCP	B32/B0	*
104MC1N	1DIO	104-130	110	O	14MCN	B32/B0	*
104MC1NL	1DSC	104-168	305	IO	4MC0N	B36/B0	
104MC1NL	104-173	104-173	037	IO		B36/F2	*
104MC1P	1DIO	104-130	010	O	14MCP	B32/B0	*
104MC1PL	1DSC	104-168	205	IO	4MC0P	B36/B0	
104MC1PL	104-172	104-172	037	IO		B36/F2	*
104MC2N	1DIO	104-130	117	O	24MCN	B32/B0	*
104MC2P	1DIO	104-130	017	O	24MCP	B32/B0	*
104MC3N	1DIO	104-130	123	O	34MCN	B32/B0	*
104MC3P	1DIO	104-130	023	O	34MCP	B32/B0	*
104MC4N	1DIO	104-130	304	O	44MCN	B32/B0	*
104MC4P	1DIO	104-130	204	O	44MCP	B32/B0	*
104MC5N	1DIO	104-130	310	O	54MCN	B32/B0	*
104MC5P	1DIO	104-130	210	O	54MCP	B32/B0	*
104MC6N	1DIO	104-130	317	O	64MCN	B32/B0	*
104MC6P	1DIO	104-130	217	O	64MCP	B32/B0	*
104MC7N	1DIO	104-130	323	O	74MCN	B32/B0	*
104MC7P	1DIO	104-130	223	O	74MCP	B32/B0	*
104MC8N	1DIO	104-130	136	O	84MCN	B32/B0	*
104MC8P	1DIO	104-130	036	O	84MCP	B32/B0	*
104MC9N	1DIO	104-130	142	O	94MCN	B32/B0	*
104MC9P	1DIO	104-130	042	O	94MCP	B32/B0	*
108KS0N	1DIO	104-130	103	O	08KSN	B32/B0	*
108KS0P	1DIO	104-130	003	O	08KSP	B32/B0	*
108KS10N	1DIO	104-130	148	O	108KSN	B32/B0	*
108KS10P	1DIO	104-130	048	O	108KSP	B32/B0	*
108KS11N	1DIO	104-130	154	O	118KSN	B32/B0	*

81 LEAD INDEX (CONTINUED)							
LDDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
108KS11P	1DIO	104-130	054	O	118KSP	B32/B0	*
108KS12N	1DIO	104-130	335	O	128KSN	B32/B0	*
108KS12P	1DIO	104-130	235	O	128KSP	B32/B0	*
108KS13N	1DIO	104-130	341	O	138KSN	B32/B0	*
108KS13P	1DIO	104-130	241	O	138KSP	B32/B0	*
108KS14N	1DIO	104-130	348	O	148KSN	B32/B0	*
108KS14P	1DIO	104-130	248	O	148KSP	B32/B0	*
108KS15N	1DIO	104-130	354	O	158KSN	B32/B0	*
108KS15P	1DIO	104-130	254	O	158KSP	B32/B0	*
108KS1N	1DIO	104-130	109	O	18KSN	B32/B0	*
108KS1NL	1DSC	104-168	304	IO	8KS0N	B36/B0	
108KS1NL	104-173	104-173	035	IO		B36/F2	*
108KS1P	1DIO	104-130	009	O	18KSP	B32/B0	*
108KS1PL	1DSC	104-168	204	IO	8KS0P	B36/B0	
108KS1PL	104-172	104-172	035	IO		B36/F3	*
108KS2N	1DIO	104-130	116	O	28KSN	B32/B0	*
108KS2P	1DIO	104-130	016	O	28KSP	B32/B0	*
108KS3N	1DIO	104-130	122	O	38KSN	B32/B0	*
108KS3P	1DIO	104-130	022	O	38KSP	B32/B0	*
108KS4N	1DIO	104-130	303	O	48KSN	B32/B0	*
108KS4P	1DIO	104-130	203	O	48KSP	B32/B0	*
108KS5N	1DIO	104-130	309	O	58KSN	B32/B0	*
108KS5P	1DIO	104-130	209	O	58KSP	B32/B0	*
108KS6N	1DIO	104-130	316	O	68KSN	B32/B0	*
108KS6P	1DIO	104-130	216	O	68KSP	B32/B0	*
108KS7N	1DIO	104-130	322	O	78KSN	B32/B0	*
108KS7P	1DIO	104-130	222	O	78KSP	B32/B0	*
108KS8N	1DIO	104-130	135	O	88KSN	B32/B0	*
108KS8P	1DIO	104-130	035	O	88KSP	B32/B0	*
108KS9N	1DIO	104-130	141	O	98KSN	B32/B0	*
108KS9P	1DIO	104-130	041	O	98KSP	B32/B0	*
108MH1CK	1TSI-SP	104-144	008	I	DLIO8M	B34/B1	
108MH1CK	104-153	104-153	002	IO		B34/B5	*
10ADLI1P	1TSI-SP	104-144	011	I	DLIOAN3	B34/B1	
10ADLI1P	104-153	104-153	008	IO		B34/B3	*
10ADLI1X	1TSI-SP	104-144	311	I	DLIOAN0	B34/B1	
10ADLI1X	104-153	104-153	011	IO		B34/B4	*
10ADLI1Y	1TSI-SP	104-144	211	I	DLIOAN1	B34/B1	
10ADLI1Y	104-153	104-153	010	IO		B34/B4	*
10ADLI1Z	1TSI-SP	104-144	111	I	DLIOAN2	B34/B1	
10ADLI1Z	104-153	104-153	009	IO		B34/B3	*
10BDLI1P	1TSI-SP	104-144	009	I	DLIOBN3	B34/B1	

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MODULE CONTROLLER AND TIME SLOT INTERCHANGER UNIT, MODEL 2			
		DWG SIZE C2	ISSUE 17B
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82 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
10BDLI1P	104-153		104-153	004	IO	B34/B4	*
10BDLI1X	1TSSI-SP		104-144	309	I DLI0BN0	B34/B1	
10BDLI1X	104-153		104-153	007	IO	B34/B4	*
10BDLI1Y	1TSSI-SP		104-144	209	I DLI0BN1	B34/B1	
10BDLI1Y	104-153		104-153	006	IO	B34/B4	*
10BDLI1Z	1TSSI-SP		104-144	109	I DLI0BN2	B34/B1	
10BDLI1Z	104-153		104-153	005	IO	B34/B4	*
10C10N	1C10		104-096	241	O C10N	B29/E0	*
10C10P	1C10		104-096	341	O C10P	B29/E0	*
10C11N	1C10		104-096	235	O C11N	B29/E0	*
10C11P	1C10		104-096	335	O C11P	B29/E0	*
10C12N	1C10		104-096	222	O C12N	B29/E0	*
10C12P	1C10		104-096	322	O C12P	B29/E0	*
10C13N	1C10		104-096	216	O C13N	B29/E0	*
10C13P	1C10		104-096	316	O C13P	B29/E0	*
10C14N	1C10		104-096	209	O C14N	B29/E0	*
10C14P	1C10		104-096	309	O C14P	B29/E0	*
10C15N	1C10		104-096	203	O C15N	B29/E0	*
10C15P	1C10		104-096	303	O C15P	B29/E0	*
10C16N	1C10		104-096	454	O C16N	B29/E0	*
10C16P	1C10		104-096	554	O C16P	B29/E0	*
10C17N	1C10		104-096	448	O C17N	B29/E0	*
10C17P	1C10		104-096	548	O C17P	B29/E0	*
10C18N	1C10		104-096	441	O C18N	B29/E0	*
10C18P	1C10		104-096	541	O C18P	B29/E0	*
10C19N	1C10		104-096	435	O C19N	B29/E0	*
10C19P	1C10		104-096	535	O C19P	B29/E0	*
10C1N	1C10		104-096	048	O C1N	B29/E0	
10C1N	1DSC		104-168	054	I C1N	B36/E0	*
10C1P	1C10		104-096	148	O C1P	B29/E0	
10C1P	1DSC		104-168	154	I C1P	B36/E0	*
10C20N	1C10		104-096	422	O C20N	B29/E0	*
10C20P	1C10		104-096	522	O C20P	B29/E0	*
10C21N	1C10		104-096	416	O C21N	B29/E0	*
10C21P	1C10		104-096	516	O C21P	B29/E0	*
10C22N	1C10		104-096	409	O C22N	B29/E0	*
10C22P	1C10		104-096	509	O C22P	B29/E0	*
10C2N	1C10		104-096	041	O C2N	B29/E0	*
10C2P	1C10		104-096	141	O C2P	B29/E0	*
10C3N	1C10		104-096	035	O C3N	B29/E0	*
10C3P	1C10		104-096	135	O C3P	B29/E0	*
10C4N	1C10		104-096	022	O C4N	B29/E0	*
10C4P	1C10		104-096	122	O C4P	B29/E0	*
10C5N	1C10		104-096	016	O C5N	B29/E0	*
10C5P	1C10		104-096	116	O C5P	B29/E0	*
10C6N	1C10		104-096	009	O C6N	B29/E0	*
10C6P	1C10		104-096	109	O C6P	B29/E0	*
10C7N	1C10		104-096	003	O C7N	B29/E0	*
10C7P	1C10		104-096	103	O C7P	B29/E0	*
10C8N	1C10		104-096	254	O C8N	B29/E0	*

83 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
10C8P	1C10		104-096	354	O C8P	B29/E0	*
10C9N	1C10		104-096	248	O C9N	B29/E0	*
10C9P	1C10		104-096	348	O C9P	B29/E0	*
10CPIDAT	104-050		104-050	423	O	B40/B4	*
10CPIDAT	104-054		104-054	023	O	B40/B5	*
10ID10N	1C10		104-096	243	I ID10N	B29/E0	*
10ID10P	1C10		104-096	343	I ID10P	B29/E0	*
10ID11N	1C10		104-096	237	I ID11N	B29/E0	*
10ID11P	1C10		104-096	337	I ID11P	B29/E0	*
10ID12N	1C10		104-096	224	I ID12N	B29/E0	*
10ID12P	1C10		104-096	324	I ID12P	B29/E0	*
10ID13N	1C10		104-096	218	I ID13N	B29/E0	*
10ID13P	1C10		104-096	318	I ID13P	B29/E0	*
10ID14N	1C10		104-096	211	I ID14N	B29/E0	*
10ID14P	1C10		104-096	311	I ID14P	B29/E0	*
10ID15N	1C10		104-096	205	I ID15N	B29/E0	*
10ID15P	1C10		104-096	305	I ID15P	B29/E0	*
10ID16N	1C10		104-096	456	I ID16N	B29/E0	*
10ID16P	1C10		104-096	556	I ID16P	B29/E0	*
10ID17N	1C10		104-096	450	I ID17N	B29/E0	*
10ID17P	1C10		104-096	550	I ID17P	B29/E0	*
10ID18N	1C10		104-096	443	I ID18N	B29/E0	*
10ID18P	1C10		104-096	543	I ID18P	B29/E0	*
10ID19N	1C10		104-096	437	I ID19N	B29/E0	*
10ID19P	1C10		104-096	537	I ID19P	B29/E0	*
10ID1N	1C10		104-096	050	I ID1N	B29/E0	
10ID1N	1DSC		104-168	056	O ID1N	B36/E0	*
10ID1P	1C10		104-096	150	I ID1P	B29/E0	
10ID1P	1DSC		104-168	156	O ID1P	B36/E0	*
10ID20N	1C10		104-096	424	I ID20N	B29/E0	*
10ID20P	1C10		104-096	524	I ID20P	B29/E0	*
10ID21N	1C10		104-096	418	I ID21N	B29/E0	*
10ID21P	1C10		104-096	518	I ID21P	B29/E0	*
10ID22N	1C10		104-096	411	I ID22N	B29/E0	*
10ID22P	1C10		104-096	511	I ID22P	B29/E0	*
10ID2N	1C10		104-096	043	I ID2N	B29/E0	*
10ID2P	1C10		104-096	143	I ID2P	B29/E0	*
10ID3N	1C10		104-096	037	I ID3N	B29/E0	*
10ID3P	1C10		104-096	137	I ID3P	B29/E0	*
10ID4N	1C10		104-096	024	I ID4N	B29/E0	*
10ID4P	1C10		104-096	124	I ID4P	B29/E0	*
10ID5N	1C10		104-096	018	I ID5N	B29/E0	*
10ID5P	1C10		104-096	118	I ID5P	B29/E0	*
10ID6N	1C10		104-096	011	I ID6N	B29/E0	*
10ID6P	1C10		104-096	111	I ID6P	B29/E0	*
10ID7N	1C10		104-096	005	I ID7N	B29/E0	*
10ID7P	1C10		104-096	105	I ID7P	B29/E0	*
10ID8N	1C10		104-096	256	I ID8N	B29/E0	*
10ID8P	1C10		104-096	356	I ID8P	B29/E0	*

84 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
10ID9N	1C10		104-096	250	I ID9N	B29/E0	*
10ID9P	1C10		104-096	350	I ID9P	B29/E0	*
10INT10P	1C10		104-096	339	I NINT10P	B29/E0	*
10INT11P	1C10		104-096	333	I NINT11P	B29/E0	*
10INT12P	1C10		104-096	320	I NINT12P	B29/E0	*
10INT13P	1C10		104-096	314	I NINT13P	B29/E0	*
10INT14P	1C10		104-096	307	I NINT14P	B29/E0	*
10INT15P	1C10		104-096	301	I NINT15P	B29/E0	*
10INT16P	1C10		104-096	552	I NINT16P	B29/E0	*
10INT17P	1C10		104-096	546	I NINT17P	B29/E0	*
10INT18P	1C10		104-096	539	I NINT18P	B29/E0	*
10INT19P	1C10		104-096	533	I NINT19P	B29/E0	*
10INT1P	1C10		104-096	146	I NINT1P	B29/E0	
10INT1P	1DSC		104-168	152	O NINT1P	B36/E0	*
10INT20P	1C10		104-096	520	I NINT20P	B29/E0	*
10INT21P	1C10		104-096	514	I NINT21P	B29/E0	*
10INT22P	1C10		104-096	507	I NINT22P	B29/E0	*
10INT2P	1C10		104-096	139	I NINT2P	B29/E0	*
10INT3P	1C10		104-096	133	I NINT3P	B29/E0	*
10INT4P	1C10		104-096	120	I NINT4P	B29/E0	*
10INT5P	1C10		104-096	114	I NINT5P	B29/E0	*
10INT6P	1C10		104-096	107	I NINT6P	B29/E0	*
10INT7P	1C10		104-096	101	I NINT7P	B29/E0	*
10INT8P	1C10		104-096	352	I NINT8P	B29/E0	*
10INT9P	1C10		104-096	346	I NINT9P	B29/E0	*
10MADO0	1MEM1		104-050	042	O MADOUT0	B25/E0	
10MADO0	1MEM2		104-058	040	I MADIN00	B25/E5	
10MADO1	1MEM1		104-050	142	O MADOUT1	B25/E0	
10MADO1	1MEM2		104-058	140	I MADIN01	B25/E5	
10MADO2	1MEM1		104-050	242	O MADOUT2	B25/E0	
10MADO2	1MEM2		104-058	240	I MADIN02	B25/E5	
10MADO3	1MEM1		104-050	342	O MADOUT3	B25/E0	
10MADO3	1MEM2		104-058	340	I MADIN03	B25/E5	
10MADO4	1MEM1		104-050	043	O MADOUT4	B25/E0	
10MADO4	1MEM2		104-058	041	I MADIN04	B25/E5	
10MADO5	1MEM1		104-050	143	O MADOUT5	B25/E0	
10MADO5	1MEM2		104-058	141	I MADIN05	B25/E5	
10MADO6	1MEM1		104-050	243	O MADOUT6	B25/E0	
10MADO6	1MEM2		104-058	241	I MADIN06	B25/E5	
10MADO7	1MEM1		104-050	343	O MADOUT7	B25/E0	
10MADO7	1MEM2		104-058	341	I MADIN07	B25/E5	
10MATE4M	104-153		104-153	013	IO	B35/G4	*
10MATE4M	1DLI		104-156	302	O 4MHZOUT	B35/E0	

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85 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
10MATBEN	104-153		104-153	046	IO	B35/B4	*
10MATBEN	1DLI		104-156	004	I MATBENIN	B35/E0	
10MCK8MH	104-153		104-153	003	IO	B35/B4	*
10MCK8MH	1DLI		104-156	102	I 8MHIN	B35/E0	
10OD10N	1CIO		104-096	242	O OD10N	B29/E0	*
10OD10P	1CIO		104-096	342	O OD10P	B29/E0	*
10OD11N	1CIO		104-096	236	O OD11N	B29/E0	*
10OD11P	1CIO		104-096	336	O OD11P	B29/E0	*
10OD12N	1CIO		104-096	223	O OD12N	B29/E0	*
10OD12P	1CIO		104-096	323	O OD12P	B29/E0	*
10OD13N	1CIO		104-096	217	O OD13N	B29/E0	*
10OD13P	1CIO		104-096	317	O OD13P	B29/E0	*
10OD14N	1CIO		104-096	210	O OD14N	B29/E0	*
10OD14P	1CIO		104-096	310	O OD14P	B29/E0	*
10OD15N	1CIO		104-096	204	O OD15N	B29/E0	*
10OD15P	1CIO		104-096	304	O OD15P	B29/E0	*
10OD16N	1CIO		104-096	455	O OD16N	B29/E0	*
10OD16P	1CIO		104-096	555	O OD16P	B29/E0	*
10OD17N	1CIO		104-096	449	O OD17N	B29/E0	*
10OD17P	1CIO		104-096	549	O OD17P	B29/E0	*
10OD18N	1CIO		104-096	442	O OD18N	B29/E0	*
10OD18P	1CIO		104-096	542	O OD18P	B29/E0	*
10OD19N	1CIO		104-096	436	O OD19N	B29/E0	*
10OD19P	1CIO		104-096	536	O OD19P	B29/E0	*
10OD1N	1CIO		104-096	049	O OD1N	B29/E0	
10OD1N	1DSC		104-168	055	O OD1N	B36/E0	*
10OD1P	1CIO		104-096	149	O OD1P	B29/E0	
10OD1P	1DSC		104-168	155	O OD1P	B36/E0	*
10OD20N	1CIO		104-096	423	O OD20N	B29/E0	*
10OD20P	1CIO		104-096	523	O OD20P	B29/E0	*
10OD21N	1CIO		104-096	417	O OD21N	B29/E0	*
10OD21P	1CIO		104-096	517	O OD21P	B29/E0	*
10OD22N	1CIO		104-096	410	O OD22N	B29/E0	*
10OD22P	1CIO		104-096	510	O OD22P	B29/E0	*
10OD2N	1CIO		104-096	042	O OD2N	B29/E0	*
10OD2P	1CIO		104-096	142	O OD2P	B29/E0	*
10OD3N	1CIO		104-096	036	O OD3N	B29/E0	*
10OD3P	1CIO		104-096	136	O OD3P	B29/E0	*
10OD4N	1CIO		104-096	023	O OD4N	B29/E0	*
10OD4P	1CIO		104-096	123	O OD4P	B29/E0	*
10OD5N	1CIO		104-096	017	O OD5N	B29/E0	*
10OD5P	1CIO		104-096	117	O OD5P	B29/E0	*
10OD6N	1CIO		104-096	010	O OD6N	B29/E0	*
10OD6P	1CIO		104-096	110	O OD6P	B29/E0	*
10OD7N	1CIO		104-096	004	O OD7N	B29/E0	*
10OD7P	1CIO		104-096	104	O OD7P	B29/E0	*
10OD8N	1CIO		104-096	255	O OD8N	B29/E0	*
10OD8P	1CIO		104-096	355	O OD8P	B29/E0	*
10OD9N	1CIO		104-096	249	O OD9N	B29/E0	*
10OD9P	1CIO		104-096	349	O OD9P	B29/E0	*

86 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
10PBI0N	1DIO		104-130	102	I 0PBIN	B32/E0	*
10PBI0P	1DIO		104-130	002	I 0PBIP	B32/E0	*
10PBI10N	1DIO		104-130	147	I 10PBIN	B32/E0	*
10PBI10P	1DIO		104-130	047	I 10PBIP	B32/E0	*
10PBI11N	1DIO		104-130	153	I 11PBIN	B32/E0	*
10PBI11P	1DIO		104-130	053	I 11PBIP	B32/E0	*
10PBI12N	1DIO		104-130	334	I 12PBIN	B32/E0	*
10PBI12P	1DIO		104-130	234	I 12PBIP	B32/E0	*
10PBI13N	1DIO		104-130	340	I 13PBIN	B32/E0	*
10PBI13P	1DIO		104-130	240	I 13PBIP	B32/E0	*
10PBI14N	1DIO		104-130	347	I 14PBIN	B32/E0	*
10PBI14P	1DIO		104-130	247	I 14PBIP	B32/E0	*
10PBI15N	1DIO		104-130	353	I 15PBIN	B32/E0	*
10PBI15P	1DIO		104-130	253	I 15PBIP	B32/E0	*
10PBI1N	1DIO		104-130	108	I 1PBIN	B32/E0	*
10PBI1NL	1DSC		104-168	303	O PBI0N	B36/E0	
10PBI1NL	104-173		104-173	034	IO	B36/F3	*
10PBI1P	1DIO		104-130	008	I 1PBIP	B32/E0	*
10PBI1PL	1DSC		104-168	203	O PBI0P	B36/E0	
10PBI1PL	104-172		104-172	034	IO	B36/F3	*
10PBI2N	1DIO		104-130	115	I 2PBIN	B32/E0	*
10PBI2P	1DIO		104-130	015	I 2PBIP	B32/E0	*
10PBI3N	1DIO		104-130	121	I 3PBIN	B32/E0	*
10PBI3P	1DIO		104-130	021	I 3PBIP	B32/E0	*
10PBI4N	1DIO		104-130	302	I 4PBIN	B32/E0	*
10PBI4P	1DIO		104-130	202	I 4PBIP	B32/E0	*
10PBI5N	1DIO		104-130	308	I 5PBIN	B32/E0	*
10PBI5P	1DIO		104-130	208	I 5PBIP	B32/E0	*
10PBI6N	1DIO		104-130	315	I 6PBIN	B32/E0	*
10PBI6P	1DIO		104-130	215	I 6PBIP	B32/E0	*
10PBI7N	1DIO		104-130	321	I 7PBIN	B32/E0	*
10PBI7P	1DIO		104-130	221	I 7PBIP	B32/E0	*
10PBI8N	1DIO		104-130	134	I 8PBIN	B32/E0	*
10PBI8P	1DIO		104-130	034	I 8PBIP	B32/E0	*
10PBI9N	1DIO		104-130	140	I 9PBIN	B32/E0	*
10PBI9P	1DIO		104-130	040	I 9PBIP	B32/E0	*
10PBO0N	1DIO		104-130	101	O 0PBON	B32/E0	*
10PBO0P	1DIO		104-130	001	O 0PBOP	B32/E0	*
10PBO10N	1DIO		104-130	146	O 10PBON	B32/E0	*
10PBO10P	1DIO		104-130	046	O 10PBOP	B32/E0	*
10PBO11N	1DIO		104-130	152	O 11PBON	B32/E0	*
10PBO11P	1DIO		104-130	052	O 11PBOP	B32/E0	*
10PBO12N	1DIO		104-130	333	O 12PBON	B32/E0	*
10PBO12P	1DIO		104-130	233	O 12PBOP	B32/E0	*
10PBO13N	1DIO		104-130	339	O 13PBON	B32/E0	*
10PBO13P	1DIO		104-130	239	O 13PBOP	B32/E0	*
10PBO14N	1DIO		104-130	346	O 14PBON	B32/E0	*
10PBO14P	1DIO		104-130	246	O 14PBOP	B32/E0	*
10PBO15N	1DIO		104-130	352	O 15PBON	B32/E0	*

87 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
10PBO15P	1DIO		104-130	252	O 15PBOP	B32/E0	*
10PBO1N	1DIO		104-130	107	O 1PBON	B32/E0	*
10PBO1NL	1DSC		104-168	302	IO PBOON	B36/E0	
10PBO1NL	104-173		104-173	033	IO	B36/F3	*
10PBO1P	1DIO		104-130	007	O 1PBOP	B32/E0	*
10PBO1PL	1DSC		104-168	202	IO PBOOP	B36/E0	
10PBO1PL	104-172		104-172	033	IO	B36/F3	*
10PBO2N	1DIO		104-130	114	O 2PBON	B32/E0	*
10PBO2P	1DIO		104-130	014	O 2PBOP	B32/E0	*
10PBO3N	1DIO		104-130	120	O 3PBON	B32/E0	*
10PBO3P	1DIO		104-130	020	O 3PBOP	B32/E0	*
10PBO4N	1DIO		104-130	301	O 4PBON	B32/E0	*
10PBO4P	1DIO		104-130	201	O 4PBOP	B32/E0	*
10PBO5N	1DIO		104-130	307	O 5PBON	B32/E0	*
10PBO5P	1DIO		104-130	207	O 5PBOP	B32/E0	*
10PBO6N	1DIO		104-130	314	O 6PBON	B32/E0	*
10PBO6P	1DIO		104-130	214	O 6PBOP	B32/E0	*
10PBO7N	1DIO		104-130	320	O 7PBON	B32/E0	*
10PBO7P	1DIO		104-130	220	O 7PBOP	B32/E0	*
10PBO8N	1DIO		104-130	133	O 8PBON	B32/E0	*
10PBO8P	1DIO		104-130	033	O 8PBOP	B32/E0	*
10PBO9N	1DIO		104-130	139	O 9PBON	B32/E0	*
10PBO9P	1DIO		104-130	039	O 9PBOP	B32/E0	*
10PBRDAN	1PI		104-112	141	I 0PBRDAN	B31/E0	*
10PBRDAP	1PI		104-112	041	I 0PBRDAP	B31/E0	*
10PBT DAN	1PI		104-112	143	O 0PBT DAN	B31/E0	*
10PBT DAP	1PI		104-112	043	O 0PBT DAP	B31/E0	*
10PBTDBN	1PI		104-112	142	O 0PBTDBN	B31/E0	*
10PBTDBP	1PI		104-112	042	O 0PBTDBP	B31/E0	*
10PCTSON	1PI		104-112	136	IO 0PBCTSON	B31/E0	*
10PCTSOP	1PI		104-112	036	IO 0PBCTSOP	B31/E0	*
10PRTSON	1PI		104-112	137	IO 0PBRTSON	B31/E0	*
10PRTSOP	1PI		104-112	037	IO 0PBRTSOP	B31/E0	*
10PRXC1N	1PI		104-112	139	I 0PBRXCIN	B31/E0	*
10PRXC1N	1PI		104-112	140	IO 0PBRXC1N	B31/E0	*
10PRXC1P	1PI		104-112	039	I 0PBRXCIP	B31/E0	*
10PRXC1P	1PI		104-112	040	IO 0PBRXC1P	B31/E0	*
10PRXDON	1PI		104-112	138	IO 0PBRXDON	B31/E0	*
10PRXDOP	1PI		104-112	038	IO 0PBRXDOP	B31/E0	*
10PTXCON	1PI		104-112	135	IO 0PBTXCON	B31/E0	*

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MODULE CONTROLLER AND TIME SLOT INTERCHANGER UNIT, MODEL 2	DWG SIZE	ISSUE
	C2	17B
AT&T	SD-5D151-01	
	SHEET	A36

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88	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
10PTXCOP	1PI		104-112	035	IO 0PBTXCOP	B31/E0	*
10PTXD1N	1PI		104-112	134	IO 0PB DATAN	B31/E0	*
10PTXD1P	1PI		104-112	034	IO 0PB DATAP	B31/E0	*
10S10N	1CIO		104-096	240	O S10N	B29/E0	*
10S10P	1CIO		104-096	340	O S10P	B29/E0	*
10S11N	1CIO		104-096	234	O S11N	B29/E0	*
10S11P	1CIO		104-096	334	O S11P	B29/E0	*
10S12N	1CIO		104-096	221	O S12N	B29/E0	*
10S12P	1CIO		104-096	321	O S12P	B29/E0	*
10S13N	1CIO		104-096	215	O S13N	B29/E0	*
10S13P	1CIO		104-096	315	O S13P	B29/E0	*
10S14N	1CIO		104-096	208	O S14N	B29/E0	*
10S14P	1CIO		104-096	308	O S14P	B29/E0	*
10S15N	1CIO		104-096	202	O S15N	B29/E0	*
10S15P	1CIO		104-096	302	O S15P	B29/E0	*
10S16N	1CIO		104-096	453	O S16N	B29/E0	*
10S16P	1CIO		104-096	553	O S16P	B29/E0	*
10S17N	1CIO		104-096	447	O S17N	B29/E0	*
10S17P	1CIO		104-096	547	O S17P	B29/E0	*
10S18N	1CIO		104-096	440	O S18N	B29/E0	*
10S18P	1CIO		104-096	540	O S18P	B29/E0	*
10S19N	1CIO		104-096	434	O S19N	B29/E0	*
10S19P	1CIO		104-096	534	O S19P	B29/E0	*
10S1N	1CIO		104-096	047	O S1N	B29/E0	
10S1N	1DSC		104-168	053	I S1N	B36/E0	*
10S1P	1CIO		104-096	147	O S1P	B29/E0	
10S1P	1DSC		104-168	153	I S1P	B36/E0	*
10S20N	1CIO		104-096	421	O S20N	B29/E0	*
10S20P	1CIO		104-096	521	O S20P	B29/E0	*
10S21N	1CIO		104-096	415	O S21N	B29/E0	*
10S21P	1CIO		104-096	515	O S21P	B29/E0	*
10S22N	1CIO		104-096	408	O S22N	B29/E0	*
10S22P	1CIO		104-096	508	O S22P	B29/E0	*
10S2N	1CIO		104-096	040	O S2N	B29/E0	*
10S2P	1CIO		104-096	140	O S2P	B29/E0	*
10S3N	1CIO		104-096	034	O S3N	B29/E0	*
10S3P	1CIO		104-096	134	O S3P	B29/E0	*
10S4N	1CIO		104-096	021	O S4N	B29/E0	*
10S4P	1CIO		104-096	121	O S4P	B29/E0	*
10S5N	1CIO		104-096	015	O S5N	B29/E0	*
10S5P	1CIO		104-096	115	O S5P	B29/E0	*
10S6N	1CIO		104-096	008	O S6N	B29/E0	*
10S6P	1CIO		104-096	108	O S6P	B29/E0	*
10S7N	1CIO		104-096	002	O S7N	B29/E0	*
10S7P	1CIO		104-096	102	O S7P	B29/E0	*
10S8N	1CIO		104-096	253	O S8N	B29/E0	*
10S8P	1CIO		104-096	353	O S8P	B29/E0	*
10S9N	1CIO		104-096	247	O S9N	B29/E0	*
10S9P	1CIO		104-096	347	O S9P	B29/E0	*

89	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
10SY8KH1	1TSI-SF		104-144	308	I DLI08K	B34/E1	
10SY8KH1	104-153		104-153	001	IO	B34/B5	*
10TSCPI	004-033		004-033	018	IO	B14/B4	*
10TSCPI	0DLI		004-156	216	I BTCP1	B14/E0	
10TSIA1P	104-152		104-152	008	IO	B35/B1	*
10TSIA1P	1DLI		104-156	017	I ATPTSIO	B35/E0	
10TSIA1X	104-152		104-152	011	IO	B35/B1	*
10TSIA1X	1DLI		104-156	020	I ATXTSIO	B35/E0	
10TSIA1Y	104-152		104-152	010	IO	B35/B1	*
10TSIA1Y	1DLI		104-156	019	I ATYTSIO	B35/E0	
10TSIA1Z	104-152		104-152	009	IO	B35/B1	*
10TSIA1Z	1DLI		104-156	018	I ATZTSIO	B35/E0	
10TSIB1P	104-152		104-152	004	IO	B35/B2	*
10TSIB1P	1DLI		104-156	013	I BTPTSIO	B35/E0	
10TSIB1X	104-152		104-152	007	IO	B35/B2	*
10TSIB1X	1DLI		104-156	016	I BTXTSIO	B35/E0	
10TSIB1Y	104-152		104-152	006	IO	B35/B2	*
10TSIB1Y	1DLI		104-156	015	I BTYTSIO	B35/E0	
10TSIB1Z	104-152		104-152	005	IO	B35/B2	*
10TSIB1Z	1DLI		104-156	014	I BTZTSIO	B35/E0	
110ACPI	1CS1		104-026	043	I 0ACPI	B22/E1	*
110ACPI	104-152		104-152	056	IO	B22/B3	*
110ADLIR	1APPL1		104-088	042	I 0ADLIRC	B28/E1	
110ADLIR	104-152		104-152	038	IO	B28/B3	*
110ADLIT	1APPL1		104-088	043	O 0ADLITR	B28/E1	
110ADLIT	104-152		104-152	043	IO	B28/F1	*
110APAR	1APPL1		104-088	142	I 0APAR	B28/E1	
110APAR	104-153		104-153	038	IO	B28/B3	*
110APART	1APPL1		104-088	143	O 0APARTR	B28/E1	
110APART	104-153		104-153	043	IO	B28/F2	*
110BCPI	1CS1		104-026	143	I 0BCPI	B22/E1	
110BCPI	104-153		104-153	056	IO	B22/B6	*
110BDLIR	1APPL1		104-088	040	I 0BDLIRC	B28/E1	
110BDLIR	104-152		104-152	036	IO	B28/B3	*
110BDLIT	1APPL1		104-088	041	O 0BDLITR	B28/E1	
110BDLIT	104-152		104-152	041	IO	B28/F2	*
110BPAR	1APPL1		104-088	140	I 0BPAR	B28/E1	
110BPAR	104-153		104-153	036	IO	B28/B3	*
110BPART	1APPL1		104-088	141	O 0BPARTR	B28/E1	
110BPART	104-153		104-153	041	IO	B28/F2	*
110CON	1CIO		104-096	054	O CON	B29/E0	
110CON	104-172		104-172	054	IO	B29/F0	*
110COP	1CIO		104-096	154	O COP	B29/E0	
110COP	104-173		104-173	054	IO	B29/F0	*
110DLIGO	1APPL1		104-088	547	O DLI0GO	B28/E1	
110DLIGO	104-153		104-153	034	IO	B28/F3	*
110DLIIN	1APPL1		104-088	446	I DLI0IN	B28/E1	
110DLIIN	104-152		104-152	033	IO	B28/B4	*
110DLIW	1CS1		104-026	039	I DLI0W	B22/E1	
110DLIW	104-152		104-152	052	IO	B22/B7	*
110DLIX	1CS1		104-026	138	I 0DLIX	B22/E1	
110DLIX	104-033		104-033	051	IO	B22/B6	*
110DLIY	1CS1		104-026	140	I 0DLIY	B22/E1	
110DLIY	104-153		104-153	053	IO	B22/B6	*
110IDON	1CIO		104-096	056	I IDON	B29/E0	
110IDON	104-172		104-172	056	IO	B29/B0	*
110IDOP	1CIO		104-096	156	I IDOP	B29/E0	
110IDOP	104-173		104-173	056	IO	B29/B2	*
110INTOP	1CIO		104-096	152	I NINTOP	B29/E0	
110INTOP	104-173		104-173	052	IO	B29/B6	*
110LIACT	1APPL1		104-088	447	O DLI0ACT	B28/E1	
110LIACT	104-152		104-152	034	IO	B28/F3	*
110LIC48	1CS1		104-026	139	I 0DLIC48	B22/E1	
110LIC48	1APPL1		104-088	144	I 0DLIC48	B28/E1	

90	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
110LIC48	104-152		104-152	002	IO	B22/B6	*
110LICK8	1CS1		104-026	040	I 0DLICK8	B22/E1	
110LICK8	1CS2		104-034	344	I 0DLICK8	B23/E0	
110LICK8	1APPL1		104-088	044	I 0DLICK8	B28/E1	
110LICK8	104-152		104-152	001	IO	B22/B3	*
110LICKL	1APPL1		104-088	545	O DLI0CLK	B28/E1	
110LICKL	104-153		104-153	032	IO	B28/F3	*
110LIDGN	1CS1		104-026	042	O 0DLIDGN	B22/E1	
110LIDGN	104-152		104-152	055	IO	B22/F4	*
110LIERR	1CS2		104-034	548	I 0DLIERR	B23/E0	
110LIERR	1APPL1		104-088	448	IO NC	B28/E1	
110LIERR	104-152		104-152	035	IO	B28/F1	*
110LIOOS	1CS1		104-026	141	O 0DLIOOS	B22/E1	
110LIOOS	104-153		104-153	054	IO	B22/F4	*
110LIOUT	1APPL1		104-088	546	O DLI0OUT	B28/E1	
110LIOUT	104-153		104-153	033	IO	B28/F3	*
110LIRQP	1CS1		104-026	041	O 0DLIRQP	B22/E1	
110LIRQP	104-152		104-152	054	IO	B22/F4	*
110ODON	1CIO		104-096	055	O 0DON	B29/E0	
110ODON	104-172		104-172	055	IO	B29/F1	*
110ODOP	1CIO		104-096	155	O 0DOP	B29/E0	
110ODOP	104-173		104-173	055	IO	B29/F2	*
110SON	1CIO		104-096	053	O SON	B29/E0	
110SON	104-172		104-172	053	IO	B29/F4	*
110SOP	1CIO		104-096	153	O SOP	B29/E0	
110SOP	104-173		104-173	053	IO	B29/F6	*
110SYN6M	104-152		104-152	016	IO	B35/G2	*
110SYN6M	1DLI		104-156	007	O 0SYN6MS	B35/E0	
111ACPI	1CS1		104-026	243	I 1ACPI	B22/E1	*
111ACPI	1DLI		104-156	238	O ACPIMP1	B35/E0	
111ADLIR	1APPL1		104-088	242	I 1ADLIRC	B28/E1	
111ADLIR	1DLI		104-156	156	O ARMTDMP1	B35/E0	
111ADLIT	1APPL1		104-088	243	O 1ADLITR	B28/E1	
111ADLIT	1DLI		104-156	154	I ATMTDMP1	B35/E0	
111APAR	1APPL1		104-088	342	I 1APAR	B28/E1	
111APAR	1DLI		104-156	155	O ARMTMPMP1	B35/E0	
111APART	1APPL1		104-088	343	O 1APARTR	B28/E1	
111APART	1DLI		104-156	153	I ATMTMPMP1	B35/E0	
111BCPI	1CS1		104-026	343	I 1BCPI	B22/E1	
111BCPI	1DLI		104-156	237	O BCPIMP1	B35/E0	
111BDLIR	1APPL1		104-088	240	I 1BDLIRC	B28/E1	
111BDLIR	1DLI		104-156	136	O BRMTDMP1	B35/E0	
111BDLIT	1APPL1		104-088	241	O 1BDLITR	B28/E1	
111BDLIT	1DLI		104-156	134	I BTMTDMP1	B35/E0	
111BPAR	1APPL1		104-088	340	I 1BPAR	B28/E1	
111BPAR	1DLI		104-156	135	O BRMTMPMP1	B35/E0	
111BPART	1APPL1		104-088	341	O 1BPARTR	B28/E1	
111BPART	1DLI		104-156	133	I BTMTMPMP1	B35/E0	
111DLIGO	1APPL1		104-088	551	O DLI1GO	B28/E1	
111DLIGO	1DLI		104-156	145	I 1MPGO	B35/E0	
111DLIIN	1APPL1		104-088	450	I DLI1IN	B28/E1	

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MODULE CONTROLLER AND TIME SLOT INTERCHANGER UNIT, MODEL 2			
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91 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
111DLIIN	1DLI		104-156	148	O	1MPOUT	B35/E0
111DLIW	1CS1		104-026	239	I	DL11W	B22/E1
111DLIW	1DLI		104-156	319	O	SCW1	B35/E0
111DLIX	1CS1		104-026	338	I	1DLIX	B22/E1
111DLIX	1DLI		104-156	344	O	SCX1	B35/E0
111DLIY	1CS1		104-026	340	I	1DLIY	B22/E1
111DLIY	1DLI		104-156	233	O	SCY1	B35/E0
111LIACT	1APPL1		104-088	451	O	DL1IACT	B28/E1
111LIACT	1DLI		104-156	144	I	1MPACT	B35/E0
111LIC48	1CS1		104-026	339	I	1DLIC48	B22/E1
111LIC48	1APPL1		104-088	344	I	1DLIC48	B28/E1
111LIC48	1DLI		104-156	047	O	MTSCRMP1	B35/E0
111LICK8	1CS1		104-026	240	I	1DLICK8	B22/E1
111LICK8	1CS2		104-034	244	I	1DLICK8	B23/E0
111LICK8	1APPL1		104-088	244	I	1DLICK8	B28/E1
111LICK8	1DLI		104-156	046	O	CPICKMP1	B35/E0
111LICLK	1APPL1		104-088	549	O	DL1ICLK	B28/E1
111LICLK	1DLI		104-156	143	I	1MPCK	B35/E0
111LIDGN	1CS1		104-026	242	O	1DLIDGN	B22/E1
111LIDGN	1DLI		104-156	239	I	DGN1	B35/E0
111LIERR	1CS2		104-034	552	I	1DLIERR	B23/E0
111LIERR	1APPL1		104-088	452	IO	NC	B28/E1
111LIERR	1DLI		104-156	147	O	1MPINT	B35/E0
111LIOOS	1CS1		104-026	341	O	1DLIOOS	B22/E1
111LIOOS	1DLI		104-156	317	I	00S1	B35/E0
111LIOUT	1APPL1		104-088	550	O	DL1IOUT	B28/E1
111LIOUT	1DLI		104-156	146	I	1MPDATA	B35/E0
111LIRQP	1CS1		104-026	241	O	1DLIRQP	B22/E1
111LIRQP	1DLI		104-156	355	I	RQIP1	B35/E0
111SYN6M	1TSI-SP		104-144	015	I	DL116M	B34/E1
111SYN6M	1DLI		104-156	107	O	1SYN6MS	B35/E0
114MC0N	1DI1		104-138	104	O	04MCN	B33/E0 *
114MC0NL	1TSI-SP		104-144	154	O	DSUACN	B34/E1
114MC0NL	104-173		104-173	043	IO		B34/G6 *
114MC0P	1DI1		104-138	004	O	04MCP	B33/E0 *
114MC0PL	1TSI-SP		104-144	054	O	DSUACP	B34/E1
114MC0PL	104-172		104-172	043	IO		B34/G6 *
114MC10N	1DI1		104-138	149	O	104MCN	B33/E0 *
114MC10P	1DI1		104-138	049	O	104MCP	B33/E0 *
114MC11N	1DI1		104-138	155	O	114MCN	B33/E0 *
114MC11P	1DI1		104-138	055	O	114MCP	B33/E0 *
114MC12N	1DI1		104-138	336	O	124MCN	B33/E0 *
114MC12P	1DI1		104-138	236	O	124MCP	B33/E0 *
114MC13N	1DI1		104-138	342	O	134MCN	B33/E0 *
114MC13P	1DI1		104-138	242	O	134MCP	B33/E0 *
114MC14N	1DI1		104-138	349	O	144MCN	B33/E0 *
114MC14P	1DI1		104-138	249	O	144MCP	B33/E0 *
114MC15N	1APPL1		104-088	348	I	PIDBCKN	B28/E1
114MC15N	1DI1		104-138	355	O	154MCN	B33/E0
114MC15P	1APPL1		104-088	248	I	PIDBCKP	B28/E1
114MC15P	1DI1		104-138	255	O	154MCP	B33/E0
114MC1N	1DI1		104-138	110	O	14MCN	B33/E0 *
114MC1NL	1TSI-SP		104-144	148	O	DSUBCN	B34/E1
114MC1NL	1DSC		104-168	105	IO	4MC1N	B36/E0
114MC1P	1DI1		104-138	010	O	14MCP	B33/E0 *
114MC1PL	1TSI-SP		104-144	048	O	DSUBCP	B34/E1
114MC1PL	1DSC		104-168	005	IO	4MC1P	B36/E0
114MC2N	1DI1		104-138	117	O	24MCN	B33/E0 *
114MC2P	1DI1		104-138	017	O	24MCP	B33/E0 *

92 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
114MC3N	1DI1		104-138	123	O	34MCN	B33/E0 *
114MC3P	1DI1		104-138	023	O	34MCP	B33/E0 *
114MC4N	1DI1		104-138	304	O	44MCN	B33/E0 *
114MC4P	1DI1		104-138	204	O	44MCP	B33/E0 *
114MC5N	1DI1		104-138	310	O	54MCN	B33/E0 *
114MC5P	1DI1		104-138	210	O	54MCP	B33/E0 *
114MC6N	1DI1		104-138	317	O	64MCN	B33/E0 *
114MC6P	1DI1		104-138	217	O	64MCP	B33/E0 *
114MC7N	1DI1		104-138	323	O	74MCN	B33/E0 *
114MC7P	1DI1		104-138	223	O	74MCP	B33/E0 *
114MC8N	1DI1		104-138	136	O	84MCN	B33/E0 *
114MC8P	1DI1		104-138	036	O	84MCP	B33/E0 *
114MC9N	1DI1		104-138	142	O	94MCN	B33/E0 *
114MC9P	1DI1		104-138	042	O	94MCP	B33/E0 *
118KS0N	1DI1		104-138	103	O	08KSN	B33/E0 *
118KS0NL	1TSI-SP		104-144	153	O	DSUASN	B34/E1
118KS0NL	104-173		104-173	041	IO		B34/G6 *
118KS0P	1DI1		104-138	003	O	08KSP	B33/E0 *
118KS0PL	1TSI-SP		104-144	053	O	DSUASP	B34/E1
118KS0PL	104-172		104-172	041	IO		B34/G6 *
118KS10N	1DI1		104-138	148	O	108KSN	B33/E0 *
118KS10P	1DI1		104-138	048	O	108KSP	B33/E0 *
118KS11N	1DI1		104-138	154	O	118KSN	B33/E0 *
118KS11P	1DI1		104-138	054	O	118KSP	B33/E0 *
118KS12N	1DI1		104-138	335	O	128KSN	B33/E0 *
118KS12P	1DI1		104-138	235	O	128KSP	B33/E0 *
118KS13N	1DI1		104-138	341	O	138KSN	B33/E0 *
118KS13P	1DI1		104-138	241	O	138KSP	B33/E0 *
118KS14N	1DI1		104-138	348	O	148KSN	B33/E0 *
118KS14P	1DI1		104-138	248	O	148KSP	B33/E0 *
118KS15N	1APPL1		104-088	347	I	PIDB8KN	B28/E1
118KS15N	1DI1		104-138	354	O	158KSN	B33/E0
118KS15P	1APPL1		104-088	247	I	PIDB8KP	B28/E1
118KS15P	1DI1		104-138	254	O	158KSP	B33/E0
118KS1N	1DI1		104-138	109	O	18KSN	B33/E0 *
118KS1NL	1TSI-SP		104-144	147	O	DSUBSN	B34/E1
118KS1NL	1DSC		104-168	104	IO	8KS1N	B36/E0
118KS1P	1DI1		104-138	009	O	18KSP	B33/E0 *
118KS1PL	1TSI-SP		104-144	047	O	DSUBSP	B34/E1
118KS1PL	1DSC		104-168	004	IO	8KS1P	B36/E0
118KS2N	1DI1		104-138	116	O	28KSN	B33/E0 *
118KS2P	1DI1		104-138	016	O	28KSP	B33/E0 *
118KS3N	1DI1		104-138	122	O	38KSN	B33/E0 *
118KS3P	1DI1		104-138	022	O	38KSP	B33/E0 *
118KS4N	1DI1		104-138	303	O	48KSN	B33/E0 *
118KS4P	1DI1		104-138	203	O	48KSP	B33/E0 *
118KS5N	1DI1		104-138	309	O	58KSN	B33/E0 *
118KS5P	1DI1		104-138	209	O	58KSP	B33/E0 *
118KS6N	1DI1		104-138	316	O	68KSN	B33/E0 *
118KS6P	1DI1		104-138	216	O	68KSP	B33/E0 *
118KS7N	1DI1		104-138	322	O	78KSN	B33/E0 *

93 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
118KS7P	1DI1		104-138	222	O	78KSP	B33/E0 *
118KS8N	1DI1		104-138	135	O	88KSN	B33/E0 *
118KS8P	1DI1		104-138	035	O	88KSP	B33/E0 *
118KS9N	1DI1		104-138	141	O	98KSN	B33/E0 *
118KS9P	1DI1		104-138	041	O	98KSP	B33/E0 *
118MH0CK	104-153		104-153	015	IO		B35/G2 *
118MH0CK	1DLI		104-156	005	O	0CK8MHZN	B35/E0
118MH1CK	1TSI-SP		104-144	108	I	DL118M	B34/E1
118MH1CK	1DLI		104-156	105	O	1CK8MHZN	B35/E0
11ADLI0P	104-152		104-152	017	IO		B35/G0 *
11ADLI0P	1DLI		104-156	021	O	ARPTS10	B35/E0
11ADLI0X	104-152		104-152	020	IO		B35/G0 *
11ADLI0X	1DLI		104-156	024	O	ARXTS10	B35/E0
11ADLI0Y	104-152		104-152	019	IO		B35/G0 *
11ADLI0Y	1DLI		104-156	023	O	ARYTS10	B35/E0
11ADLI0Z	104-152		104-152	018	IO		B35/G0 *
11ADLI0Z	1DLI		104-156	022	O	ARZTS10	B35/E0
11BDLI0P	104-152		104-152	021	IO		B35/G1 *
11BDLI0P	1DLI		104-156	008	O	BRPTS10	B35/E0
11BDLI0X	104-152		104-152	024	IO		B35/G1 *
11BDLI0X	1DLI		104-156	011	O	BRXTS10	B35/E0
11BDLI0Y	104-152		104-152	023	IO		B35/G1 *
11BDLI0Y	1DLI		104-156	010	O	BRYTS10	B35/E0
11BDLI0Z	104-152		104-152	022	IO		B35/G1 *
11BDLI0Z	1DLI		104-156	009	O	BRZTS10	B35/E0
11C0N	1CI1		104-104	054	O	C0N	B30/E0 *
11C0P	1CI1		104-104	154	O	C0P	B30/E0 *
11C10N	1CI1		104-104	241	O	C10N	B30/E0 *
11C10P	1CI1		104-104	341	O	C10P	B30/E0 *
11C11N	1CI1		104-104	235	O	C11N	B30/E0 *
11C11P	1CI1		104-104	335	O	C11P	B30/E0 *
11C12N	1CI1		104-104	222	O	C12N	B30/E0 *
11C12P	1CI1		104-104	322	O	C12P	B30/E0 *
11C13N	1CI1		104-104	216	O	C13N	B30/E0 *
11C13P	1CI1		104-104	316	O	C13P	B30/E0 *
11C14N	1CI1		104-104	209	O	C14N	B30/E0 *
11C14P	1CI1		104-104	309	O	C14P	B30/E0 *
11C15N	1CI1		104-104	203	O	C15N	B30/E0 *
11C15P	1CI1		104-104	303	O	C15P	B30/E0 *
11C16N	1CI1		104-104	454	O	C16N	B30/E0 *
11C16P	1CI1		104-104	554	O	C16P	B30/E0 *
11C17N	1CI1		104-104	448	O	C17N	B30/E0 *
11C17P	1CI1		104-104	548	O	C17P	B30/E0 *

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LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
11C18N	1CI1	104-104	441	O	C18N	B30/E0	*
11C18P	1CI1	104-104	541	O	C18P	B30/E0	*
11C19N	1CI1	104-104	435	O	C19N	B30/E0	*
11C19P	1CI1	104-104	535	O	C19P	B30/E0	*
11C1N	1CI1	104-104	048	O	C1N	B30/E0	*
11C1P	1CI1	104-104	148	O	C1P	B30/E0	*
11C20N	1CI1	104-104	422	O	C20N	B30/E0	*
11C20P	1CI1	104-104	522	O	C20P	B30/E0	*
11C21N	1CI1	104-104	416	O	C21N	B30/E0	*
11C21P	1CI1	104-104	516	O	C21P	B30/E0	*
11C22N	1CI1	104-104	409	O	C22N	B30/E0	*
11C22P	1CI1	104-104	509	O	C22P	B30/E0	*
11C2N	1CI1	104-104	041	O	C2N	B30/E0	*
11C2P	1CI1	104-104	141	O	C2P	B30/E0	*
11C3N	1CI1	104-104	035	O	C3N	B30/E0	*
11C3P	1CI1	104-104	135	O	C3P	B30/E0	*
11C4N	1CI1	104-104	022	O	C4N	B30/E0	*
11C4P	1CI1	104-104	122	O	C4P	B30/E0	*
11C5N	1CI1	104-104	016	O	C5N	B30/E0	*
11C5P	1CI1	104-104	116	O	C5P	B30/E0	*
11C6N	1CI1	104-104	009	O	C6N	B30/E0	*
11C6P	1CI1	104-104	109	O	C6P	B30/E0	*
11C7N	1CI1	104-104	003	O	C7N	B30/E0	*
11C7P	1CI1	104-104	103	O	C7P	B30/E0	*
11C8N	1CI1	104-104	254	O	C8N	B30/E0	*
11C8P	1CI1	104-104	354	O	C8P	B30/E0	*
11C9N	1CI1	104-104	248	O	C9N	B30/E0	*
11C9P	1CI1	104-104	348	O	C9P	B30/E0	*
11CPIDAT	104-050	104-050	522	O		B40/C4	*
11CPIDAT	104-055	104-055	022	O		B40/C5	*
11DSC-48	102-176	102-176	013	P		B38/B9	*
11DSC-48	EP10	102-176	3	P	PWR3	B38/C9	
11DSC-48	1DSC	104-168	000	P	-48VLONG	B36/E0	
11DSC-48	1DSC	104-168	100	P	-48V	B36/E0	
11DSC-48	1DSC	104-168	200	P	-48V	B36/E0	
11DSC-48	1DSC	104-168	300	P	-48V	B36/E0	
11DSCRTN	102-176	102-176	009	G		B38/D9	*
11DSCRTN	EP10	102-176	4	P	PWR4	B38/C9	
11DSCRTN	1DSC	104-168	001	G	-48RTN	B36/E0	
11DSCRTN	1DSC	104-168	101	G	-48RTN	B36/E0	
11DSCRTN	1DSC	104-168	201	G	-48RTN	B36/E0	
11DSCRTN	1DSC	104-168	301	G	-48RTN	B36/E0	
11ID0N	1CI1	104-104	056	I	ID0N	B30/E0	*
11ID0P	1CI1	104-104	156	I	ID0P	B30/E0	*
11ID10N	1CI1	104-104	243	I	ID10N	B30/E0	*
11ID10P	1CI1	104-104	343	I	ID10P	B30/E0	*
11ID11N	1CI1	104-104	237	I	ID11N	B30/E0	*
11ID11P	1CI1	104-104	337	I	ID11P	B30/E0	*
11ID12N	1CI1	104-104	224	I	ID12N	B30/E0	*
11ID12P	1CI1	104-104	324	I	ID12P	B30/E0	*
11ID13N	1CI1	104-104	218	I	ID13N	B30/E0	*
11ID13P	1CI1	104-104	318	I	ID13P	B30/E0	*
11ID14N	1CI1	104-104	211	I	ID14N	B30/E0	*

95 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
11ID14P	1CI1	104-104	311	I	ID14P	B30/E0	*
11ID15N	1CI1	104-104	205	I	ID15N	B30/E0	*
11ID15P	1CI1	104-104	305	I	ID15P	B30/E0	*
11ID16N	1CI1	104-104	456	I	ID16N	B30/E0	*
11ID16P	1CI1	104-104	556	I	ID16P	B30/E0	*
11ID17N	1CI1	104-104	450	I	ID17N	B30/E0	*
11ID17P	1CI1	104-104	550	I	ID17P	B30/E0	*
11ID18N	1CI1	104-104	443	I	ID18N	B30/E0	*
11ID18P	1CI1	104-104	543	I	ID18P	B30/E0	*
11ID19N	1CI1	104-104	437	I	ID19N	B30/E0	*
11ID19P	1CI1	104-104	537	I	ID19P	B30/E0	*
11ID1N	1CI1	104-104	050	I	ID1N	B30/E0	*
11ID1P	1CI1	104-104	150	I	ID1P	B30/E0	*
11ID20N	1CI1	104-104	424	I	ID20N	B30/E0	*
11ID20P	1CI1	104-104	524	I	ID20P	B30/E0	*
11ID21N	1CI1	104-104	418	I	ID21N	B30/E0	*
11ID21P	1CI1	104-104	518	I	ID21P	B30/E0	*
11ID22N	1CI1	104-104	411	I	ID22N	B30/E0	*
11ID22P	1CI1	104-104	511	I	ID22P	B30/E0	*
11ID2N	1CI1	104-104	043	I	ID2N	B30/E0	*
11ID2P	1CI1	104-104	143	I	ID2P	B30/E0	*
11ID3N	1CI1	104-104	037	I	ID3N	B30/E0	*
11ID3P	1CI1	104-104	137	I	ID3P	B30/E0	*
11ID4N	1CI1	104-104	024	I	ID4N	B30/E0	*
11ID4P	1CI1	104-104	124	I	ID4P	B30/E0	*
11ID5N	1CI1	104-104	018	I	ID5N	B30/E0	*
11ID5P	1CI1	104-104	118	I	ID5P	B30/E0	*
11ID6N	1CI1	104-104	011	I	ID6N	B30/E0	*
11ID6P	1CI1	104-104	111	I	ID6P	B30/E0	*
11ID7N	1CI1	104-104	005	I	ID7N	B30/E0	*
11ID7P	1CI1	104-104	105	I	ID7P	B30/E0	*
11ID8N	1CI1	104-104	256	I	ID8N	B30/E0	*
11ID8P	1CI1	104-104	356	I	ID8P	B30/E0	*
11ID9N	1CI1	104-104	250	I	ID9N	B30/E0	*
11ID9P	1CI1	104-104	350	I	ID9P	B30/E0	*
11INT0P	1CI1	104-104	152	I	NINT0P	B30/E0	*
11INT10P	1CI1	104-104	339	I	NINT10P	B30/E0	*
11INT11P	1CI1	104-104	333	I	NINT11P	B30/E0	*
11INT12P	1CI1	104-104	320	I	NINT12P	B30/E0	*
11INT13P	1CI1	104-104	314	I	NINT13P	B30/E0	*
11INT14P	1CI1	104-104	307	I	NINT14P	B30/E0	*
11INT15P	1CI1	104-104	301	I	NINT15P	B30/E0	*
11INT16P	1CI1	104-104	552	I	NINT16P	B30/E0	*
11INT17P	1CI1	104-104	546	I	NINT17P	B30/E0	*
11INT18P	1CI1	104-104	539	I	NINT18P	B30/E0	*
11INT19P	1CI1	104-104	533	I	NINT19P	B30/E0	*
11INT1P	1CI1	104-104	146	I	NINT1P	B30/E0	*
11INT20P	1CI1	104-104	520	I	NINT20P	B30/E0	*

96 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
11INT21P	1CI1	104-104	514	I	NINT21P	B30/E0	*
11INT22P	1CI1	104-104	507	I	NINT22P	B30/E0	*
11INT2P	1CI1	104-104	139	I	NINT2P	B30/E0	*
11INT3P	1CI1	104-104	133	I	NINT3P	B30/E0	*
11INT4P	1CI1	104-104	120	I	NINT4P	B30/E0	*
11INT5P	1CI1	104-104	114	I	NINT5P	B30/E0	*
11INT6P	1CI1	104-104	107	I	NINT6P	B30/E0	*
11INT7P	1CI1	104-104	101	I	NINT7P	B30/E0	*
11INT8P	1CI1	104-104	352	I	NINT8P	B30/E0	*
11INT9P	1CI1	104-104	346	I	NINT9P	B30/E0	*
11LPRN	1DSC	104-168	117	O	LPRN	B36/E0	
11LPRN	1DSC	104-168	217	I	VFP0EN	B36/E0	
11MADO0	1MEM2	104-058	042	O	MADOUT0	B25/E5	
11MADO0	1MEM3	104-064	040	I	MADIN00	B26/E0	
11MADO1	1MEM2	104-058	142	O	MADOUT1	B25/E5	
11MADO1	1MEM3	104-064	140	I	MADIN01	B26/E0	
11MADO2	1MEM2	104-058	242	O	MADOUT2	B25/E5	
11MADO2	1MEM3	104-064	240	I	MADIN02	B26/E0	
11MADO3	1MEM2	104-058	342	O	MADOUT3	B25/E5	
11MADO3	1MEM3	104-064	340	I	MADIN03	B26/E0	
11MADO4	1MEM2	104-058	043	O	MADOUT4	B25/E5	
11MADO4	1MEM3	104-064	041	I	MADIN04	B26/E0	
11MADO5	1MEM2	104-058	143	O	MADOUT5	B25/E5	
11MADO5	1MEM3	104-064	141	I	MADIN05	B26/E0	
11MADO6	1MEM2	104-058	243	O	MADOUT6	B25/E5	
11MADO6	1MEM3	104-064	241	I	MADIN06	B26/E0	
11MADO7	1MEM2	104-058	343	O	MADOUT7	B25/E5	
11MADO7	1MEM3	104-064	341	I	MADIN07	B26/E0	
11MATE4M	104-153	104-153	000	IO		B35/B4	*
11MATE4M	1DLI	104-156	203	I	4MHIN	B35/E0	
11MATEEN	104-153	104-153	045	IO		B35/G3	*
11MATEEN	1DLI	104-156	104	O	MATENOUT	B35/E0	
11MCK8MH	104-153	104-153	016	IO		B35/G3	*
11MCK8MH	1DLI	104-156	310	O	MCK8MHZN	B35/E0	
11OD0N	1CI1	104-104	055	O	OD0N	B30/E0	*
11OD0P	1CI1	104-104	155	O	OD0P	B30/E0	*
11OD10N	1CI1	104-104	242	O	OD10N	B30/E0	*
11OD10P	1CI1	104-104	342	O	OD10P	B30/E0	*
11OD11N	1CI1	104-104	236	O	OD11N	B30/E0	*
11OD11P	1CI1	104-104	336	O	OD11P	B30/E0	*
11OD12N	1CI1	104-104	223	O	OD12N	B30/E0	*
11OD12P	1CI1	104-104	323	O	OD12P	B30/E0	*
11OD13N	1CI1	104-104	217	O	OD13N	B30/E0	*
11OD13P	1CI1	104-104	317	O	OD13P	B30/E0	*

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97 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
11OD14N	1CI1		104-104	210	O	OD14N	B30/E0 *
11OD14P	1CI1		104-104	310	O	OD14P	B30/E0 *
11OD15N	1CI1		104-104	204	O	OD15N	B30/E0 *
11OD15P	1CI1		104-104	304	O	OD15P	B30/E0 *
11OD16N	1CI1		104-104	455	O	OD16N	B30/E0 *
11OD16P	1CI1		104-104	555	O	OD16P	B30/E0 *
11OD17N	1CI1		104-104	449	O	OD17N	B30/E0 *
11OD17P	1CI1		104-104	549	O	OD17P	B30/E0 *
11OD18N	1CI1		104-104	442	O	OD18N	B30/E0 *
11OD18P	1CI1		104-104	542	O	OD18P	B30/E0 *
11OD19N	1CI1		104-104	436	O	OD19N	B30/E0 *
11OD19P	1CI1		104-104	536	O	OD19P	B30/E0 *
11OD1N	1CI1		104-104	049	O	OD1N	B30/E0 *
11OD1P	1CI1		104-104	149	O	OD1P	B30/E0 *
11OD20N	1CI1		104-104	423	O	OD20N	B30/E0 *
11OD20P	1CI1		104-104	523	O	OD20P	B30/E0 *
11OD21N	1CI1		104-104	417	O	OD21N	B30/E0 *
11OD21P	1CI1		104-104	517	O	OD21P	B30/E0 *
11OD22N	1CI1		104-104	410	O	OD22N	B30/E0 *
11OD22P	1CI1		104-104	510	O	OD22P	B30/E0 *
11OD2N	1CI1		104-104	042	O	OD2N	B30/E0 *
11OD2P	1CI1		104-104	142	O	OD2P	B30/E0 *
11OD3N	1CI1		104-104	036	O	OD3N	B30/E0 *
11OD3P	1CI1		104-104	136	O	OD3P	B30/E0 *
11OD4N	1CI1		104-104	023	O	OD4N	B30/E0 *
11OD4P	1CI1		104-104	123	O	OD4P	B30/E0 *
11OD5N	1CI1		104-104	017	O	OD5N	B30/E0 *
11OD5P	1CI1		104-104	117	O	OD5P	B30/E0 *
11OD6N	1CI1		104-104	010	O	OD6N	B30/E0 *
11OD6P	1CI1		104-104	110	O	OD6P	B30/E0 *
11OD7N	1CI1		104-104	004	O	OD7N	B30/E0 *
11OD7P	1CI1		104-104	104	O	OD7P	B30/E0 *
11OD8N	1CI1		104-104	255	O	OD8N	B30/E0 *
11OD8P	1CI1		104-104	355	O	OD8P	B30/E0 *
11OD9N	1CI1		104-104	249	O	OD9N	B30/E0 *
11OD9P	1CI1		104-104	349	O	OD9P	B30/E0 *
11PBI0N	1DI1		104-138	102	I	0PBIN	B33/E0 *
11PBIONL	1TSI-SP		104-144	152	I	DSUAIN	B34/E1
11PBIONL	104-173		104-173	040	IO		B34/B5 *
11PBI0P	1DI1		104-138	002	I	0PBIP	B33/E0 *
11PBI0PL	1TSI-SP		104-144	052	I	DSUAIP	B34/E1
11PBI0PL	104-172		104-172	040	IO		B34/B5 *
11PBI10N	1DI1		104-138	147	I	10PBIN	B33/E0 *
11PBI10P	1DI1		104-138	047	I	10PBIP	B33/E0 *
11PBI11N	1DI1		104-138	153	I	11PBIN	B33/E0 *
11PBI11P	1DI1		104-138	053	I	11PBIP	B33/E0 *
11PBI12N	1DI1		104-138	334	I	12PBIN	B33/E0 *
11PBI12P	1DI1		104-138	234	I	12PBIP	B33/E0 *
11PBI13N	1DI1		104-138	340	I	13PBIN	B33/E0 *

98 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
11PBI13P	1DI1		104-138	240	I	13PBIP	B33/E0 *
11PBI14N	1DI1		104-138	347	I	14PBIN	B33/E0 *
11PBI14P	1DI1		104-138	247	I	14PBIP	B33/E0 *
11PBI15N	1APPL1		104-088	345	O	FIDBON	B28/E1
11PBI15N	1DI1		104-138	353	I	15PBIN	B33/E0
11PBI15P	1APPL1		104-088	245	O	FIDBOP	B28/E1
11PBI15P	1DI1		104-138	253	I	15PBIP	B33/E0
11PBI1N	1DI1		104-138	108	I	1PBIN	B33/E0 *
11PBI1NL	1TSI-SP		104-144	146	I	DSUBIN	B34/E1
11PBI1NL	1DSC		104-168	103	O	PBIN	B36/E0
11PBI1P	1DI1		104-138	008	I	1PBIP	B33/E0 *
11PBI1PL	1TSI-SP		104-144	046	I	DSUBIP	B34/E1
11PBI1PL	1DSC		104-168	003	O	PBIP	B36/E0
11PBI2N	1DI1		104-138	115	I	2PBIN	B33/E0 *
11PBI2P	1DI1		104-138	015	I	2PBIP	B33/E0 *
11PBI3N	1DI1		104-138	121	I	3PBIN	B33/E0 *
11PBI3P	1DI1		104-138	021	I	3PBIP	B33/E0 *
11PBI4N	1DI1		104-138	302	I	4PBIN	B33/E0 *
11PBI4P	1DI1		104-138	202	I	4PBIP	B33/E0 *
11PBI5N	1DI1		104-138	308	I	5PBIN	B33/E0 *
11PBI5P	1DI1		104-138	208	I	5PBIP	B33/E0 *
11PBI6N	1DI1		104-138	315	I	6PBIN	B33/E0 *
11PBI6P	1DI1		104-138	215	I	6PBIP	B33/E0 *
11PBI7N	1DI1		104-138	321	I	7PBIN	B33/E0 *
11PBI7P	1DI1		104-138	221	I	7PBIP	B33/E0 *
11PBI8N	1DI1		104-138	134	I	8PBIN	B33/E0 *
11PBI8P	1DI1		104-138	034	I	8PBIP	B33/E0 *
11PBI9N	1DI1		104-138	140	I	9PBIN	B33/E0 *
11PBI9P	1DI1		104-138	040	I	9PBIP	B33/E0 *
11PBO0N	1DI1		104-138	101	O	0PBON	B33/E0 *
11PBO0NL	1TSI-SP		104-144	151	O	DSUAON	B34/E1
11PBO0NL	104-173		104-173	039	IO		B34/G6 *
11PBO0P	1DI1		104-138	001	O	0PBOP	B33/E0 *
11PBO0PL	1TSI-SP		104-144	051	O	DSUAOP	B34/E1
11PBO0PL	104-172		104-172	039	IO		B34/G6 *
11PBO10N	1DI1		104-138	146	O	10PBON	B33/E0 *
11PBO10P	1DI1		104-138	046	O	10PBOP	B33/E0 *
11PBO11N	1DI1		104-138	152	O	11PBON	B33/E0 *
11PBO11P	1DI1		104-138	052	O	11PBOP	B33/E0 *
11PBO12N	1DI1		104-138	333	O	12PBON	B33/E0 *
11PBO12P	1DI1		104-138	233	O	12PBOP	B33/E0 *
11PBO13N	1DI1		104-138	339	O	13PBON	B33/E0 *
11PBO13P	1DI1		104-138	239	O	13PBOP	B33/E0 *
11PBO14N	1DI1		104-138	346	O	14PBON	B33/E0 *
11PBO14P	1DI1		104-138	246	O	14PBOP	B33/E0 *
11PBO15N	1APPL1		104-088	346	I	FIDBIN	B28/E1
11PBO15N	1DI1		104-138	352	O	15PBON	B33/E0
11PBO15P	1APPL1		104-088	246	I	FIDBIP	B28/E1
11PBO15P	1DI1		104-138	252	O	15PBOP	B33/E0
11PBO1N	1DI1		104-138	107	O	1PBON	B33/E0 *
11PBO1NL	1TSI-SP		104-144	145	O	DSUBON	B34/E1
11PBO1NL	1DSC		104-168	102	IO	PBON	B36/E0

99 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
11PBO1P	1DI1		104-138	007	O	1PBOP	B33/E0 *
11PBO1PL	1TSI-SP		104-144	045	O	DSUBOP	B34/E1
11PBO1PL	1DSC		104-168	002	IO	PBOIP	B36/E0
11PBO2N	1DI1		104-138	114	O	2PBON	B33/E0 *
11PBO2P	1DI1		104-138	014	O	2PBOP	B33/E0 *
11PBO3N	1DI1		104-138	120	O	3PBON	B33/E0 *
11PBO3P	1DI1		104-138	020	O	3PBOP	B33/E0 *
11PBO4N	1DI1		104-138	301	O	4PBON	B33/E0 *
11PBO4P	1DI1		104-138	201	O	4PBOP	B33/E0 *
11PBO5N	1DI1		104-138	307	O	5PBON	B33/E0 *
11PBO5P	1DI1		104-138	207	O	5PBOP	B33/E0 *
11PBO6N	1DI1		104-138	314	O	6PBON	B33/E0 *
11PBO6P	1DI1		104-138	214	O	6PBOP	B33/E0 *
11PBO7N	1DI1		104-138	320	O	7PBON	B33/E0 *
11PBO7P	1DI1		104-138	220	O	7PBOP	B33/E0 *
11PBO8N	1DI1		104-138	133	O	8PBON	B33/E0 *
11PBO8P	1DI1		104-138	033	O	8PBOP	B33/E0 *
11PBO9N	1DI1		104-138	139	O	9PBON	B33/E0 *
11PBO9P	1DI1		104-138	039	O	9PBOP	B33/E0 *
11PBRDAN	1PI		104-112	154	I	1PBRDAN	B31/E0 *
11PBRDAP	1PI		104-112	054	I	1PBRDAP	B31/E0 *
11PBT DAN	1PI		104-112	156	O	1PBT DAN	B31/E0 *
11PBT DAP	1PI		104-112	056	O	1PBT DAP	B31/E0 *
11PBTDBN	1PI		104-112	155	O	1PBTDBN	B31/E0 *
11PBTDBP	1PI		104-112	055	O	1PBTDBP	B31/E0 *
11PCTS0N	1PI		104-112	149	IO	1PBCTS0N	B31/E0 *
11PCTS0P	1PI		104-112	049	IO	1PBCTS0P	B31/E0 *
11PRTS0N	1PI		104-112	150	IO	1PBRTS0N	B31/E0 *
11PRTS0P	1PI		104-112	050	IO	1PBRTS0P	B31/E0 *
11PRXC1N	1PI		104-112	152	IO	1PBRXCIP	B31/E0 *
11PRXC1N	1PI		104-112	153	IO	1PBRXC1N	B31/E0 *
11PRXC1P	1PI		104-112	052	IO	1PBRXCIP	B31/E0 *
11PRXC1P	1PI		104-112	053	IO	1PBRXC1P	B31/E0 *
11PRXD0N	1PI		104-112	151	IO	1PBRXD0N	B31/E0 *
11PRXD0P	1PI		104-112	051	IO	1PBRXD0P	B31/E0 *
11PTXC0N	1PI		104-112	148	IO	1PBTXC0N	B31/E0 *
11PTXC0P	1PI		104-112	048	IO	1PBTXC0P	B31/E0 *
11PTXD1N	1PI		104-112	147	IO	1PB DATAN	B31/E0 *
11PTXD1P	1PI		104-112	047	IO	1PB DATAP	B31/E0 *

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LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
11S0N	1CI1	104-104	053	O	S0N	B30/E0	*
11S0P	1CI1	104-104	153	O	S0P	B30/E0	*
11S10N	1CI1	104-104	240	O	S10N	B30/E0	*
11S10P	1CI1	104-104	340	O	S10P	B30/E0	*
11S11N	1CI1	104-104	234	O	S11N	B30/E0	*
11S11P	1CI1	104-104	334	O	S11P	B30/E0	*
11S12N	1CI1	104-104	221	O	S12N	B30/E0	*
11S12P	1CI1	104-104	321	O	S12P	B30/E0	*
11S13N	1CI1	104-104	215	O	S13N	B30/E0	*
11S13P	1CI1	104-104	315	O	S13P	B30/E0	*
11S14N	1CI1	104-104	208	O	S14N	B30/E0	*
11S14P	1CI1	104-104	308	O	S14P	B30/E0	*
11S15N	1CI1	104-104	202	O	S15N	B30/E0	*
11S15P	1CI1	104-104	302	O	S15P	B30/E0	*
11S16N	1CI1	104-104	453	O	S16N	B30/E0	*
11S16P	1CI1	104-104	553	O	S16P	B30/E0	*
11S17N	1CI1	104-104	447	O	S17N	B30/E0	*
11S17P	1CI1	104-104	547	O	S17P	B30/E0	*
11S18N	1CI1	104-104	440	O	S18N	B30/E0	*
11S18P	1CI1	104-104	540	O	S18P	B30/E0	*
11S19N	1CI1	104-104	434	O	S19N	B30/E0	*
11S19P	1CI1	104-104	534	O	S19P	B30/E0	*
11S1N	1CI1	104-104	047	O	S1N	B30/E0	*
11S1P	1CI1	104-104	147	O	S1P	B30/E0	*
11S20N	1CI1	104-104	421	O	S20N	B30/E0	*
11S20P	1CI1	104-104	521	O	S20P	B30/E0	*
11S21N	1CI1	104-104	415	O	S21N	B30/E0	*
11S21P	1CI1	104-104	515	O	S21P	B30/E0	*
11S22N	1CI1	104-104	408	O	S22N	B30/E0	*
11S22P	1CI1	104-104	508	O	S22P	B30/E0	*
11S2N	1CI1	104-104	040	O	S2N	B30/E0	*
11S2P	1CI1	104-104	140	O	S2P	B30/E0	*
11S3N	1CI1	104-104	034	O	S3N	B30/E0	*
11S3P	1CI1	104-104	134	O	S3P	B30/E0	*
11S4N	1CI1	104-104	021	O	S4N	B30/E0	*
11S4P	1CI1	104-104	121	O	S4P	B30/E0	*
11S5N	1CI1	104-104	015	O	S5N	B30/E0	*
11S5P	1CI1	104-104	115	O	S5P	B30/E0	*
11S6N	1CI1	104-104	008	O	S6N	B30/E0	*
11S6P	1CI1	104-104	108	O	S6P	B30/E0	*
11S7N	1CI1	104-104	002	O	S7N	B30/E0	*
11S7P	1CI1	104-104	102	O	S7P	B30/E0	*
11S8N	1CI1	104-104	253	O	S8N	B30/E0	*
11S8P	1CI1	104-104	353	O	S8P	B30/E0	*
11S9N	1CI1	104-104	247	O	S9N	B30/E0	*
11S9P	1CI1	104-104	347	O	S9P	B30/E0	*
11SY8KH0	104-153	104-153	014	IO		B35/G2	*
11SY8KH0	1DLI	104-156	304	O	0SYN8KH	B35/E0	
11SY8KH1	1TSI-SP	104-144	115	I	DLI18K	B34/E1	

101 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
11SY8KH1	1DLI	104-156	305	O	1SYN8KH	B35/E0	
11TSCPI	104-033	104-033	019	IO		B35/B4	*
11TSCPI	1DLI	104-156	217	I	ATCPI	B35/E0	
11TSIA0P	1TSI-SP	104-144	013	O	DLIOAN3O	B34/E1	
11TSIA0P	104-153	104-153	021	IO		B34/G5	*
11TSIA0X	1TSI-SP	104-144	313	O	DLIOAN0O	B34/E1	
11TSIA0X	104-153	104-153	024	IO		B34/G5	*
11TSIA0Y	1TSI-SP	104-144	213	O	DLIOAN1O	B34/E1	
11TSIA0Y	104-153	104-153	023	IO		B34/G5	*
11TSIA0Z	1TSI-SP	104-144	113	O	DLIOAN2O	B34/E1	
11TSIA0Z	104-153	104-153	022	IO		B34/G5	*
11TSIA1P	1TSI-SP	104-144	005	O	DLI1AN3O	B34/E1	
11TSIA1P	1DLI	104-156	117	I	ATPTS11	B35/E0	
11TSIA1X	1TSI-SP	104-144	305	O	DLI1AN0O	B34/E1	
11TSIA1X	1DLI	104-156	120	I	ATXTS11	B35/E0	
11TSIA1Y	1TSI-SP	104-144	205	O	DLI1AN1O	B34/E1	
11TSIA1Y	1DLI	104-156	119	I	ATYTS11	B35/E0	
11TSIA1Z	1TSI-SP	104-144	105	O	DLI1AN2O	B34/E1	
11TSIA1Z	1DLI	104-156	118	I	ATZTS11	B35/E0	
11TSIB0P	1TSI-SP	104-144	010	O	DLIOBN3O	B34/E1	
11TSIB0P	104-153	104-153	017	IO		B34/G5	*
11TSIB0X	1TSI-SP	104-144	310	O	DLIOBN0O	B34/E1	
11TSIB0X	104-153	104-153	020	IO		B34/G5	*
11TSIB0Y	1TSI-SP	104-144	210	O	DLIOBN1O	B34/E1	
11TSIB0Y	104-153	104-153	019	IO		B34/G5	*
11TSIB0Z	1TSI-SP	104-144	110	O	DLIOBN2O	B34/E1	
11TSIB0Z	104-153	104-153	018	IO		B34/G5	*
11TSIB1P	1TSI-SP	104-144	003	O	DLI1BN3O	B34/E1	
11TSIB1P	1DLI	104-156	113	I	BTPTS11	B35/E0	
11TSIB1X	1TSI-SP	104-144	303	O	DLI1BN0O	B34/E1	
11TSIB1X	1DLI	104-156	116	I	BTXTS11	B35/E0	
11TSIB1Y	1TSI-SP	104-144	203	O	DLI1BN1O	B34/E1	
11TSIB1Y	1DLI	104-156	115	I	BTYTS11	B35/E0	
11TSIB1Z	1TSI-SP	104-144	103	O	DLI1BN2O	B34/E1	
11TSIB1Z	1DLI	104-156	114	I	BTZTS11	B35/E0	
12MADO0	1MEM3	104-064	042	O	MADOUT0	B26/E0	
12MADO0	1MEM4	104-070	040	I	MADIN00	B26/E5	
12MADO1	1MEM3	104-064	142	O	MADOUT1	B26/E0	
12MADO1	1MEM4	104-070	140	I	MADIN01	B26/E5	
12MADO2	1MEM3	104-064	242	O	MADOUT2	B26/E0	
12MADO2	1MEM4	104-070	240	I	MADIN02	B26/E5	
12MADO3	1MEM3	104-064	342	O	MADOUT3	B26/E0	
12MADO3	1MEM4	104-070	340	I	MADIN03	B26/E5	
12MADO4	1MEM3	104-064	043	O	MADOUT4	B26/E0	
12MADO4	1MEM4	104-070	041	I	MADIN04	B26/E5	
12MADO5	1MEM3	104-064	143	O	MADOUT5	B26/E0	
12MADO5	1MEM4	104-070	141	I	MADIN05	B26/E5	
12MADO6	1MEM3	104-064	243	O	MADOUT6	B26/E0	
12MADO6	1MEM4	104-070	241	I	MADIN06	B26/E5	
12MADO7	1MEM3	104-064	343	O	MADOUT7	B26/E0	
12MADO7	1MEM4	104-070	341	I	MADIN07	B26/E5	
12PBRDAN	1PI	104-112	309	I	2PBRDAN	B31/E0	*
12PBRDAP	1PI	104-112	209	I	2PBRDAP	B31/E0	*
12PBTDAN	1PI	104-112	311	O	2PBTDAN	B31/E0	*
12PBTDAP	1PI	104-112	211	O	2PBTDAP	B31/E0	*
12PBTD BN	1PI	104-112	310	O	2PBTD BN	B31/E0	*
12PBTD BP	1PI	104-112	210	O	2PBTD BP	B31/E0	*
12PCTS0N	1PI	104-112	304	I	2PBCTSON	B31/E0	*
12PCTS0P	1PI	104-112	204	I	2PBCTSOP	B31/E0	*
12PDATAN	1PI	104-112	302	O	SYSRES0	B31/E0	*

102 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
12PDATAP	1PI	104-112	202	IO	2PB DATAP	B31/E0	*
12PRTSON	1PI	104-112	305	O	2PBRTSON	B31/E0	*
12PRTSOP	1PI	104-112	205	O	2PBRTSOP	B31/E0	*
12PRXCIN	1PI	104-112	308	I	2PBRXCIN	B31/E0	*
12PRXCIP	1PI	104-112	208	I	2PBRXCIP	B31/E0	*
12PRXDON	1PI	104-112	306	I	2PBRXDON	B31/E0	*
12PRXDOP	1PI	104-112	206	I	2PBRXDOP	B31/E0	*
12PTXCON	1PI	104-112	303	O	2PB TXCON	B31/E0	*
12PTXCOP	1PI	104-112	203	O	2PB TXCOP	B31/E0	*
13ADDPER	1CS1	104-026	532	I	APERCS2	B22/E1	
13ADDPER	1CS2	104-034	133	O	3ADDPER	B23/E0	
13DSC-48	102-176	102-176	005	P		B38/B8	*
13DSC-48	EP10	102-176	2	P	FWR2	B38/C9	*
13DSC-48	104-178	104-178	000	P		B38/B9	*
13DSC-48	104-178	104-178	100	P		B38/B9	*
13DSC-48	104-178	104-178	200	P		B38/B9	*
13DSC-48	104-178	104-178	300	P		B38/B9	*
13DSCRTN	EP10	102-176	1	P	FWR1	B38/C9	*
13DSCRTN	104-178	104-178	001	G		B38/D9	*
13DSCRTN	104-178	104-178	101	G		B38/D9	*
13DSCRTN	104-178	104-178	201	G		B38/D9	*
13DSCRTN	104-178	104-178	301	G		B38/D9	*
13LPRN	104-178	104-178	117	IO		B39/C8	*
13LPRN	104-178	104-178	217	IO		B39/C8	*
13MADO0	1MEM4	104-070	042	O	MADOUT0	B26/E5	
13MADO0	1MEM5	104-076	040	I	MADIN00	B27/E0	
13MADO1	1MEM4	104-070	142	O	MADOUT1	B26/E5	
13MADO1	1MEM5	104-076	140	I	MADIN01	B27/E0	
13MADO2	1MEM4	104-070	242	O	MADOUT2	B26/E5	
13MADO2	1MEM5	104-076	240	I	MADIN02	B27/E0	
13MADO3	1MEM4	104-070	342	O	MADOUT3	B26/E5	
13MADO3	1MEM5	104-076	340	I	MADIN03	B27/E0	
13MADO4	1MEM4	104-070	043	O	MADOUT4	B26/E5	
13MADO4	1MEM5	104-076	041	I	MADIN04	B27/E0	
13MADO5	1MEM4	104-070	143	O	MADOUT5	B26/E5	
13MADO5	1MEM5	104-076	141	I	MADIN05	B27/E0	
13MADO6	1MEM4	104-070	243	O	MADOUT6	B26/E5	
13MADO6	1MEM5	104-076	241	I	MADIN06	B27/E0	
13MADO7	1MEM4	104-070	343	O	MADOUT7	B26/E5	
13MADO7	1MEM5	104-076	341	I	MADIN07	B27/E0	
13PBRDAN	1PI	104-112	122	IO	A191/S6	B31/E0	*
13PBRDAP	1PI	104-112	022	O	RDA0	B31/E0	*
13PBTDAN	1PI	104-112	124	O	3PBTDAN	B31/E0	*
13PBTDAP	1PI	104-112	024	O	3PBTDAP	B31/E0	*
13PBTD BN	1PI	104-112	123	O	3PBTD BN	B31/E0	*
13PBTD BP	1PI	104-112	023	O	3PBTD BP	B31/E0	*
13PCTSON	1PI	104-112	117	IO	BFAD141	B31/E0	*

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MODULE CONTROLLER AND TIME SLOT INTERCHANGER UNIT, MODEL 2	DWG SIZE	ISSUE
	C2	17B
AT&T	SD-5D151-01	
		SHEET A41

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LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
13PCTS0P	1PI	104-112	017	IO DT/R	B31/E0	*	
13PDATAN	1PI	104-112	115	IO BFAD121	B31/E0	*	
13PDATAP	1PI	104-112	015	IO 3PB DATAP	B31/E0	*	
13PRTS0N	1PI	104-112	118	IO BFAD151	B31/E0	*	
13PRTS0P	1PI	104-112	018	O OALB1	B31/E0	*	
13PRXC1N	1PI	104-112	121	IO A181/S5	B31/E0	*	
13PRXC1P	1PI	104-112	021	O WRAO	B31/E0	*	
13PRXD0N	1PI	104-112	119	IO A161/S3	B31/E0	*	
13PRXD0P	1PI	104-112	019	I 3PBRXDOP	B31/E0	*	
13PTXC0N	1PI	104-112	116	IO BFAD131	B31/E0	*	
13PTXC0P	1PI	104-112	016	O PBHE0	B31/E0	*	
14MAD00	1MEM5	104-076	042	O MADOUT0	B27/E0		
14MAD00	1MEM6	104-082	040	I MADIN00	B27/E5		
14MAD01	1MEM5	104-076	142	O MADOUT1	B27/E0		
14MAD01	1MEM6	104-082	140	I MADIN01	B27/E5		
14MAD02	1MEM5	104-076	242	O MADOUT2	B27/E0		
14MAD02	1MEM6	104-082	240	I MADIN02	B27/E5		
14MAD03	1MEM5	104-076	342	O MADOUT3	B27/E0		
14MAD03	1MEM6	104-082	340	I MADIN03	B27/E5		
14MAD04	1MEM5	104-076	043	O MADOUT4	B27/E0		
14MAD04	1MEM6	104-082	041	I MADIN04	B27/E5		
14MAD05	1MEM5	104-076	143	O MADOUT5	B27/E0		
14MAD05	1MEM6	104-082	141	I MADIN05	B27/E5		
14MAD06	1MEM5	104-076	243	O MADOUT6	B27/E0		
14MAD06	1MEM6	104-082	241	I MADIN06	B27/E5		
14MAD07	1MEM5	104-076	343	O MADOUT7	B27/E0		
14MAD07	1MEM6	104-082	341	I MADIN07	B27/E5		
1A-48	1DLI	104-156	249	P -48	B35/E0		
1A-48	1AFIBOPT	106-156R	249	P A-48	B37/E2		
1A-48	1OPTA	106-156R	249	P A-48	B37/E3		
1A-48	1OPTRCVA	107-156R	249	P A-48	B37/E0		
1ABORT	1CS1	104-026	052	O SABORT	B22/E1		
1ABORT	1CORE	104-042	138	I ABORT	B24/E0		
1ACOND5	1DLI	104-156	354	O ACOND5	B35/E0		
1ACOND5	1AFIBOPT	106-156R	354	IO ACOND5	B37/E2		
1ACOND5	1OPTA	106-156R	354	IO ACOND5	B37/E3		
1ACOND5	1OPTRCVA	107-156R	354	IO ACOND5	B37/E0		
1ADLI1P	1TSI-SP	104-144	004	I DL11AN3	B34/E1		
1ADLI1P	1DLI	104-156	121	O ARPTS11	B35/E0		
1ADLI1X	1TSI-SP	104-144	304	I DL11AN0	B34/E1		
1ADLI1X	1DLI	104-156	124	O ARXTS11	B35/E0		
1ADLI1Y	1TSI-SP	104-144	204	I DL11AN1	B34/E1		
1ADLI1Y	1DLI	104-156	123	O ARYTS11	B35/E0		
1ADLI1Z	1TSI-SP	104-144	104	I DL11AN2	B34/E1		
1ADLI1Z	1DLI	104-156	122	O ARZTS11	B35/E0		
1ADSELGD	104-050	104-050	500	G	B40/C4	*	
1ADSELGD	104-055	104-055	000	P	B40/C5	*	
1AFFCLR	1CS1	104-026	254	O AFFCLR	B22/E1		
1AFFCLR	1CS2	104-034	454	I AFFCLR	B23/E0		
1ALM	1PWRCONV	104-012	014	IO ALM	B22/E0		
1ALM	1CS1	104-026	402	I ALM	B22/E1		
1ALM	1CS1	104-026	507	I ALM	B22/E1		
1ALM	104-033	104-033	004	IO	B22/G0	*	
1ALWST	1CS1	104-026	552	O ALWST	B22/E1		
1ALWST	1MEM1	104-050	352	I ALWST	B25/E0		
1ALWST	1MEM2	104-058	352	I ALWST	B25/E5		
1ALWST	1MEM3	104-064	352	I ALWST	B26/E0		
1ALWST	1MEM4	104-070	352	I ALWST	B26/E5		
1ALWST	1MEM5	104-076	352	I ALWST	B27/E0		
1ALWST	1MEM6	104-082	352	I ALWST	B27/E5		
1AMA0	104-154	104-154	054	IO	B35/B6	*	
1AMA0	1DLI	104-156	055	I AMA0	B35/E0		
1AMA0	1MTSSWA	107-155R	047	IO AMA0	B35/E7		
1AMA1	104-154	104-154	053	IO	B35/B6	*	
1AMA1	1DLI	104-156	054	I AMA1	B35/E0		

LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
1AMA1	1MTSSWA	107-155R	048	IO AMA1	B35/E7		
1AMA2	104-154	104-154	052	IO	B35/B6	*	
1AMA2	1DLI	104-156	053	I AMA2	B35/E0		
1AMA2	1MTSSWA	107-155R	049	IO AMA2	B35/E7		
1AMA3	104-154	104-154	051	IO	B35/B6	*	
1AMA3	1DLI	104-156	052	I AMA3	B35/E0		
1AMA3	1MTSSWA	107-155R	050	IO AMA3	B35/E7		
1AMA4	104-154	104-154	050	IO	B35/B6	*	
1AMA4	1DLI	104-156	051	I AMA4	B35/E0		
1AMA4	1MTSSWA	107-155R	051	IO AMA4	B35/E7		
1AMA5	104-154	104-154	049	IO	B35/B6	*	
1AMA5	1DLI	104-156	050	I AMA5	B35/E0		
1AMA5	1MTSSWA	107-155R	052	IO AMA5	B35/E7		
1AMA6	104-154	104-154	048	IO	B35/B6	*	
1AMA6	1DLI	104-156	049	I AMA6	B35/E0		
1AMA6	1MTSSWA	107-155R	053	IO AMA6	B35/E7		
1AMA7	104-154	104-154	047	IO	B35/B6	*	
1AMA7	1DLI	104-156	048	I AMA7	B35/E0		
1AMA7	1MTSSWA	107-155R	054	IO AMA7	B35/E7		
1AMAEN	104-154	104-154	055	IO	B35/B6	*	
1AMAEN	1DLI	104-156	056	I AMAEN	B35/E0		
1AMAEN	1MTSSWA	107-155R	055	IO AMAEN	B35/E7		
1APPMSE	1CS1	104-026	432	I APPMSE	B22/E1		
1APPMSE	1APPL1	104-088	535	O APPMSE	B28/E1		
1AR+5	1DLI	104-156	251	P VCC	B35/E0		
1AR+5	1AFIBOPT	106-156R	251	P AR+5	B37/E2		
1AR+5	1OPTA	106-156R	251	P AR+5	B37/E3		
1AR+5	1OPTRCVA	107-156R	251	P AR+5	B37/E0		
1ARCV	1CONN	104-156	353	IO ARCV	B37/E4	*	
1ARCV	1DLI	104-156	353	I ARECV	B35/E0		
1ARCV	1AFIBOPT	106-156R	353	IO ARCV	B37/E2		
1ARCV	1OPTA	106-156R	353	IO ARCV	B37/E3		
1ARCV	1AFIBOPT	106-156R	FO1	IO ARCV	B37/E2		
1ARCV	1OPTRCVA	107-156R	353	IO ARCV	B37/E0		
1ARXINT	1CS2	104-034	553	I ARXINT	B23/E0		
1ARXINT	1APPL1	104-088	253	O ARXINT	B28/E1		
1AT+5	1DLI	104-156	334	P VCC	B35/E0		
1AT+5	1OPTXMTA	105-156R	334	P AT+5	B37/E1		
1AT+5	1AFIBOPT	106-156R	334	P AT+5	B37/E2		
1AT+5	1OPTA	106-156R	334	P AT+5	B37/E3		
1ATXINT	1CS2	104-034	453	I ATXINT	B23/E0		
1ATXINT	1APPL1	104-088	353	O ATXINT	B28/E1		
1AXMIT	1CONN	104-156	340	IO AXMIT	B37/E4	*	
1AXMIT	1DLI	104-156	340	O AXMIT	B35/E0		
1AXMIT	1OPTXMTA	105-156R	340	IO AXMIT	B37/E1		
1AXMIT	1AFIBOPT	106-156R	340	IO AXMIT	B37/E2		
1AXMIT	1OPTA	106-156R	340	IO AXMIT	B37/E3		
1AXMIT	1AFIBOPT	106-156R	FO2	IO AXMIT	B37/E2		
1B-48	1OPTRCVB	101-156R	204	P B-48	B37/E5		
1B-48	1BFIBOPT	102-156R	204	P B-48	B37/E7		
1B-48	1OPTB	102-156R	204	P B-48	B37/E8		
1B-48	1DLI	104-156	204	P -48	B35/E0		
1BCOND5	1OPTRCVB	101-156R	309	IO BCOND5	B37/E5		
1BCOND5	1BFIBOPT	102-156R	309	IO BCOND5	B37/E7		
1BCOND5	1OPTB	102-156R	309	IO BCOND5	B37/E8		
1BCOND5	1DLI	104-156	309	O BCOND5	B35/E0		
1BDLI1P	1TSI-SP	104-144	002	I DL11BN3	B34/E1		
1BDLI1P	1DLI	104-156	108	O BRPTS11	B35/E0		
1BDLI1X	1TSI-SP	104-144	302	I DL11BN0	B34/E1		
1BDLI1X	1DLI	104-156	111	O BRXTS11	B35/E0		
1BDLI1Y	1TSI-SP	104-144	202	I DL11BN1	B34/E1		
1BDLI1Y	1DLI	104-156	110	O BRYTS11	B35/E0		
1BDLI1Z	1TSI-SP	104-144	102	I DL11BN2	B34/E1		
1BDLI1Z	1DLI	104-156	109	O BRZTS11	B35/E0		
1BFMCNTE	1CS1	104-026	518	O BFMCNTE	B22/E1		
1BFMCNTE	1CS2	104-034	241	I BFMCNTE	B23/E0		
1BFMPERR	1CS1	104-026	418	O BFMPERR	B22/E1		
1BFMPERR	1CS2	104-034	240	I BFMPERR	B23/E0		
1BFMTHEN	1CS1	104-026	516	O BFMTHEN	B22/E1		
1BFMTHEN	1CORE	104-042	245	I BFMTHEN	B24/E0		
1BK1HIT	1CS2	104-034	035	I BK1HIT	B23/E0		

105	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
1BK1HIT	1CORE		104-042	040	O BK1HIT	B24/E0	
1BK2HIT	1CS2		104-034	135	I BK2HIT	B23/E0	
1BK2HIT	1CORE		104-042	140	O BK2HIT	B24/E0	
1BK3HIT	1CS2		104-034	235	I BK3HIT	B23/E0	
1BK3HIT	1CORE		104-042	240	O BK3HIT	B24/E0	
1BK4HIT	1CS2		104-034	335	I BK4HIT	B23/E0	
1BK4HIT	1CORE		104-042	340	O BK4HIT	B24/E0	
1BMA0	104-154		104-154	041	IO	B35/B6	*
1BMA0	1DLI		104-156	044	I BMA0	B35/E0	
1BMA0	1MTSSWB		105-155R	035	IO BMA0	B35/E8	
1BMA1	104-154		104-154	040	IO	B35/B6	*
1BMA1	1DLI		104-156	043	I BMA1	B35/E0	
1BMA1	1MTSSWB		105-155R	036	IO BMA1	B35/E8	
1BMA2	104-154		104-154	039	IO	B35/B6	*
1BMA2	1DLI		104-156	042	I BMA2	B35/E0	
1BMA2	1MTSSWB		105-155R	037	IO BMA2	B35/E8	
1BMA3	104-154		104-154	038	IO	B35/B6	*
1BMA3	1DLI		104-156	041	I BMA3	B35/E0	
1BMA3	1MTSSWB		105-155R	038	IO BMA3	B35/E8	
1BMA4	104-154		104-154	037	IO	B35/B6	*
1BMA4	1DLI		104-156	040	I BMA4	B35/E0	
1BMA4	1MTSSWB		105-155R	039	IO BMA4	B35/E8	
1BMA5	104-154		104-154	036	IO	B35/B6	*
1BMA5	1DLI		104-156	039	I BMA5	B35/E0	
1BMA5	1MTSSWB		105-155R	040	IO BMA5	B35/E8	
1BMA6	104-154		104-154	035	IO	B35/B6	*
1BMA6	1DLI		104-156	038	I BMA6	B35/E0	
1BMA6	1MTSSWB		105-155R	041	IO BMA6	B35/E8	
1BMA7	104-154		104-154	034	IO	B35/B6	*
1BMA7	1DLI		104-156	037	I BMA7	B35/E0	
1BMA7	1MTSSWB		105-155R	043	IO BMA7	B35/E8	
1BMAEN	104-154		104-154	042	IO	B35/B6	*
1BMAEN	1DLI		104-156	045	I BMAEN	B35/E0	
1BMAEN	1MTSSWB		105-155R	042	IO BMAEN	B35/E8	
1BOWLFUL	1CS2		104-034	153	I BOWLFUL	B23/E0	
1BOWLFUL	1CORE		104-042	153	O BOWLFUL	B24/E0	
1BR+5	1OPTRCVB		101-156R	206	P BR+5	B37/E5	
1BR+5	1BFIBOPT		102-156R	206	P BR+5	B37/E7	
1BR+5	1OPTB		102-156R	206	P BR+5	B37/E8	
1BR+5	1DLI		104-156	206	P VCC	B35/E0	
1BRCV	1OPTRCVB		101-156R	308	IO BRCV	B37/E5	
1BRCV	1BFIBOPT		102-156R	308	IO BRCV	B37/E7	
1BRCV	1OPTB		102-156R	308	IO BRCV	B37/E8	
1BRCV	1BFIBOPT		102-156R	FO1	IO BRCV	B37/E7	
1BRCV	1CONN		104-156	308	IO BRCV	B37/E4	*
1BRCV	1DLI		104-156	308	I BRECY	B35/E0	
1BRXINT	1CS2		104-034	555	I BRXINT	B23/E0	
1BRXINT	1APPL1		104-088	254	O BRXINT	B28/E1	
1BSYBIT	1CS1		104-026	449	I BSYBIT	B22/E1	
1BSYBIT	1APPL1		104-088	152	O BSYBIT	B28/E1	
1BT+5	1BFIBOPT		102-156R	315	P BT+5	B37/E7	
1BT+5	1OPTB		102-156R	315	P BT+5	B37/E8	
1BT+5	1OPTXMTB		103-156R	315	P BT+5	B37/E6	
1BT+5	1DLI		104-156	315	P VCC	B35/E0	
1BTSRPAS	1CS1		104-026	549	I BTSRPAS	B22/E1	
1BTSRPAS	1APPL1		104-088	252	O BTSRPAS	B28/E1	

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106 LEAD INDEX (CONTINUED)							
LDDESIG	FDDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1BTXINT	1CS2	104-034	455	1	I	BTXINT	B23/B0
1BTXINT	1APPL1	104-088	354		O	BTXINT	B28/E1
1BXMIT	1BFIBOPT	102-156R	321		IO	BXMIT	B37/B7
1BXMIT	1OPTB	102-156R	321		IO	BXMIT	B37/B8
1BXMIT	1BFIBOPT	102-156R	F02		IO	BXMIT	B37/B7
1BXMIT	1OPTXMTB	103-156R	321		IO	BXMIT	B37/B6
1BXMIT	1CONN	104-156	321		IO	BXMIT	B37/B4
1BXMIT	1DLI	104-156	321		O	BXMIT	B35/E0 *
1CACHCLK	1CS2	104-034	040		I	CACHCLK	B23/E0
1CACHCLK	1CORE	104-042	139		O	CACHCLK	B24/E0
1CACHER	1CS1	104-026	451		I	CACHER	B22/E1
1CACHER	1CORE	104-042	252		O	CACHER	B24/E0
1CADDPER	1CS1	104-026	533		I	APERAPP	B22/E1
1CADDPER	1APPL1	104-088	133		O	CADDPER	B28/E1
1CARD	1PWRCONV	104-012	113		IO	CARD	B22/E0
1CARD	1CS1	104-026	502		O	CARD	B22/E1
1CKSEL	1TSI-SP	104-144	101		O	CKSELO	B34/E1
1CKSEL	1TSI-SP	104-144	301		I	CKSEL	B34/E1
1CLCACHE	1CS2	104-034	151		O	CLCACHE	B23/E0
1CLCACHE	1CORE	104-042	151		I	CLCACHE	B24/E0
1CLSN+	104-050	104-050	556		IO		B38/F2 *
1CLSN+	104-055	104-055	056		IO		B38/F2 *
1CLSN+	1BIB10	104-055R	056		IO	CLSN+	B38/E2
1CLSN-	104-050	104-050	555		IO		B38/F2 *
1CLSN-	104-055	104-055	055		IO		B38/F2 *
1CLSN-	1BIB10	104-055R	055		IO	CLSN-	B38/E2
1CONCOS	1PWRCONV	104-012	115		IO	CONCOS	B22/E0
1CONCOS	1CS1	104-026	405		O	CONCOS	B22/E1
1CONCOSR	1PWRCONV	104-012	015		IO	CONCOSR	B22/E0
1CONCOSR	1CS1	104-026	505		O	CONCOSR	B22/E1
1CONV-48	102-007	102-007	005		P		B38/B7 *
1CONV-48	EP8	102-007	2		P	PWR2	B38/C7
1CONV-48	104-010	104-010	021		P		B22/B1 *
1CONV-48	104-010	104-010	022		P		B22/B0 *
1CONV-48	104-010	104-010	023		P		B22/B1 *
1CONV-48	104-010	104-010	024		P		B22/B1 *
1CONV-48	1PWRCONV	104-012	006		P	CONV-48	B22/E0
1CONV-48	1PWRCONV	104-012	007		P	CONV-48	B22/E0
1CONV-48	1PWRCONV	104-012	008		P	CONV-48	B22/E0
1CONV-48	1PWRCONV	104-012	106		P	CONV-48	B22/E0
1CONV-48	1PWRCONV	104-012	107		P	CONV-48	B22/E0
1CONV-48	1PWRCONV	104-012	108		P	CONV-48	B22/E0
1CONV-48	1PWRCONV	104-012	206		P	CONV-48	B22/E0
1CONV-48	1PWRCONV	104-012	207		P	CONV-48	B22/E0
1CONV-48	1PWRCONV	104-012	208		P	CONV-48	B22/E0
1CONV-48	1PWRCONV	104-012	306		P	CONV-48	B22/E0
1CONV-48	1PWRCONV	104-012	307		P	CONV-48	B22/E0
1CONV-48	1PWRCONV	104-012	308		P	CONV-48	B22/E0
1CONV-48	1CS1	104-026	500		I	-48NI	B22/E1
1CONVRTN	EP8	102-007	1		P	PWR1	B38/C7 *
1CONVRTN	104-011	104-011	021		G		B22/G1 *
1CONVRTN	104-011	104-011	022		G		B22/G1 *
1CONVRTN	104-011	104-011	023		G		B22/G1 *
1CONVRTN	104-011	104-011	024		G		B22/G1 *
1CONVRTN	1PWRCONV	104-012	003		G	CONVRTN	B22/E0
1CONVRTN	1PWRCONV	104-012	004		G	CONVRTN	B22/E0
1CONVRTN	1PWRCONV	104-012	005		G	CONVRTN	B22/E0
1CONVRTN	1PWRCONV	104-012	102		G	CONVRTN	B22/E0
1CONVRTN	1PWRCONV	104-012	103		G	CONVRTN	B22/E0
1CONVRTN	1PWRCONV	104-012	104		G	CONVRTN	B22/E0
1CONVRTN	1PWRCONV	104-012	112		G	CONVRTN	B22/E0
1CONVRTN	1PWRCONV	104-012	203		G	CONVRTN	B22/E0
1CONVRTN	1PWRCONV	104-012	204		G	CONVRTN	B22/E0
1CONVRTN	1PWRCONV	104-012	205		G	CONVRTN	B22/E0
1CONVRTN	1PWRCONV	104-012	302		G	CONVRTN	B22/E0
1CONVRTN	1PWRCONV	104-012	303		G	CONVRTN	B22/E0
1CONVRTN	1PWRCONV	104-012	304		G	CONVRTN	B22/E0
1CONVRTN	1CS1	104-026	133		G	CONVRTN	B22/E1
1CONVRTN	1CS1	104-026	400		G	48RTN	B22/E1
1CONVRTN	1CS1	104-026	424		G	CONVRTN	B22/E1
1CORBER	1CS1	104-026	535		I	CORSP	B22/E1
1CORBER	1CS1	104-026	553		I	CORBER	B22/E1
1CORBER	1CS2	104-034	253		I	CORBER	B23/E0
1CORBER	1MEM1	104-050	353		O	CORBER	B25/E0
1CORBER	1MEM2	104-058	353		O	CORBER	B25/E5
1CORBER	1MEM3	104-064	353		O	CORBER	B26/E0
1CORBER	1MEM4	104-070	353		O	CORBER	B26/E5
1CORBER	1MEM5	104-076	353		O	CORBER	B27/E0
1CORBER	1MEM6	104-082	353		O	CORBER	B27/E5
1CPI8K	104-050	104-050	523		I		B40/C4 *
1CPI8K	104-055	104-055	023		I		B40/C5 *

107 LEAD INDEX (CONTINUED)							
LDDESIG	FDDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1CPIINT	1CS1	104-026	440		O	CPIINT	B22/E1
1CPIINT	1CS2	104-034	540		I	CPIINT	B23/E0
1CRXINT	1CS2	104-034	549		I	CRXINT	B23/E0
1CRXINT	1APPL1	104-088	349		O	CRXINT	B28/E1
1CS1	1PWRCONV	104-012	011		IO	CS1	B22/E0
1CS1	1CS1	104-026	403		O	RS1	B22/E1
1CS2	1PWRCONV	104-012	110		IO	CS2	B22/E0
1CS2	1CS1	104-026	503		I	RS2	B22/E1
1CS2MSER	1CS1	104-026	433		I	CS2MSER	B22/E1
1CS2MSER	1CS2	104-034	432		O	CS2MSER	B23/E0
1CS3	1PWRCONV	104-012	109		IO	CS3	B22/E0
1CS3	1CS1	104-026	404		O	RS3	B22/E1
1CTSA	1MEM1	104-050	154		IO	CTSA	B25/E0 *
1CTSLT1	1CS1	104-026	345		O	CTSLT1	B22/E1
1CTSLT1	104-033	104-033	021		IO		B22/F7 *
1DAFF	1CS1	104-026	520		O	DAFF	B22/E1
1DAFF	104-033	104-033	015		IO		B22/F7 *
1DAFFX	004-011	004-011	038		IO		B18/B4 *
1DAFFX	004-018	004-018	236		IO		B18/B5 *
1DIATA0P	1DI1	104-138	319		O	NIBINA	B33/E0
1DIATA0P	1TSI-SP	104-144	017		I	DIAN1I	B34/E1
1DIATB0P	1DI10	104-130	319		O	NIBINA	B32/E0
1DIATB0P	1TSI-SP	104-144	019		I	DIEN2I	B34/E1
1DIBTA0Z	1DI1	104-138	219		O	NIBINB	B33/E0
1DIBTA0Z	1TSI-SP	104-144	117		I	DIAN2I	B34/E1
1DIBTB0Z	1DI10	104-130	219		O	NIBINB	B32/E0
1DIBTB0Z	1TSI-SP	104-144	119		I	DIEN2I	B34/E1
1DICTA0Y	1DI1	104-138	119		O	NIBINC	B33/E0
1DICTA0Y	1TSI-SP	104-144	217		I	DIAN1I	B34/E1
1DICTB0Y	1DI10	104-130	119		O	NIBINC	B32/E0
1DICTB0Y	1TSI-SP	104-144	219		I	DIEN2I	B34/E1
1DIDTA0X	1DI1	104-138	019		O	NIBIND	B33/E0
1DIDTA0X	1TSI-SP	104-144	317		I	DIAN1I	B34/E1
1DIDTB0X	1DI10	104-130	019		O	NIBIND	B32/E0
1DIDTB0X	1TSI-SP	104-144	319		I	DIEN2I	B34/E1
1DINT	104-155	104-155	014		IO		B35/B4 *
1DINT	104-155	104-155	014 (16)		IO		B35/B4 *
1DINT	1DLI	104-156	224		I	CPR	B35/E0
1DISCACH	1CS1	104-026	417		O	DISCACH	B22/E1
1DISCACH	1CS2	104-034	339		I	DISCACH	B23/E0
1DISWP	1CS2	104-034	047		O	DISWP	B23/E0
1DISWP	1MEM1	104-050	047		I	DISWP	B25/E0
1DISWP	1MEM2	104-058	047		I	DISWP	B25/E5
1DISWP	1MEM3	104-064	047		I	DISWP	B26/E0
1DISWP	1MEM4	104-070	047		I	DISWP	B26/E5
1DISWP	1MEM5	104-076	047		I	DISWP	B27/E0
1DISWP	1MEM6	104-082	047		I	DISWP	B27/E5
1DLI-48	102-166	102-166	006		P		B38/B8 *
1DLI-48	EP9	102-166	2		P	PWR2	B38/C8
1DLI-48	1DLI	104-156	006		P	-48	B35/E0
1DLI-48	1DLI	104-156	106		P	-48	B35/E0
1DLIAD	104-155	104-155	019		IO		B35/B4 *
1DLIAD	104-155	104-155	019 (16)		IO		B35/B4 *
1DLIAD	1DLI	104-156	333		I	AD	B35/E0
1DLIALM	104-155	104-155	000		IO		B40/B8 *
1DLIALM	104-155	104-155	022		IO		B40/B8 *
1DLIALMP	104-155	104-155	018		IO		B35/G3 *
1DLIALMP	104-155	104-155	018 (16)		IO		B35/G3 *
1DLIALMP	1DLI	104-156	347		O	PINT	B35/E0
1DLIALMR	104-155	104-155	023		IO		B35/G3 *
1DLIALMR	104-155	104-155	023 (16)		IO		B35/G3 *
1DLIALMR	1DLI	104-156	345		O	CARD	B35/E0
1DLIBRR	1CS1	104-026	447		I	DLIBRR	B22/E1
1DLIBRR	1APPL1	104-088	433		O	DLIBRR	B28/E1
1DLIJMP3	104-155	104-155	022 (16)		IO		B40/B8 *
1DLIRA7	1DLI	104-156	335		O	NC	B35/E0
1DLIRA7	1DLI	104-156	336		O	AR8KN	B35/E0

108 LEAD INDEX (CONTINUED)							
LDDESIG	FDDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1DLIRTN	102-166	102-166	002		G		B38/D8 *
1DLIRTN	EP9	102-166	1		P	PWR1	B38/C8
1DLIRTN	104-155	104-155	013		G		B35/B4 *
1DLIRTN	104-155	104-155	013 (16)		IO		B35/B4 *
1DLIRTN	1DLI	104-156	003		P	-48RTN	B35/E0
1DLIRTN	1DLI	104-156	103		P	-48RTN	B35/E0
1DLIS1	104-155	104-155	017		IO		B35/G6 *
1DLIS1	1DLI	104-156	212		O	RS1	B35/E0
1DLIS2	104-155	104-155	016		IO		B35/G3 *
1DLIS2	1DLI	104-156	211		O	RS2	B35/E0
1DLIS3	104-155	104-155	015		IO		B35/G3 *
1DLIS3	1DLI	104-156	210		O	RS3	B35/E0
1DLITSTA	104-155	104-155	001		IO		B35/G3 *
1DLITSTA	1DLI	104-156	346		O	TSTA	B35/E0
1DLPA0DI	1DI1	104-138	144		I	LOOPEN1	B33/E0
1DLPA0DI	1TSI-SP	104-144	144		O	DIALP	B34/E1
1DLPB0DI	1DI10	104-130	144		I	LOOPEN1	B32/E0
1DLPB0DI	1TSI-SP	104-144	044		O	DIBLP	B34/E1
1DMB2	1CS1	104-026	422		O	DMB2	B22/E1
1DMB2	104-032	104-032	019		IO		B22/F7 *
1DMB3	1CS1	104-026	521		O	DMB3	B22/E1
1DMB3	104-032	104-032	018		IO		B22/F7 *
1DMB3	104-033	104-033	016		IO		B22/F7 *

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	109 LEAD INDEX (CONTINUED)										
	LDDESIG	FDDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT		
	1DSCB09	104-178		104-178	015	IO		B36/F4	*		
	1DSCB10	1DSC		104-168	316	O	DSCEXCT0	B36/B0			
	1DSCB10	104-178		104-178	016	IO		B36/F5	*		
	1DSCB11	1DSC		104-168	317	IO	NC	B36/B0			
	1DSCB11	104-178		104-178	017	IO		B36/F4	*		
	1DSCB12	1DSC		104-168	318	I	EXPDATA1	B36/B0			
	1DSCB12	104-178		104-178	018	IO		B36/B4	*		
	1DSCB13	1DSC		104-168	319	IO	NC	B36/B0			
	1DSCB13	104-178		104-178	019	IO		B36/F4	*		
	1DSCB14	1DSC		104-168	320	O	DSCEXDT1	B36/B0			
	1DSCB14	104-178		104-178	020	IO		B36/F5	*		
	1DSCB15	1DSC		104-168	321	IO	NC	B36/B0			
	1DSCB15	104-178		104-178	021	IO		B36/F4	*		
	1DSCB16	1DSC		104-168	322	O	DSCEXCK1	B36/B0			
	1DSCB16	104-178		104-178	022	IO		B36/F5	*		
	1DSCB17	1DSC		104-168	323	IO	NC	B36/B0			
	1DSCB17	104-178		104-178	023	IO		B36/F4	*		
	1DSCB18	1DSC		104-168	324	IO	NC	B36/B0			
	1DSCB18	104-178		104-178	024	IO		B36/F4	*		
	1DSCB19	1DSC		104-168	332	IO	NC	B36/B0			
	1DSCB19	104-178		104-178	032	IO		B36/F4	*		
	1DSCB20	1DSC		104-168	333	O	DSCEXSY1	B36/B0			
	1DSCB20	104-178		104-178	033	IO		B36/F6	*		
	1DSCB21	1DSC		104-168	334	IO	NC	B36/B0			
	1DSCB21	104-178		104-178	034	IO		B36/F4	*		
	1DSCB22	1DSC		104-168	335	O	DSCEXCT1	B36/B0			
	1DSCB22	104-178		104-178	035	IO		B36/F5	*		
	1DSCB23	1DSC		104-168	336	IO	NC	B36/B0			
	1DSCB23	104-178		104-178	036	IO		B36/F3	*		
	1DSCB24	1DSC		104-168	337	I	EXPDATA2	B36/B0			
	1DSCB24	104-178		104-178	037	IO		B36/B5	*		
	1DSCB25	1DSC		104-168	338	IO	NC	B36/B0			
	1DSCB25	104-178		104-178	038	IO		B36/F3	*		
	1DSCB26	1DSC		104-168	339	O	DSCEXDT2	B36/B0			
	1DSCB26	104-178		104-178	039	IO		B36/F6	*		
	1DSCB27	1DSC		104-168	340	IO	NC	B36/B0			
	1DSCB27	104-178		104-178	040	IO		B36/F3	*		
	1DSCB28	1DSC		104-168	341	O	DSCEXCK2	B36/B0			
	1DSCB28	104-178		104-178	041	IO		B36/F5	*		
	1DSCB29	1DSC		104-168	342	IO	NC	B36/B0			
	1DSCB29	104-178		104-178	042	IO		B36/F3	*		
	1DSCB30	1DSC		104-168	343	O	DSCEXSY2	B36/B0			
	1DSCB30	104-178		104-178	043	IO		B36/F6	*		
	1DSCB31	1DSC		104-168	344	IO	NC	B36/B0			
	1DSCB31	104-178		104-178	044	IO		B36/F3	*		
	1DSCB32	1DSC		104-168	345	O	DSCEXCT2	B36/B0			
	1DSCB32	104-178		104-178	045	IO		B36/F5	*		
	1DSCB33	1DSC		104-168	346	IO	NC	B36/B0			
	1DSCB33	104-178		104-178	046	IO		B36/F3	*		
	1DSCB34	1DSC		104-168	347	I	EXPDATA3	B36/B0			
	1DSCB34	104-178		104-178	047	IO		B36/B5	*		
	1DSCB35	1DSC		104-168	348	IO	NC	B36/B0			
	1DSCB35	104-178		104-178	048	IO		B36/F3	*		
	1DSCB36	1DSC		104-168	349	O	UCICS5	B36/B0			
	1DSCB36	104-178		104-178	049	IO		B36/F6	*		
	1DSCB37	1DSC		104-168	350	O	UCIBES5	B36/B0			
	1DSCB37	104-178		104-178	050	IO		B36/F6	*		
	1DSCB38	1DSC		104-168	351	IO	NC	B36/B0			
	1DSCB38	104-178		104-178	051	IO		B36/F3	*		
	1DSCB39	1DSC		104-168	251	IO	NC	B36/B0			
	1DSCB39	104-178		104-178	151	IO		B36/F4	*		
	1DSCB40	1DSC		104-168	006	IO	NC40	B36/B0			
	1DSCB40	104-178		104-178	306	IO		B36/F5	*		
	1DSCB41	1DSC		104-168	007	IO	NC41	B36/B0			
	110 LEAD INDEX (CONTINUED)										
	LDDESIG	FDDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT		
	1DSCB41	104-178		104-178	307	IO		B36/F5	*		
	1DSCB42	1DSC		104-168	008	IO	NC42	B36/B0			
	1DSCB42	104-178		104-178	308	IO		B36/F5	*		
	1DSCB43	1DSC		104-168	009	IO	NC43	B36/B0			
	1DSCB43	104-178		104-178	309	IO		B36/F5	*		
	1DSCB44	1DSC		104-168	010	IO	NC44	B36/B0			
	1DSCB44	104-178		104-178	310	IO		B36/F5	*		
	1DSCB45	1DSC		104-168	011	IO	NC45	B36/B0			
	1DSCB45	104-178		104-178	311	IO		B36/F5	*		
	1DSCB46	1DSC		104-168	012	IO	NC46	B36/B0			
	1DSCB46	104-178		104-178	312	IO		B36/F5	*		
	1DSCB47	1DSC		104-168	013	IO	NC47	B36/B0			
	1DSCB47	104-178		104-178	313	IO		B36/F5	*		
	1DSCB48	1DSC		104-168	014	IO	NC48	B36/B0			
	1DSCB48	104-178		104-178	314	IO		B36/F5	*		
	1DSCB49	1DSC		104-168	015	IO	NC49	B36/B0			
	1DSCB49	104-178		104-178	315	IO		B36/F5	*		
	1DSCB50	1DSC		104-168	016	IO	NC50	B36/B0			
	1DSCB50	104-178		104-178	316	IO		B36/F5	*		
	1DSCB51	1DSC		104-168	017	IO	NC51	B36/B0			
	1DSCB51	104-178		104-178	317	IO		B36/F5	*		
	1DSCB52	1DSC		104-168	018	IO	NC52	B36/B0			
	1DSCB52	104-178		104-178	318	IO		B36/F5	*		
	1DSCB53	1DSC		104-168	019	IO	NC53	B36/B0			
	1DSCB53	104-178		104-178	319	IO		B36/F5	*		
	1DSCB54	1DSC		104-168	020	IO	NC54	B36/B0			
	1DSCB54	104-178		104-178	320	IO		B36/F5	*		
	1DSCB55	1DSC		104-168	021	IO	NC55	B36/B0			
	1DSCB55	104-178		104-178	321	IO		B36/F5	*		
	1DSCB56	1DSC		104-168	022	IO	NC56	B36/B0			
	1DSCB56	104-178		104-178	322	IO		B36/F5	*		
	1DSCB57	1DSC		104-168	023	IO	NC57	B36/B0			
	1DSCB57	104-178		104-178	323	IO		B36/F5	*		
	1DSCB58	1DSC		104-168	024	IO	NC58	B36/B0			
	1DSCB58	104-178		104-178	324	IO		B36/F5	*		
	1DSCB59	1DSC		104-168	032	IO	NC59	B36/B0			
	1DSCB59	104-178		104-178	332	IO		B36/F5	*		
	1DSCB60	1DSC		104-168	033	IO	NC60	B36/B0			
	1DSCB60	104-178		104-178	333	IO		B36/F5	*		
	1DSCB61	1DSC		104-168	034	IO	NC61	B36/B0			
	1DSCB61	104-178		104-178	334	IO		B36/F5	*		
	1DSCB62	1DSC		104-1							

112 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
1BIBGRD	104-054		104-054	041	P	B40/B5	*
1BIBGRD	104-054		104-054	043	P	B40/B5	*
1EQP520	1CS2		104-034	441	I MACR1	B23/E0	
1EQP520	1CORE		104-042	041	O NC	B24/E0	
1FANC	1CS1		104-026	035	I FANC	B22/B1	
1FANC	104-032		104-032	024	IO	B22/B9	*
1FANO	1CS1		104-026	135	I FANO	B22/B1	
1FANO	1CS1		104-026	351	I BPFA0	B22/B1	
1FANO	104-032		104-032	023	IO	B22/B4	*
1FANRST	1CS1		104-026	416	O FANRST	B22/B1	
1FANRST	104-033		104-033	000	IO	B22/F8	*
1FANSC	1CS1		104-026	508	I FANSC	B22/B1	
1FANSC	104-033		104-033	001	IO	B22/B4	*
1FLUSHCH	1CS2		104-034	350	O FLUSHCH	B23/E0	
1FLUSHCH	1CORE		104-042	350	I FLUSHCH	B24/E0	
1FM1STP	1CS1		104-026	346	I FM1STP	B22/B1	
1FM1STP	104-033		104-033	052	IO	B22/B4	*
1FM2STP	1CS1		104-026	246	I FM2STP	B22/B1	
1FM2STP	104-032		104-032	052	IO	B22/B4	*
1FMACT	1CS1		104-026	350	I FMACT	B22/B1	
1FMACT	104-033		104-033	056	IO	B22/B4	*
1FMAFF	1CS1		104-026	248	I FMAFF	B22/B1	
1FMAFF	104-032		104-032	054	IO	B22/B4	*
1FMCNTER	1CS1		104-026	349	I FMCNTER	B22/B1	
1FMCNTER	104-033		104-033	055	IO	B22/B4	*
1FMDRQ	1CS1		104-026	348	I FMDRQ	B22/B1	
1FMDRQ	104-033		104-033	054	IO	B22/B4	*
1FMFIACF	1CS1		104-026	347	I FMFIACF	B22/B1	
1FMFIACF	104-033		104-033	053	IO	B22/B4	*
1FMOOS	1CS1		104-026	511	I FMOOS	B22/B1	
1FMOOS	104-033		104-033	039	IO	B22/B5	*
1FMPERR	1CS1		104-026	247	I FMPERR	B22/B1	
1FMPERR	104-032		104-032	053	IO	B22/B5	*
1FMPFF	1CS1		104-026	411	I FMPFF	B22/B1	
1FMPFF	104-032		104-032	038	IO	B22/B3	*
1FMPFF	1CORE		104-042	045	I MPF0	B24/E0	
1FMRQIP	1CS1		104-026	512	I FMRQIP	B22/B1	
1FMRQIP	104-032		104-032	039	IO	B22/B5	*
1FMRST	1CS1		104-026	249	I FMRST	B22/B1	
1FMRST	104-032		104-032	055	IO	B22/B5	*
1FMTHEN	1CS1		104-026	250	I FMTHEN	B22/B1	
1FMTHEN	104-032		104-032	056	IO	B22/B5	*
1FMUPDAT	1CS1		104-026	541	I FMUPDATE	B22/B1	
1FMUPDAT	104-032		104-032	040	IO	B22/B5	*
1FMWSC	1CS1		104-026	510	I FMWSC	B22/B1	
1FMWSC	104-033		104-033	038	IO	B22/B5	*
1FMXSC	1CS1		104-026	409	I FMXSCAN	B22/B1	
1FMXSC	104-032		104-032	037	IO	B22/B5	*
1FMYSC	1CS1		104-026	410	I FMYSC	B22/B1	
1FMYSC	104-033		104-033	037	IO	B22/B5	*
1FMZSC	1CS1		104-026	509	I FMZSC	B22/B1	
1FMZSC	104-032		104-032	036	IO	B22/B5	*
1FRCMER	1CS2		104-034	150	O FRCMER	B23/E0	
1FRCMER	1CORE		104-042	150	I FRCMER	B24/E0	
1FSUMIS	1CS2		104-034	438	O FSUMIS	B23/E0	
1FSUMIS	1APPL1		104-088	412	I FSUMIS	B28/E1	
1FUTUR1	1CS2		104-034	541	I MACR2	B23/E0	*
1FUTUR1	1BIBLKJP		104-034R	541	IO FUTUR1	B23/B9	*
1FUTUR1	1CORE		104-042	141	O NC	B24/E0	
1FUTUR2	1CS2		104-034	542	I MACR3	B23/E0	
1FUTUR2	1CORE		104-042	241	O NC	B24/E0	
1FXREF	104-120		104-120	204	O	B35/B3	*
1FXREF	1CONN		104-156	250	I FXREF	B37/B4	*
1FXREF	1DLI		104-156	250		B35/E0	
1G2RSTSP	1CS1		104-026	536	I G2RSTSP	B22/B1	*

113 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
1GENESIS	1CS2		104-034	142	O GENESIS	B23/E0	
1GENESIS	1CORE		104-042	142	I GENESIS	B24/E0	
1GRD	1BIBA		100-055R	000	G GRD	B38/E0	
1GRD	1OPTRCVB		101-156R	207	G GRD	B37/E5	
1GRD	1OPTRCVB		101-156R	303	G GRD	B37/E5	
1GRD	1OPTRCVB		101-156R	307	G GRD	B37/E5	
1GRD	1BFFIBOPT		102-156R	207	G GRD	B37/E7	
1GRD	1OPTB		102-156R	207	G GRD	B37/E8	
1GRD	1BFFIBOPT		102-156R	215	G GRD	B37/E7	
1GRD	1OPTB		102-156R	215	G GRD	B37/E8	
1GRD	1BFFIBOPT		102-156R	221	G GRD	B37/E7	
1GRD	1OPTB		102-156R	221	G GRD	B37/E8	
1GRD	1BFFIBOPT		102-156R	303	G GRD	B37/E7	
1GRD	1OPTB		102-156R	303	G GRD	B37/E8	
1GRD	1BFFIBOPT		102-156R	307	G GRD	B37/E7	
1GRD	1OPTB		102-156R	307	G GRD	B37/E8	
1GRD	1BFFIBOPT		102-156R	320	G GRD	B37/E7	
1GRD	1OPTB		102-156R	320	G GRD	B37/E8	
1GRD	1OPTXMTB		103-156R	215	G GRD	B37/B6	
1GRD	1OPTXMTB		103-156R	221	G GRD	B37/B6	
1GRD	1OPTXMTB		103-156R	320	G GRD	B37/B6	
1GRD	1PWRCONV		104-012	000	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	001	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	032	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	033	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	034	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	035	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	036	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	037	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	038	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	039	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	040	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	041	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	042	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	043	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	100	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	101	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	119	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	132	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	133	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	134	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	135	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	136	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	137	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	138	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	139	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	140	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	141	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	142	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	143	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	200	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	201	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	232	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	233	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	234	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	235	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	236	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	237	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	238	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	239	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	240	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	241	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	242	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	243	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	300	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	301	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	332	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	333	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	334	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	335	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	336	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	337	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	338	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	339	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	340	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	341	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	342	G GRD	B22/E0	
1GRD	1PWRCONV		104-012	343	G GRD	B22/E0	
1GRD	104-016		104-016	000	G	B41/D0	*
1GRD	104-016		104-016	006	G	B41/D0	*
1GRD	104-018		104-018	019	G	B41/D1	*
1GRD	104-018		104-018	035	G	B41/D1	*
1GRD	104-018		104-018	047	G	B41/D1	*
1GRD	104-018		104-018	116	G	B41/D1	*
1GRD	104-018		104-018	119	G	B41/D1	*
1GRD	104-018		104-018	138	G	B41/D1	*
1GRD	104-018		104-018	148	G	B41/D1	*
1GRD	104-018		104-018	150	G	B41/D1	*
1GRD	104-018		104-018	152	G	B41/D1	*
1GRD	104-018		104-018	200	G	B41/D1	*
1GRD	104-018		104-018	201	G	B41/D1	*
1GRD	104-018		104-018	214	G	B41/D1	*
1GRD	104-018		104-018	216	G	B41/D2	*
1GRD	104-018		104-018	218	G	B41/D2	*

114		LEAD INDEX (CONTINUED)					
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
1GRD	104-018		104-018	220	G	B41/D2	*
1GRD	104-018		104-018	222	G	B41/D2	*
1GRD	104-018		104-018	232	G	B41/D2	*
1GRD	104-018		104-018	241	G	B41/D2	*
1GRD	104-018		104-018	246	G	B41/D2	*
1GRD	104-018		104-018	247	G	B41/D2	*
1GRD	104-018		104-018	248	G	B41/D2	*
1GRD	104-018		104-018	249	G	B41/D2	*
1GRD	104-018		104-018	250	G	B41/D2	*
1GRD	104-018		104-018	251	G	B41/D2	*
1GRD	104-018		104-018	252	G	B41/D3	*
1GRD	104-018		104-018	253	G	B41/D3	*
1GRD	104-018		104-018	254	G	B41/D3	*
1GRD	104-018		104-018	300	G	B41/D3	*
1GRD	104-018		104-018	301	G	B41/D3	*
1GRD	104-018		104-018	314	G	B41/D3	*
1GRD	104-018		104-018	316	G	B41/D3	*
1GRD	104-018		104-018	318	G	B41/D3	*
1GRD	104-018		104-018	320	G	B41/D3	*
1GRD	104-018		104-018	324	G	B41/D3	*
1GRD	104-018		104-018	332	G	B41/D3	*
1GRD	104-018		104-018	344	G	B41/D3	*
1GRD	104-018		104-018	356	G	B41/D3	*
1GRD	104-026		104-026	035 (ZA_ZJ)	G	B22/F9	*
1GRD	1CS1		104-026	038	G	B22/E1	
1GRD	1CS1		104-026	044	G GRD	B22/E1	
1GRD	1CS1		104-026	045	G NC	B22/E1	
1GRD	1CS1		104-026	051	G GRD	B22/E1	
1GRD	1CS1		104-026	144	G GRD	B22/E1	
1GRD	1CS1		104-026	200	G GRD	B22/E1	
1GRD	1CS1		104-026	212	G GRD	B22/E1	
1GRD	1CS1		104-026	224	G GRD	B22/E1	
1GRD	1CS1		104-026	232	G GRD	B22/E1	
1GRD	1CS1		104-026	238	G GRD	B22/E1	
1GRD	1CS1		104-026	244	G GRD	B22/E1	
1GRD	1CS1		104-026	245	G GRD	B22/E1	
1GRD	1CS1		104-026	300	G GRD	B22/E1	
1GRD	1CS1		104-026	312	G GRD	B22/E1	
1GRD	1CS1		104-026	324	G GRD	B22/E1	
1GRD	1CS1		104-026	332	G GRD	B22/E1	
1GRD	1CS1		104-026	344	G GRD	B22/E1	
1GRD	1CS1		104-026	356	G GRD	B22/E1	
1GRD	1CS1		104-026	419	G GRD	B22/E1	
1GRD	1CS1		104-026	437	G GRD	B22/E1	
1GRD	1CS1		104-026	456	G GRD	B22/E1	
1GRD	1CS1		104-026	540	G GRD	B22/E1	
1GRD	1CS1		104-026	556	G GRD	B22/E1	
1GRD	104-032		104-032	002	G	B41/D4	*
1GRD	104-032		104-032	011	G	B41/D4	*
1GRD	104-032		104-032	013	G	B41/D4	*
1GRD	104-032		104-032	014	G	B41/D4	*
1GRD	104-032		104-032	015	G	B41/D4	*
1GRD	104-032		104-032	016	G	B41/D4	*
1GRD	104-032		104-032	017	G	B41/D4	*
1GRD	104-032		104-032	020	G	B41/D4	*
1GRD	104-032		104-032	021	G	B41/D4	*
1GRD	104-032		104-032	024 (ZA_ZJ)	G	B22/F9	*
1GRD	104-032		104-032	032	G	B41/D4	*
1GRD	104-032		104-032	045	G IO	B41/D4	*
1GRD	104-033		104-033	024	G	B41/D5	*
1GRD	1CS2		104-034	038	G	B23/E0	
1GRD	1CS2		104-034	039	G GRD	B23/E0	
1GRD	1CS2		104-034	044	G GRD	B23/E0	
1GRD	1CS2		104-034	138	G GRD	B23/E0	
1GRD	1CS2		104-034	144	G GRD	B23/E0	
1GRD	1CS2		104-034	200	G GRD	B23/E0	
1GRD	1CS2		104-034	212	G GRD	B23/E0	
1GRD	1CS2		104-034	224	G GRD	B23/E0	
1GRD	1CS2		104-034	232	G GRD	B23/E0	
1GRD	1CS2		104-034	239	G GRD	B23/E0	
1GRD	1CS2		104-034	246	G GRD	B23/E0	
1GRD	1CS2		104-034	300	G GRD	B23/E0	
1GRD	1CS2		104-034	312	G GRD	B23/E0	
1GRD	1CS2		104-034	324	G GRD	B23/E0	
1GRD	1CS2		104-034	332	G GRD	B23/E0	

115 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT
1GRD	1CS2		104-034	341	I MACRO	B23/B0	
1GRD	1CS2		104-034	356	G GRD	B23/B0	
1GRD	1CS2		104-034	400	G GRD	B23/B0	
1GRD	1CS2		104-034	412	G GRD	B23/B0	
1GRD	1CS2		104-034	424	G GRD	B23/B0	
1CRD	1CS2		104-034	439	G GRD	B23/B0	*
1CRD	1CS2		104-034	444	G GRD	B23/B0	
1GRD	1CS2		104-034	446	G GRD	B23/B0	
1GRD	1CS2		104-034	456	G GRD	B23/B0	
1GRD	1CS2		104-034	500	G GRD	B23/B0	
1GRD	1CS2		104-034	512	G GRD	B23/B0	
1GRD	1CS2		104-034	524	G GRD	B23/B0	
1GRD	1CS2		104-034	532	G GRD	B23/B0	
1GRD	1CS2		104-034	539	G GRD	B23/B0	
1GRD	1CS2		104-034	544	G GRD	B23/B0	
1GRD	1CS2		104-034	556	G GRD	B23/B0	
1GRD	1E1BLKJP		104-034R	439	G GRD	B23/B9	*
1GRD	1CORE		104-042	039	G GRD	B24/B0	
1GRD	1CORE		104-042	044	G GRD	B24/B0	
1GRD	1CORE		104-042	135	G GRD	B24/B0	
1GRD	1CORE		104-042	144	G GRD	B24/B0	
1GRD	1CORE		104-042	200	G GRD	B24/B0	
1GRD	1CORE		104-042	212	G GRD	B24/B0	
1GRD	1CORE		104-042	224	G GRD	B24/B0	
1GRD	1CORE		104-042	232	G GRD	B24/B0	
1GRD	1CORE		104-042	235	G GRD	B24/B0	
1GRD	1CORE		104-042	239	G GRD	B24/B0	
1GRD	1CORE		104-042	244	G GRD	B24/B0	
1GRD	1CORE		104-042	246	G GRD	B24/B0	
1GRD	1CORE		104-042	300	G GRD	B24/B0	
1GRD	1CORE		104-042	312	G GRD	B24/B0	
1GRD	1CORE		104-042	324	G GRD	B24/B0	
1GRD	1CORE		104-042	332	G GRD	B24/B0	
1GRD	1CORE		104-042	335	G GRD	B24/B0	
1GRD	1CORE		104-042	344	G GRD	B24/B0	
1GRD	1CORE		104-042	356	G GRD	B24/B0	
1GRD	1CORE		104-042	400	G GRD	B24/B0	*
1GRD	1CORE		104-042	412	G GRD	B24/B0	
1GRD	1CORE		104-042	413	G GRD	B24/B0	*
1GRD	1CORE		104-042	432	G GRD	B24/B0	*
1GRD	1CORE		104-042	444	G GRD	B24/B0	
1GRD	1CORE		104-042	445	G GRD	B24/B0	*
1GRD	1CORE		104-042	456	G GRD	B24/B0	*
1GRD	1CORE		104-042	511	G GRD	B24/B0	*
1GRD	1CORE		104-042	512	G GRD	B24/B0	
1GRD	1CORE		104-042	524	G GRD	B24/B0	*
1GRD	1CORE		104-042	543	G GRD	B24/B0	*
1GRD	1CORE		104-042	544	G GRD	B24/B0	
1GRD	1CORE		104-042	556	G GRD	B24/B0	*
1GRD	1MEM1		104-050	035	I MBRDAD0	B25/B0	
1GRD	1MEM1		104-050	038	G GRD	B25/B0	
1GRD	1MEM1		104-050	039	G GRD	B25/B0	
1GRD	1MEM1		104-050	040	I MADIN00	B25/B0	
1GRD	1MEM1		104-050	041	I MADIN04	B25/B0	
1GRD	1MEM1		104-050	044	G GRD	B25/B0	
1GRD	1MEM1		104-050	045	G GRD	B25/B0	
1GRD	1MEM1		104-050	052	G GRD	B25/B0	*
1GRD	1MEM1		104-050	135	I MBRDAD1	B25/B0	
1GRD	1MEM1		104-050	140	I MADIN01	B25/B0	
1GRD	1MEM1		104-050	141	I MADIN05	B25/B0	
1GRD	1MEM1		104-050	144	G GRD	B25/B0	
1GRD	1MEM1		104-050	200	G GRD	B25/B0	
1GRD	1MEM1		104-050	212	G GRD	B25/B0	
1GRD	1MEM1		104-050	224	G GRD	B25/B0	
1GRD	1MEM1		104-050	232	G GRD	B25/B0	
1GRD	1MEM1		104-050	238	G GRD	B25/B0	
1GRD	1MEM1		104-050	239	G GRD	B25/B0	
1GRD	1MEM1		104-050	240	I MADIN02	B25/B0	
1GRD	1MEM1		104-050	241	I MADIN06	B25/B0	
1GRD	1MEM1		104-050	244	G GRD	B25/B0	
1GRD	1MEM1		104-050	245	G GRD	B25/B0	
1GRD	1MEM1		104-050	246	G GRD	B25/B0	
1GRD	1MEM1		104-050	300	G GRD	B25/B0	
1GRD	1MEM1		104-050	312	G GRD	B25/B0	
1GRD	1MEM1		104-050	324	G GRD	B25/B0	
1GRD	1MEM1		104-050	332	G GRD	B25/B0	
1GRD	1MEM1		104-050	340	I MADIN03	B25/B0	
1GRD	1MEM1		104-050	341	I MADIN07	B25/B0	
1GRD	1MEM1		104-050	344	G GRD	B25/B0	
1GRD	1MEM1		104-050	356	G GRD	B25/B0	
1GRD	104-054		104-054	032	G	B41/D5	*
1GRD	104-054		104-054	034	G	B41/D5	*
1CRD	104-054		104-054	036	G	B41/D5	*
1CRD	104-054		104-054	038	G	B41/D5	*
1GRD	104-054		104-054	040	G	B41/D5	*
1GRD	104-054		104-054	042	G	B41/D5	*
1CRD	104-054		104-054	045	G	B41/D5	*
1CRD	104-054		104-054	046	G	B41/D5	*
1CRD	104-054		104-054	047	G	B41/D5	*
1GRD	104-054		104-054	048	G	B41/D5	*
1GRD	104-054		104-054	049	G	B41/D5	*
1GRD	104-054		104-054	050	G	B41/D6	*
1GRD	104-054		104-054	051	G	B41/D6	*
1GRD	104-054		104-054	052	G	B41/D6	*

116		LEAD INDEX (CONTINUED)					
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT
1GRD	104-054		104-054	053	G	B41/D6	*
1GRD	104-054		104-054	054	G	B41/D6	*
1GRD	104-054		104-054	055	G	B41/D6	*
1GRD	104-054		104-054	056	G	B41/D6	*
1GRD	104-055		104-055	012	G	B41/D6	*
1GRD	104-055		104-055	044	G	B41/D6	*
1GRD	1E1B11		104-055R	033	G GRD	B38/B3	
1GRD	1E1B11		104-055R	035	G GRD	B38/B3	
1GRD	1E1B11		104-055R	037	G GRD	B38/B3	
1GRD	1E1B11		104-055R	039	G GRD	B38/B3	
1GRD	1E1B11		104-055R	041	G GRD	B38/B3	
1GRD	1E1B11		104-055R	043	G GRD	B38/B3	
1GRD	1MEM2		104-058	038	G GRD	B25/B5	
1GRD	1MEM2		104-058	039	G GRD	B25/B5	
1GRD	1MEM2		104-058	044	G GRD	B25/B5	
1GRD	1MEM2		104-058	045	G GRD	B25/B5	
1GRD	1MEM2		104-058	052	G GRD	B25/B5	
1GRD	1MEM2		104-058	135	I MBRDAD1	B25/B5	
1GRD	1MEM2		104-058	144	G GRD	B25/B5	
1GRD	1MEM2		104-058	200	G GRD	B25/B5	
1GRD	1MEM2		104-058	212	G GRD	B25/B5	
1GRD	1MEM2		104-058	224	G GRD	B25/B5	
1GRD	1MEM2		104-058	232	G GRD	B25/B5	
1GRD	1MEM2		104-058	238	G GRD	B25/B5	
1GRD	1MEM2		104-058	239	G GRD	B25/B5	
1GRD	1MEM2		104-058	244	G GRD	B25/B5	
1GRD	1MEM2		104-058	245	G GRD	B25/B5	
1GRD	1MEM2		104-058	246	G GRD	B25/B5	
1GRD	1MEM2		104-058	300	G GRD	B25/B5	
1GRD	1MEM2		104-058	312	G GRD	B25/B5	
1GRD	1MEM2		104-058	324	G GRD	B25/B5	
1GRD	1MEM2		104-058	332	G GRD	B25/B5	
1GRD	1MEM2		104-058	335	I MBRDAD3	B25/B5	
1GRD	1MEM2		104-058	344	G GRD	B25/B5	
1GRD	1MEM2		104-058	356	G GRD	B25/B5	
1GRD	1MEM3		104-064	035	I MBRDAD0	B26/E0	
1GRD	1MEM3		104-064	038	G GRD	B26/E0	
1GRD	1MEM3		104-064	039	G GRD	B26/E0	
1GRD	1MEM3		104-064	044	G GRD	B26/E0	
1GRD	1MEM3		104-064	045	G GRD	B26/E0	
1GRD	1MEM3		104-064	052	G GRD	B26/E0	
1GRD	1MEM3		104-064	144	G GRD	B26/E0	
1GRD	1MEM3		104-064	200	G GRD	B26/E0	
1GRD	1MEM3		104-064	212	G GRD	B26/E0	
1GRD	1MEM3		104-064	224	G GRD	B26/E0	
1GRD	1MEM3		104-064	232	G GRD	B26/E0	
1GRD	1MEM3		104-064	238	G GRD	B26/E0	
1GRD	1MEM3		104-064	239	G GRD	B26/E0	
1GRD	1MEM3		104-064	244	G GRD	B26/E0	
1GRD	1MEM3		104-064	245	G GRD	B26/E0	
1GRD	1MEM3		104-064	246	G GRD	B26/E0	
1GRD	1MEM3		104-064	300	G GRD	B26/E0	
1GRD	1MEM3		104-064	312	G GRD	B26/E0	
1GRD	1MEM3		104-064	324	G GRD	B26/E0	
1GRD	1MEM3		104-064	332	G GRD	B26/E0	
1GRD	1MEM3		104-064	335	I MBRDAD3	B26/E0	
1GRD	1MEM3		104-064	344	G GRD	B26/E0	
1GRD	1MEM3		104-064	356	G GRD	B26/E0	
1GRD	1MEM4		104-070	038	G GRD	B26/B5	
1GRD	1MEM4		104-070	039	G GRD	B26/B5	
1GRD	1MEM4		104-070	044	G GRD	B26/B5	
1GRD	1MEM4		104-070	045	G GRD	B26/B5	
1GRD	1MEM4		104-070	052	G GRD	B26/B5	
1GRD	1MEM4		104-070	144	G GRD	B26/B5	
1GRD	1MEM4		104-070	200	G GRD	B26/B5	
1GRD	1MEM4		104-070	212	G GRD	B26/B5	
1GRD	1MEM4		104-070	224	G GRD	B26/B5	
1GRD	1MEM4		104-070	232	G GRD	B26/B5	
1GRD	1MEM4		104-070	238	G GRD	B26/B5	
1GRD	1MEM4		104-070	239	G GRD	B26/B5	
1GRD	1MEM4		104-070	244	G GRD	B26/B5	
1GRD	1MEM4		104-070	245	G GRD	B26/B5	
1GRD	1MEM4		104-070	246	G GRD	B26/B5	
1GRD	1MEM4		104-070	300	G GRD	B26/B5	
1GRD	1MEM4		104-070	312	G GRD	B26/B5	
1GRD	1MEM4		104-070	324	G GRD	B26/B5	
1GRD	1MEM4		104-070	332	G GRD	B26/B5	
1GRD	1MEM4		104-070	335	I MBRDAD3	B26/B5	
1GRD	1MEM4		104-070	344	G GRD	B26/B5	
1GRD	1MEM4		104-070	356	G GRD	B26/B5	
1GRD	1MEM5		104-076	035	I MBRDAD0	B27/E0	
1GRD	1MEM5		104-076	038	G GRD	B27/E0	
1GRD	1MEM5		104-076	039	G GRD	B27/E0	
1GRD	1MEM5		104-076	044	G GRD	B27/E0	
1GRD	1MEM5		104-076	045	G GRD	B27/E0	
1GRD	1MEM5		104-076	052	G GRD	B27/E0	
1GRD	1MEM5		104-076	135	I MBRDAD1	B27/E0	
1GRD	1MEM5		104-076	144	G GRD	B27/E0	
1GRD	1MEM5		104-076	200	G GRD	B27/E0	
1GRD	1MEM5		104-076	212	G GRD	B27/E0	
1GRD	1MEM5		104-076	224	G GRD	B27/E0	
1GRD	1MEM5		104-076	232	G GRD	B27/E0	
1GRD	1MEM5		104-076	235	I MBRDAD2	B27/E0	
1GRD	1MEM5		104-076	238	G GRD	B27/E0	
1GRD	1MEM5		104-076	239	G GRD	B27/E0	

124 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT
1GRD	1DSC		104-168	206	G GRD	B36/B0	
1GRD	1DSC		104-168	212	G GRD	B36/B0	
1GRD	1DSC		104-168	218	G GRD	B36/B0	
1GRD	1DSC		104-168	224	G GRD	B36/B0	
1GRD	1DSC		104-168	232	G GRD	B36/B0	
1CRD	1DSC		104-168	241	G GRD	B36/B0	
1CRD	1DSC		104-168	250	G GRD	B36/B0	
1GRD	1DSC		104-168	252	O NINTON	B36/B0	*
1GRD	104-172		104-172	013	G	B42/G0	*
1GRD	104-172		104-172	017	G	B42/G1	*
1GRD	104-172		104-172	019	G	B42/G1	*
1GRD	104-172		104-172	023	G	B42/G1	*
1GRD	104-172		104-172	032	G	B42/G1	*
1GRD	104-172		104-172	036	G	B42/G1	*
1GRD	104-172		104-172	038	G	B42/G1	*
1GRD	104-172		104-172	042	G	B42/G1	*
1GRD	104-172		104-172	044	G	B42/G1	*
1GRD	104-172		104-172	045	G	B42/G1	*
1GRD	104-172		104-172	051	G	B42/G1	*
1GRD	104-173		104-173	013	G	B42/G1	*
1GRD	104-173		104-173	017	G	B42/G1	*
1GRD	104-173		104-173	019	G	B42/G2	*
1GRD	104-173		104-173	023	G	B42/G2	*
1GRD	104-173		104-173	032	G	B42/G2	*
1GRD	104-173		104-173	036	G	B42/G2	*
1GRD	104-173		104-173	038	G	B42/G2	*
1GRD	104-173		104-173	042	G	B42/G2	*
1GRD	104-173		104-173	044	G	B42/G2	*
1GRD	104-173		104-173	045	G	B42/G2	*
1GRD	104-173		104-173	051	G	B42/G2	*
1GRD	104-178		104-178	106	G	B42/G2	*
1GRD	104-178		104-178	112	G	B42/G2	*
1GRD	104-178		104-178	118	G	B42/G3	*
1GRD	104-178		104-178	124	G	B42/G3	*
1GRD	104-178		104-178	132	G	B42/G3	*
1GRD	104-178		104-178	141	G	B42/G3	*
1GRD	104-178		104-178	150	G	B42/G3	*
1GRD	104-178		104-178	206	G	B42/G3	*
1GRD	104-178		104-178	212	G	B42/G3	*
1GRD	104-178		104-178	218	G	B42/G3	*
1GRD	104-178		104-178	224	G	B42/G3	*
1GRD	104-178		104-178	232	G	B42/G3	*
1GRD	104-178		104-178	241	G	B42/G3	*
1GRD	104-178		104-178	250	G	B42/G3	*
1GRD	1MTSSWB		105-155R	109	G GRD	B35/B8	
1GRD	1OPTXMTA		105-156R	234	G GRD	B37/B1	
1GRD	1OPTXMTA		105-156R	240	G GRD	B37/B1	
1GRD	1OPTXMTA		105-156R	339	G GRD	B37/B1	
1GRD	1AFIBOPT		106-156R	234	G GRD	B37/B2	
1GRD	1OPTA		106-156R	234	G GRD	B37/B3	
1GRD	1AFIBOPT		106-156R	240	G GRD	B37/B2	
1GRD	1OPTA		106-156R	240	G GRD	B37/B3	
1GRD	1AFIBOPT		106-156R	252	G GRD	B37/B2	
1GRD	1OPTA		106-156R	252	G GRD	B37/B3	
1GRD	1AFIBOPT		106-156R	339	G GRD	B37/B2	
1GRD	1OPTA		106-156R	339	G GRD	B37/B3	
1GRD	1AFIBOPT		106-156R	348	G GRD	B37/B2	
1GRD	1OPTA		106-156R	348	G GRD	B37/B3	
1GRD	1AFIBOPT		106-156R	352	G GRD	B37/B2	
1GRD	1OPTA		106-156R	352	G GRD	B37/B3	
1GRD	1MTSSWA		107-155R	056	G GRD	B35/B7	
1GRD	1OPTRCVA		107-156R	252	G GRD	B37/B0	
1GRD	1OPTRCVA		107-156R	348	G GRD	B37/B0	
1GRD	1OPTRCVA		107-156R	352	G GRD	B37/B0	
1GRDLUG	101-012		101-012	3B0	G	B38/F5	*
1GRDLUG	EG10		101-012-3B0	1	G GRD1	B38/B5	
1GRDLUG	EG10		101-012-3B0	2	G GRD2	B38/B5	
1GRDLUG	EG10		101-012-3B0	3	G GRD3	B38/B5	
1GRDLUG	EG10		101-012-3B0	4	G GRD4	B38/B5	
1GRDLUG	101-034		101-034	1B0	G	B38/F6	*
1GRDLUG	EG11		101-034-1B0	1	G GRD1	B38/B6	
1GRDLUG	EG11		101-034-1B0	2	G GRD2	B38/B6	
1GRDLUG	EG11		101-034-1B0	3	G GRD3	B38/B6	
1GRDLUG	EG11		101-034-1B0	4	G GRD4	B38/B6	
1CRDLUG	101-058		101-058	3B0	G	B38/F6	*
1GRDLUG	EG12		101-058-3B0	1	G GRD1	B38/B6	
1GRDLUG	EG12		101-058-3B0	2	G GRD2	B38/B6	
1GRDLUG	EG12		101-058-3B0	3	G GRD3	B38/B6	
1GRDLUG	EG12		101-058-3B0	4	G GRD4	B38/B6	
1GRDLUG	101-076		101-076	3B0	G	B38/F7	*
1GRDLUG	EG13		101-076-3B0	1	G GRD1	B38/B7	
1GRDLUG	EG13		101-076-3B0	2	G GRD2	B38/B7	
1GRDLUG	EG13		101-076-3B0	3	G GRD3	B38/B7	
1GRDLUG	EG13		101-076-3B0	4	G GRD4	B38/B7	
1GRDLUG	101-102		101-102	1B0	G	B38/F8	*
1GRDLUG	EG15		101-102-1B0	1	G GRD1	B38/B8	
1GRDLUG	EG15		101-102-1B0	2	G GRD2	B38/B8	
1GRDLUG	EG15		101-102-1B0	3	G GRD3	B38/B8	
1GRDLUG	EG15		101-102-1B0	4	G GRD4	B38/B8	
1GRDLUG	101-104		101-104	1B0	G	B38/F7	*
1GRDLUG	EG14		101-104-1B0	1	G GRD1	B38/B7	
1GRDLUG	EG14		101-104-1B0	2	G GRD2	B38/B7	
1GRDLUG	EG14		101-104-1B0	3	G GRD3	B38/B7	
1GRDLUG	EG14		101-104-1B0	4	G GRD4	B38/B7	

125 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT
1GRDLUG	101-120		101-120	3B0	G	B38/F8	*
1GRDLUG	EG16		101-120-3B0	1	G GRD1	B38/B8	
1GRDLUG	EG16		101-120-3B0	2	G GRD2	B38/B8	
1GRDLUG	EG16		101-120-3B0	3	G GRD3	B38/B8	
1GRDLUG	EG16		101-120-3B0	4	G GRD4	B38/B8	
1CRDLUG	101-149		101-149	0B0	G	B38/F8	*
1GRDLUG	EG17		101-149-0B0	1	G GRD1	B38/B8	
1GRDLUG	EG17		101-149-0B0	2	G GRD2	B38/B8	
1GRDLUG	EG17		101-149-0B0	3	G GRD3	B38/B8	
1GRDLUG	EG17		101-149-0B0	4	G GRD4	B38/B8	
1GRDLUG	101-167		101-167	0B0	G	B38/F9	*
1GRDLUG	EG18		101-167-0B0	1	G GRD1	B38/B9	
1GRDLUG	EG18		101-167-0B0	2	G GRD2	B38/B9	
1GRDLUG	EG18		101-167-0B0	3	G GRD3	B38/B9	
1GRDLUG	EG18		101-167-0B0	4	G GRD4	B38/B9	
1ICACHDS	1CS2		104-034	052	O ICACHDS	B23/B0	
1ICACHDS	1CORE		104-042	052	I ICACHDS	B24/B0	
1IDLA0DI	1DI1		104-138	044	I IDLOOP0	B33/B0	
1IDLA0DI	1TSI-SP		104-144	149	O DIA10	B34/B1	
1IDLB0DI	1DI0		104-130	044	I IDLOOP0	B32/B0	
1IDLB0DI	1TSI-SP		104-144	049	O DIA10	B34/B1	
1IGCACHD	1CS2		104-034	250	O IGCACHD	B23/B0	
1IGCACHD	1CORE		104-042	250	I IGCACHD	B24/B0	
1IGPA021	104-116		104-116	009	O	B40/D1	*
1IGPA031	104-117		104-117	009	O	B40/E1	*
1IGPA041	104-116		104-116	010	O	B40/D1	*
1IGPA051	104-117		104-117	010	O	B40/E1	*
1IGPA061	104-116		104-116	011	O	B40/D1	*
1IGPA071	104-117		104-117	011	O	B40/E1	*
1IGPD001	104-117		104-117	024	IO	B40/F1	*
1IGPD011	104-117		104-117	023	IO	B40/F1	*
1IGPD021	104-117		104-117	022	IO	B40/F1	*
1IGPD031	104-117		104-117	021	IO	B40/F1	*
1IGPD041	104-117		104-117	020	IO	B40/F1	*
1IGPD051	104-117		104-117	019	IO	B40/F1	*
1IGPD061	104-117		104-117	018	IO	B40/F1	*
1IGPD071	104-117		104-117	017	IO	B40/E1	*
1IGPD7AO	104-117		104-117	016	I	B40/E1	*
1IGPIFRO	104-117		104-117	007	O	B40/E1	*
1IGPMDSO	104-116		104-116	007	I	B40/C1	*
1IGPNMIO	104-117		104-117	015	I	B40/E1	*
1IGPPAUO	104-117		104-117	014	I	B40/E1	*
1IGPRDYO	104-117		104-117	013	I	B40/E1	*
1IGTAR10	104-117		104-117	008	I	B40/E1	*
1IGTAR20	104-116		104-116	008	I	B40/C1	*
1INTACK	1CS2		104-034	353	I INTACK	B23/B0	
1INTACK	1CORE		104-042	353	O INTACK	B24/B0	
1INTLCK	1PWRCONV		104-012	012	IO INTLCK	B22/B0	
1INTLCK	1CS1		104-026	406	I INTLCK	B22/E1	
1IVAPH	1CS2		104-034	349	O IVAPH	B23/B0	
1IVAPH	1CORE		104-042	349	I IVAPH	B24/B0	
1IVAPL	1CS2		104-034	049	O IVAPL	B23/B0	
1IVAPL	1CORE		104-042	049	I IVAPL	B24/B0	
1IVAPMH	1CS2		104-034	249	O IVAPMH	B23/B0	
1IVAPMH	1CORE		104-042	249	I IVAPMH	B24/B0	
1IVAPML	1CS2		104-034	149	O IVAPML	B23/B0	
1IVAPML	1CORE		104-042	149	I IVAPML	B24/B0	
1IVBYSP	1CS2		104-034	050	O IVBYSP	B23/B0	
1IVBYSP	1CORE		104-042	050	I IVBYSP	B24/B0	
1IVDPH	1CS2		104-034	348	O IVDPH	B23/B0	
1IVDPH	1CORE		104-042	348	I IVDPH	B24/B0	

126		LEAD INDEX (CONTINUED)					
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT
1IVDPL	1CS2		104-034	048	O IVDPL	B23/E0	
1IVDPL	1CORE		104-042	048	I IVDPL	B24/E0	
1IVDPMH	1CS2		104-034	248	O IVDPMH	B23/E0	
1IVDPMH	1CORE		104-042	248	I IVDPMH	B24/E0	
1IVDPML	1CS2		104-034	148	O IVDPML	B23/E0	
1IVDPML	1CORE		104-042	148	I IVDPML	B24/E0	
1LAOPTMD	104-155		104-155	011	IO	B35/G4	*
1LAOPTMD	1DLI		104-156	245	O LAOPTMD	B35/E0	
1LAOPTMX	104-017		104-017	011	IO	B39/C1	*
1LAOPTMX	104-018		104-018	156	IO	B39/C2	*
1LA1PTMD	104-155		104-155	006	IO	B35/G4	*
1LA1PTMD	1DLI		104-156	244	O LA1PMTD	B35/E0	
1LA1PTMX	104-017		104-017	006	IO	B39/C1	*
1LA1PTMX	104-018		104-018	053	IO	B39/C2	*
1LARMTD	104-155		104-155	009	IO	B35/G4	*
1LARMTD	1DLI		104-156	246	O LARMTD	B35/E0	
1LARMTDX	104-017		104-017	009	IO	B39/C1	*
1LARMTDX	104-018		104-018	056	IO	B39/C2	*
1LB0PTMD	104-155		104-155	010	IO	B35/G4	*
1LB0PTMD	1DLI		104-156	243	O LB0PMTD	B35/E0	
1LB0PTMX	104-017		104-017	010	IO	B39/C1	*
1LB0PTMX	104-018		104-018	155	IO	B39/C2	*
1LB1PTMD	104-154		104-154	011	IO	B35/G4	*
1LB1PTMD	1DLI		104-156	242	O LB1PMTD	B35/E0	
1LB1PTMX	104-016		104-016	011	IO	B39/C1	*
1LB1PTMX	104-018		104-018	052	IO	B39/C2	*
1LBRMTD	104-155		104-155	008	IO	B35/G4	*
1LBRMTD	1DLI		104-156	241	O LBRMTD	B35/E0	
1LBRMTDX	104-017		104-017	008	IO	B39/C1	*
1LBRMTDX	104-018		104-018	055	IO	B39/C2	*
1LCKMTS	104-155		104-155	007	IO	B35/G4	*
1LCKMTS	1DLI		104-156	248	O LCKMTS	B35/E0	
1LCKMTSX	104-017		104-017	007	IO	B39/C1	*
1LCKMTSX	104-018		104-018	054	IO	B39/C2	*
1LDCACHE	1CS2		104-034	251	O LDCACHE	B23/E0	
1LDCACHE	1CORE		104-042	251	I LDCACHE	B24/E0	
1LIN	104-154		104-154	010		B35/G4	*
1LIN	1DLI		104-156	247	O LINT	B35/E0	
1LIN24	104-120		104-120	303	IO	B39/C5	*
1LIN30	104-120		104-120	309	IO	B39/C5	*
1LINX	104-016		104-016	010	IO	B39/C1	*
1LINX	104-018		104-018	046	IO	B39/C2	*
1LIP24	104-120		104-120	302	IO	B39/C5	*
1LIP30	104-120		104-120	308	IO	B39/C5	*
1LOCOP	1CS2		104-034	247	I LOCOP	B23/E0	
1LOCOP	1CORE		104-042	247	I LOCOP	B24/E0	
1LOCOP	1APPL1		104-088	053	O LOCOP	B28/E1	
1LVL40P	1CS2		104-034	043	O LVL40P	B23/E0	
1LVL40P	1CORE		104-042	043	I LVL40P	B24/E0	
1LVL4ACK	1CS2		104-034	053	I LVL4ACK	B23/E0	

127 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1LV4ACK	1CORE		104-042	053	O	LVL4ACK	B24/E0
1LV4MAT	1CS2		104-034	143	O	LVL4MAT	B23/E0
1LV4MAT	1CORE		104-042	143	I	LVL4MAT	B24/E0
1LV5INT	1CS1		104-026	543	O	LVL5INT	B22/E1
1LV5INT	1CORE		104-042	154	I	LVL5INT	B24/E0
1LV6INT	1CORE		104-042	254	I	LVL6INT	B24/E0
1LV6INT	1APPL1		104-088	054	O	LVL6INT	B28/E1
1LV7ACK	1CS1		104-026	151	I	LVL7ACK	B22/E1
1LV7ACK	1CS2		104-034	154	I	LVL7ACK	B23/E0
1LV7ACK	1CORE		104-042	253	O	LVL7ACK	B24/E0
1LV7INT	1CS1		104-026	152	O	LVL7INT	B22/E1
1LV7INT	1CORE		104-042	354	I	LVL7INT	B24/E0
1MAPER	1CS1		104-026	454	I	MAPER	B22/E1
1MAPER	1MEM1		104-050	254	IO	MAPER	B25/E0
1MAPER	1MEM2		104-058	254	IO	MAPER	B25/E5
1MAPER	1MEM3		104-064	254	IO	MAPER	B26/E0
1MAPER	1MEM4		104-070	254	IO	MAPER	B26/E5
1MAPER	1MEM5		104-076	254	IO	MAPER	B27/E0
1MAPER	1MEM6		104-082	254	IO	MAPER	B27/E5
1MAT8KIN	104-120		104-120	234	I		B39/C5 *
1MAT8KOT	104-120		104-120	235	O		B39/C5 *
1MATEOP	1CS2		104-034	347	I	MATEOP	B23/E0
1MATEOP	1CORE		104-042	347	I	MATEOP	B24/E0
1MATEOP	1APPL1		104-088	153	O	MATEOP	B28/E1
1MCFLY	1CS1		104-026	452	O	MCFLY	B22/E1
1MCFLY	1MEM1		104-050	252	I	MCFLY	B25/E0
1MCFLY	1MEM2		104-058	252	I	MCFLY	B25/E5
1MCFLY	1MEM3		104-064	252	I	MCFLY	B26/E0
1MCFLY	1MEM4		104-070	252	I	MCFLY	B26/E5
1MCFLY	1MEM5		104-076	252	I	MCFLY	B27/E0
1MCFLY	1MEM6		104-082	252	I	MCFLY	B27/E5
1MCYCLE	1CS1		104-026	438	I	MCYCLE	B22/E1
1MCYCLE	1CORE		104-042	042	O	MCYCO	B24/E0
1MEMSTST	1CS2		104-034	338	O	MEMSTST	B23/E0
1MEMSTST	1MEM1		104-050	338	I	MEMSTST	B25/E0
1MEMSTST	1MEM2		104-058	338	I	MEMSTST	B25/E5
1MEMSTST	1MEM3		104-064	338	I	MEMSTST	B26/E0
1MEMSTST	1MEM4		104-070	338	I	MEMSTST	B26/E5
1MEMSTST	1MEM5		104-076	338	I	MEMSTST	B27/E0
1MEMSTST	1MEM6		104-082	338	I	MEMSTST	B27/E5
1MENOUT	1DLI		104-156	255	O	MATENOUT	B35/E0 *
1MKCPINT	1CS1		104-026	542	I	MKCPINT	B22/E1
1MKCPINT	1CS2		104-034	449	O	MKCPINT	B23/E0
1MLTRDY	1CS1		104-026	551	I	MLTRDY	B22/E1
1MLTRDY	1CORE		104-042	152	O	MLTRDY	B24/E0
1MNOCKIN	104-120		104-120	236	I		B39/D5 *
1MNOCKOT	104-120		104-120	237	O		B39/D5 *
1MONINV	1CS1		104-026	436	I	MONINV	B22/E1
1MONINV	1CS2		104-034	546	O	MONINV	B23/E0
1MREFER	1CS1		104-026	453	I	MREFER	B22/E1
1MREFER	1MEM1		104-050	253	O	MREFER	B25/E0
1MREFER	1MEM2		104-058	253	O	MREFER	B25/E5
1MREFER	1MEM3		104-064	253	O	MREFER	B26/E0
1MREFER	1MEM4		104-070	253	O	MREFER	B26/E5
1MREFER	1MEM5		104-076	253	O	MREFER	B27/E0
1MREFER	1MEM6		104-082	253	O	MREFER	B27/E5
1MSAPER	1CS1		104-026	455	I	MSAPER	B22/E1
1MSAPER	1MEM1		104-050	133	O	MSAPER	B25/E0
1MSAPER	1MEM2		104-058	133	O	MSAPER	B25/E5
1MSAPER	1MEM3		104-064	133	O	MSAPER	B26/E0
1MSAPER	1MEM4		104-070	133	O	MSAPER	B26/E5
1MSAPER	1MEM5		104-076	133	O	MSAPER	B27/E0
1MSAPER	1MEM6		104-082	133	O	MSAPER	B27/E5
1NAE	1CS1		104-026	252	O	NAE	B22/E1
1NAE	1APPL1		104-088	424	IO	NC	B28/E1
1NAE	1CI0		104-096	113	I	NAE	B29/E0
1NAE	1CI1		104-104	113	I	NAE	B30/E0
1NAE	104-154		104-154	009	IO		B28/F7 *
1NAEX	104-016		104-016	009	IO		B39/C1 *
1NAEX	104-018		104-018	044	IO		B39/C2 *
1NCORBER	1CS1		104-026	554	I	NCORBER	B22/E1
1NCORBER	1MEM1		104-050	354	O	NCORBER	B25/E0

128 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1NCORBER	1MEM2		104-058	354	O	NCORBER	B25/E5
1NCORBER	1MEM3		104-064	354	O	NCORBER	B26/E0
1NCORBER	1MEM4		104-070	354	O	NCORBER	B26/E5
1NCORBER	1MEM5		104-076	354	O	NCORBER	B27/E0
1NCORBER	1MEM6		104-082	354	O	NCORBER	B27/E5
1NONINT	1CS2		104-034	346	O	NONINT	B23/E0
1NONINT	1CORE		104-042	346	I	NONINT	B24/E0
1OPRMODE	1CS2		104-034	343	I	OPRMODE	B23/E0
1OPRMODE	1CORE		104-042	343	O	OPRMODE	B24/E0
1P5V	1PWRCONV		104-012	045	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	046	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	047	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	048	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	049	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	050	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	051	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	052	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	053	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	054	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	055	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	056	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	118	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	145	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	146	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	147	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	148	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	149	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	150	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	151	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	152	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	153	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	154	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	155	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	156	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	245	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	246	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	247	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	248	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	249	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	250	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	251	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	252	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	253	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	254	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	255	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	256	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	345	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	346	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	347	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	348	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	349	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	350	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	351	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	352	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	353	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	354	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	355	P	P5V	B22/E0
1P5V	1PWRCONV		104-012	356	P	P5V	B22/E0
1P5V	104-018		104-018	000	P		B41/B0 *
1P5V	104-018		104-018	001	P		B41/B0 *
1P5V	104-018		104-018	100	P		B41/B0 *
1P5V	104-018		104-018	101	P		B41/B0 *
1P5V	104-018		104-018	412	P		B41/B1 *
1P5V	104-018		104-018	424	P		B41/B1 *
1P5V	104-018		104-018	444	P		B41/B1 *
1P5V	104-018		104-018	512	P		B41/B1 *
1P5V	104-018		104-018	532	P		B41/B1 *
1P5V	104-018		104-018	544	P		B41/B1 *
1P5V	1CS1		104-026	000	P	VCC	B22/E1
1P5V	1CS1		104-026	032	P	VCC	B22/E1
1P5V	1CS1		104-026	056	P	VCC	B22/E1
1P5V	1CS1		104-026	100	P	VCC	B22/E1
1P5V	1CS1		104-026	124	P	VCC	B22/E1
1P5V	1CS1		104-026	156	P	VCC	B22/E1
1P5V	1CS2		104-034	000	P	VCC	B23/E0
1P5V	1CS2		104-034	032	P	VCC	B23/E0
1P5V	1CS2		104-034	056	P	VCC	B23/E0
1P5V	1CS2		104-034	100	P	VCC	B23/E0
1P5V	1CS2		104-034	124	P	VCC	B23/E0
1P5V	1CS2		104-034	156	P	VCC	B23/E0
1P5V	1CS2		104-034	342	P	PVFP	B23/E0
1P5V	1CS2		104-034	442	P	PVCC	B23/E0
1P5V	1CORE		104-042	000	P	VCC	B24/E0
1P5V	1CORE		104-042	032	P	VCC	B24/E0
1P5V	1CORE		104-042	056	P	VCC	B24/E0
1P5V	1CORE		104-042	100	P	VCC	B24/E0
1P5V	1CORE		104-042	124	P	VCC	B24/E0
1P5V	1CORE		104-042	156	P	VCC	B24/E0
1P5V	1MEM1		104-050	000	P	VCC	B25/E0
1P5V	1MEM1		104-050	032	P	VCC	B25/E0
1P5V	1MEM1		104-050	056	P	VCC	B25/E0
1P5V	1MEM1		104-050	100	P	VCC	B25/E0

129		LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1P5V	1MEM1		104-050	124	P	VCC	B25/E0	
1P5V	1MEM1		104-050	156	P	VCC	B25/E0	
1P5V	104-054		104-054	012	P		B41/B1	*
1P5V	104-054		104-054	044	P		B41/B1	*
1P5V	1MEM2		104-058	000	P	VCC	B25/E5	
1P5V	1MEM2		104-058	032	P	VCC	B25/E5	
1P5V	1MEM2		104-058	056	P	VCC	B25/E5	
1P5V	1MEM2		104-058	100	P	VCC	B25/E5	
1P5V	1MEM2		104-058	124	P	VCC	B25/E5	
1P5V	1MEM2		104-058	156	P	VCC	B25/E5	
1P5V	1MEM3		104-064	000	P	VCC	B26/E0	
1P5V	1MEM3		104-064	032	P	VCC	B26/E0	
1P5V	1MEM3		104-064	056	P	VCC	B26/E0	
1P5V	1MEM3		104-064	100	P	VCC	B26/E0	
1P5V	1MEM3		104-064	124	P	VCC	B26/E0	
1P5V	1MEM3		104-064	156	P	VCC	B26/E0	
1P5V	1MEM4		104-070	000	P	VCC	B26/E5	
1P5V	1MEM4		104-070	032	P	VCC	B26/E5	
1P5V	1MEM4		104-070	056	P	VCC	B26/E5	
1P5V	1MEM4		104-070	100	P	VCC	B26/E5	
1P5V	1MEM4		104-070	124	P	VCC	B26/E5	
1P5V	1MEM4		104-070	156	P	VCC	B26/E5	
1P5V	1MEM5		104-076	000	P	VCC	B27/E0	
1P5V	1MEM5		104-076	032	P	VCC	B27/E0	
1P5V	1MEM5		104-076	056	P	VCC	B27/E0	
1P5V	1MEM5		104-076	100	P	VCC	B27/E0	
1P5V	1MEM5		104-076	124	P	VCC	B27/E0	
1P5V	1MEM5		104-076	156	P	VCC	B27/E0	
1P5V	1MEM6		104-082	000	P	VCC	B27/E5	
1P5V	1MEM6		104-082	032	P	VCC	B27/E5	
1P5V	1MEM6		104-082	056	P	VCC	B27/E5	
1P5V	1MEM6		104-082	100	P	VCC	B27/E5	
1P5V	1MEM6		104-082	124	P	VCC	B27/E5	
1P5V	1MEM6		104-082	156	P	VCC	B27/E5	
1P5V	1APPL1		104-088	000	P	VCC	B28/E1	
1P5V	1APPL1		104-088	032	P	VCC	B28/E1	
1P5V	1APPL1		104-088	056	P	VCC	B28/E1	
1P5V	1APPL1		104-088	100	P	VCC	B28/E1	
1P5V	1APPL1		104-088	124	P	VCC	B28/E1	
1P5V	1APPL1		104-088	156	P	VCC	B28/E1	
1P5V	1C10		104-096	000	P	+5	B29/E0	
1P5V	1C10		104-096	032	P	+5	B29/E0	
1P5V	1C10		104-096	100	P	+5	B29/E0	
1P5V	1C10		104-096	132	P	+5	B29/E0	
1P5V	1C11		104-104	000	P	+5	B30/E0	
1P5V	1C11		104-104	032	P	+5	B30/E0	
1P5V	1C11		104-104	100	P	+5	B30/E0	
1P5V	1C11		104-104	132	P	+5	B30/E0	
1P5V	1P1		104-112	000	P	+5	B31/E0	
1P5V	1P1		104-112	004	I	PPFGM0	B31/E0	
1P5V	1P1		104-112	005	I	PGMW1	B31/E0	
1P5V	1P1		104-112	010	I	PGMWCC1	B31/E0	
1P5V	1P1		104-112	032	P	+5	B31/E0	
1P5V	1P1		104-112	100	P	+5	B31/E0	
1P5V	1P1		104-112	132	P	+5	B31/E0	
1P5V	104-116		104-116	012	P		B41/B1	*
1P5V	104-116		104-116	044	P		B41/B1	*
1P5V	104-120		104-120	000	P		B41/B2	*
1P5V	104-120		104-120	004	P		B41/B2	*
1P5V	104-120		104-120	005	P		B41/B2	*
1P5V	104-120		104-120	010	P		B41/B2	*
1P5V	104-120		104-120	032	P		B41/B2	*
1P5V	104-120		104-120	100	P		B41/B2	*
1P5V	104-120		104-120	132	P		B41/B2	*
1P5V	104-120		104-120	412	P		B41/B2	*
1P5V	104-120		104-120	444	P		B41/B2	*
1P5V	1D10		104-130	000	P	VCC	B32/E0	
1P5V	1D10		104-130	024	P	VCC	B32/E0	
1P5V	1D10		104-130	032	P	VCC	B32/E0	
1P5V	1D10		104-130	056	P	VCC	B32/E0	
1P5V	1D10		104-130	100	P	VCC	B32/E0	
1P5V	1D10		104-130	124	P	VCC	B32/E0	
1P5V	1D10		104-130	132	P	VCC	B32/E0	
1P5V	1D10		104-130	156	P	VCC	B32/E0	
1P5V	1D11		104-138	000	P	VCC	B33/E0	

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130 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1P5V	1DI1	104-138	024	P	VCC	B33/B0	
1P5V	1DI1	104-138	032	P	VCC	B33/B0	
1P5V	1DI1	104-138	056	P	VCC	B33/B0	
1P5V	1DI1	104-138	100	P	VCC	B33/B0	
1P5V	1DI1	104-138	124	P	VCC	B33/B0	
1P5V	1DI1	104-138	132	P	VCC	B33/B0	
1P5V	1DI1	104-138	156	P	VCC	B33/B0	
1P5V	1TSTI-SP	104-144	000	P	P5V	B34/B1	
1P5V	1TSTI-SP	104-144	024	P	P5V	B34/B1	
1P5V	1TSTI-SP	104-144	032	P	P5V	B34/B1	
1P5V	1TSTI-SP	104-144	056	P	P5V	B34/B1	
1P5V	1TSTI-SP	104-144	100	P	P5V	B34/B1	
1P5V	1TSTI-SP	104-144	124	P	P5V	B34/B1	
1P5V	1TSTI-SP	104-144	132	P	P5V	B34/B1	
1P5V	1TSTI-SP	104-144	156	P	P5V	B34/B1	
1PBJUMP5	104-120	104-120	039	IO		B39/B5	*
1PBJUMP5	104-120	104-120	040	IO		B39/B5	*
1PBJUMP6	104-120	104-120	052	IO		B39/B5	*
1PBJUMP6	104-120	104-120	053	IO		B39/B5	*
1PBJUMP7	104-120	104-120	139	IO		B39/B5	*
1PBJUMP7	104-120	104-120	140	IO		B39/B5	*
1PBJUMP8	104-120	104-120	152	IO		B39/B5	*
1PBJUMP8	104-120	104-120	153	IO		B39/C5	*
1PREAFF	1CS1	104-026	354	I	PREAFF	B22/E1	
1PREAFF	1CS2	104-034	554	O	PREAFF	B23/E0	
1PSROM	1CS2	104-034	238	O	PSROM	B23/E0	
1PSROM	1CORE	104-042	338	I	PSROM	B24/E0	
1PUMPEN	1CS1	104-026	154	O	PUMPEN	B22/E1	
1PUMPEN	1APPL1	104-088	154	O	PUMPEN	B28/E1	
1RCV+	104-050	104-050	552	I		B38/B2	*
1RCV+	104-055	104-055	052	I		B38/B2	*
1RCV+	1EBIO	104-055R	052	I	RCV+	B38/E2	
1RCV-	104-050	104-050	551	I		B38/B2	*
1RCV-	104-055	104-055	051	I		B38/B2	*
1RCV-	1EBIO	104-055R	051	I	RCV-	B38/E2	
1RCVDA	1MEM1	104-050	054	IO	RCVDA	B25/E0	*
1RDCACHE	1CS2	104-034	051	O	RDCACHE	B23/E0	
1RDCACHE	1CORE	104-042	051	I	RDCACHE	B24/E0	
1RDWP	1CS2	104-034	045	O	RDWP	B23/E0	
1RDWP	1MEM1	104-050	048	I	RDWP	B25/E0	
1RDWP	1MEM2	104-058	048	I	RDWP	B25/E5	
1RDWP	1MEM3	104-064	048	I	RDWP	B26/E0	
1RDWP	1MEM4	104-070	048	I	RDWP	B26/E5	
1RDWP	1MEM5	104-076	048	I	RDWP	B27/E0	
1RDWP	1MEM6	104-082	048	I	RDWP	B27/E5	
1RDYTM	1CS1	104-026	439	O	RDYTM	B22/E1	
1RDYTM	1CORE	104-042	341	I	RDYTM	B24/E0	
1RESTART	1CS2	104-034	054	O	RESTART	B23/E0	
1RESTART	1CORE	104-042	054	I	RESTART	B24/E0	
1RRCV	104-120	104-120	307	IO		B39/C5	*
1RSM1	1CS1	104-026	548	I	RSM1	B22/E1	
1RSM1	104-033	104-033	011	IO		B22/B5	*
1RSM2	1CS1	104-026	352	I	RSM2	B22/E1	
1RSM2	104-033	104-033	020	IO		B22/B5	*
1RSMJMP1	104-032	104-032	011 (K_M)	IO		B40/B1	*
1RSMJMP1	104-033	104-033	011 (K_M)	IO		B40/B2	*
1RSMJMP2	104-032	104-032	020 (M)	IO		B40/B1	*
1RSMJMP2	104-033	104-033	020 (M)	IO		B40/B2	*
1RTSA	1MEM1	104-050	153	IO	RTSA	B25/E0	*
1RXMIT	104-120	104-120	304	IO		B39/C5	*
1S13MHZ	1CS1	104-026	256	O	NC	B22/E1	
1S13MHZ	1CS2	104-034	256	O	S13MHZ	B23/E0	
1S13MHZ	1CORE	104-042	256	O	NC	B24/E0	
1S13MHZ	1MEM1	104-050	256	I	S13MHZ	B25/E0	
1S13MHZ	1MEM2	104-058	256	I	S13MHZ	B25/E5	
1S13MHZ	1MEM3	104-064	256	I	S13MHZ	B26/E0	
1S13MHZ	1MEM4	104-070	256	I	S13MHZ	B26/E5	
1S13MHZ	1MEM5	104-076	256	I	S13MHZ	B27/E0	
1S13MHZ	1MEM6	104-082	256	I	S13MHZ	B27/E5	
1S13MHZ	1APPL1	104-088	256	I	S13MHZ	B28/E1	
1S16BYS0	1CS1	104-026	214	O	NC	B22/E1	
1S16BYS0	1CS2	104-034	214	I	S16BYS0	B23/E0	

131 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1S16BYS0	1CORE	104-042	214	IO	S16BYS0	B24/E0	
1S16BYS0	1MEM1	104-050	214	I	S16BYS0	B25/E0	
1S16BYS0	1MEM2	104-058	214	I	S16BYS0	B25/E5	
1S16BYS0	1MEM3	104-064	214	I	S16BYS0	B26/E0	
1S16BYS0	1MEM4	104-070	214	I	S16BYS0	B26/E5	
1S16BYS0	1MEM5	104-076	214	I	S16BYS0	B27/E0	
1S16BYS0	1MEM6	104-082	214	I	S16BYS0	B27/E5	
1S16BYS0	1APPL1	104-088	214	I	S16BYS0	B28/E1	
1S16BYS1	1CS1	104-026	314	O	NC	B22/E1	
1S16BYS1	1CS2	104-034	314	IO	S16BYS1	B23/E0	
1S16BYS1	1CORE	104-042	314	IO	S16BYS1	B24/E0	
1S16BYS1	1MEM1	104-050	314	I	S16BYS1	B25/E0	
1S16BYS1	1MEM2	104-058	314	I	S16BYS1	B25/E5	
1S16BYS1	1MEM3	104-064	314	I	S16BYS1	B26/E0	
1S16BYS1	1MEM4	104-070	314	I	S16BYS1	B26/E5	
1S16BYS1	1MEM5	104-076	314	I	S16BYS1	B27/E0	
1S16BYS1	1MEM6	104-082	314	I	S16BYS1	B27/E5	
1S16BYS1	1APPL1	104-088	314	I	S16BYS1	B28/E1	
1S16RDY	1CS1	104-026	113	O	NC	B22/E1	
1S16RDY	1CS2	104-034	113	I	S16RDY	B23/E0	
1S16RDY	1CORE	104-042	113	I	S16RDY	B24/E0	
1S16RDY	1MEM1	104-050	113	IO	S16RDY	B25/E0	
1S16RDY	1MEM2	104-058	113	IO	S16RDY	B25/E5	
1S16RDY	1MEM3	104-064	113	IO	S16RDY	B26/E0	
1S16RDY	1MEM4	104-070	113	IO	S16RDY	B26/E5	
1S16RDY	1MEM5	104-076	113	IO	S16RDY	B27/E0	
1S16RDY	1MEM6	104-082	113	IO	S16RDY	B27/E5	
1S16RDY	1APPL1	104-088	113	O	S16RDY	B28/E1	
1S32BYS0	1CS1	104-026	010	O	NC	B22/E1	
1S32BYS0	1CS2	104-034	010	IO	S32BYS0	B23/E0	
1S32BYS0	1CORE	104-042	010	IO	S32BYS0	B24/E0	
1S32BYS0	1MEM1	104-050	010	I	S32BYS0	B25/E0	
1S32BYS0	1MEM2	104-058	010	I	S32BYS0	B25/E5	
1S32BYS0	1MEM3	104-064	010	I	S32BYS0	B26/E0	
1S32BYS0	1MEM4	104-070	010	I	S32BYS0	B26/E5	
1S32BYS0	1MEM5	104-076	010	I	S32BYS0	B27/E0	
1S32BYS0	1MEM6	104-082	010	I	S32BYS0	B27/E5	
1S32BYS0	1APPL1	104-088	010	IO	S32BYS0	B28/E1	
1S32BYS1	1CS1	104-026	110	O	NC	B22/E1	
1S32BYS1	1CS2	104-034	110	IO	S32BYS1	B23/E0	
1S32BYS1	1CORE	104-042	110	IO	S32BYS1	B24/E0	
1S32BYS1	1MEM1	104-050	110	I	S32BYS1	B25/E0	
1S32BYS1	1MEM2	104-058	110	I	S32BYS1	B25/E5	
1S32BYS1	1MEM3	104-064	110	I	S32BYS1	B26/E0	
1S32BYS1	1MEM4	104-070	110	I	S32BYS1	B26/E5	
1S32BYS1	1MEM5	104-076	110	I	S32BYS1	B27/E0	
1S32BYS1	1MEM6	104-082	110	I	S32BYS1	B27/E5	
1S32BYS1	1APPL1	104-088	110	IO	S32BYS1	B28/E1	
1S32BYS2	1CS1	104-026	210	O	NC	B22/E1	
1S32BYS2	1CS2	104-034	210	I	S32BYS2	B23/E0	
1S32BYS2	1CORE	104-042	210	IO	S32BYS2	B24/E0	
1S32BYS2	1MEM1	104-050	210	I	S32BYS2	B25/E0	
1S32BYS2	1MEM2	104-058	210	I	S32BYS2	B25/E5	
1S32BYS2	1MEM3	104-064	210	I	S32BYS2	B26/E0	
1S32BYS2	1MEM4	104-070	210	I	S32BYS2	B26/E5	
1S32BYS2	1MEM5	104-076	210	I	S32BYS2	B27/E0	
1S32BYS2	1MEM6	104-082	210	I	S32BYS2	B27/E5	
1S32BYS2	1APPL1	104-088	210	IO	S32BYS2	B28/E1	
1S32BYS3	1CS1	104-026	310	O	NC	B22/E1	
1S32BYS3	1CS2	104-034	310	I	S32BYS3	B23/E0	
1S32BYS3	1CORE	104-042	310	IO	S32BYS3	B24/E0	
1S32BYS3	1MEM1	104-050	310	I	S32BYS3	B25/E0	
1S32BYS3	1MEM2	104-058	310	I	S32BYS3	B25/E5	
1S32BYS3	1MEM3	104-064	310	I	S32BYS3	B26/E0	
1S32BYS3	1MEM4	104-070	310	I	S32BYS3	B26/E5	
1S32BYS3	1MEM5	104-076	310	I	S32BYS3	B27/E0	
1S32BYS3	1MEM6	104-082	310	I	S32BYS3	B27/E5	
1S32BYS3	1APPL1	104-088	310	IO	S32BYS3	B28/E1	
1S32RDY	1CS1	104-026	213	O	NC	B22/E1	
1S32RDY	1CS2	104-034	213	I	S32RDY	B23/E0	
1S32RDY	1CORE	104-042	213	I	S32RDY	B24/E0	
1S32RDY	1MEM1	104-050	213	O	S32RDY	B25/E0	
1S32RDY	1MEM2	104-058	213	O	S32RDY	B25/E5	
1S32RDY	1MEM3	104-064	213	O	S32RDY	B26/E0	
1S32RDY	1MEM4	104-070	213	O	S32RDY	B26/E5	
1S32RDY	1MEM5	104-076	213	O	S32RDY	B27/E0	
1S32RDY	1MEM6	104-082	213	O	S32RDY	B27/E5	
1S32RDY	1APPL1	104-088	213	O	S32RDY	B28/E1	
1S36MHZ	1CS1	104-026	132	I	S36MHZ	B22/E1	
1S36MHZ	1CS2	104-034	132	O	S36MHZ	B23/E0	
1S36MHZ	1CORE	104-042	132	O	NC	B24/E0	
1S36MHZ	1MEM1	104-050	132	I	S36MHZ	B25/E0	
1S36MHZ	1MEM2	104-058	132	I	S36MHZ	B25/E5	
1S36MHZ	1MEM3	104-064	132	I	S36MHZ	B26/E0	
1S36MHZ	1MEM4	104-070	132	I	S36MHZ	B26/E5	
1S36MHZ	1MEM5	104-076	132	I	S36MHZ	B27/E0	
1S36MHZ	1MEM6	104-082	132	I	S36MHZ	B27/E5	

132		LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1S36MHZ	1APPL1		104-088	132	I	S36MHZ	B28/E1	
1S8RDY	1CS1		104-026	013	O	S8RDY	B22/E1	
1S8RDY	1CS2		104-034	013	I	S8RDY	B23/E0	
1S8RDY	1CORE		104-042	013	I	S8RDY	B24/E0	
1S8RDY	1MEM1		104-050	013	O	S8RDY	B25/E0	
1S8RDY	1MEM2		104-058	013	O	S8RDY	B25/E5	
1S8RDY	1MEM3		104-064	013	O	S8RDY	B26/E0	
1S8RDY	1MEM4		104-070	013	O	S8RDY	B26/E5	
1S8RDY	1MEM5		104-076	013	O	S8RDY	B27/E0	
1S8RDY	1MEM6		104-082	013	O	S8RDY	B27/E5	
1S8RDY	1APPL1		104-088	013	O	S8RDY	B28/E1	
1SADD00	1CS1		104-026	002	I	SADD00	B22/E1	
1SADD00	1CS2		104-034	002	I	SADD00	B23/E0	
1SADD00	1CORE		104-042	002	IO	SADD00	B24/E0	
1SADD00	1MEM1		104-050	002	I	SADD00	B25/E0	
1SADD00	1MEM2		104-058	002	I	SADD00	B25/E5	
1SADD00	1MEM3		104-064	002	I	SADD00	B26/E0	
1SADD00	1MEM4		104-070	002	I	SADD00	B26/E5	
1SADD00	1MEM5		104-076	002	I	SADD00	B27/E0	
1SADD00	1MEM6		104-082	002	I	SADD00	B27/E5	
1SADD00	1APPL1		104-088	002	IO	SADD00	B28/E1	
1SADD01	1CS1		104-026	102	I	SADD01	B22/E1	
1SADD01	1CS2		104-034	102	I	SADD01	B23/E0	
1SADD01	1CORE		104-042	102	IO	SADD01	B24/E0	
1SADD01	1MEM1		104-050	102	I	SADD01	B25/E0	
1SADD01	1MEM2		104-058	102	I	SADD01	B25/E5	
1SADD01	1MEM3		104-064	102	I	SADD01	B26/E0	
1SADD01	1MEM4		104-070	102	I	SADD01	B26/E5	
1SADD01	1MEM5		104-076	102	I	SADD01	B27/E0	
1SADD01	1MEM6		104-082	102	I	SADD01	B27/E5	
1SADD01	1APPL1		104-088	102	IO	SADD01	B28/E1	
1SADD02	1CS1		104-026	202	I	SADD02	B22/E1	
1SADD02	1CS2		104-034	202	I	SADD02	B23/E0	
1SADD02	1CORE		104-042	202	IO	SADD02	B24/E0	
1SADD02	1MEM1		104-050	202	IO	SADD02	B25/E0	
1SADD02	1MEM2		104-058	202	I	SADD02	B25/E5	
1SADD02	1MEM3		104-064	202	I	SADD02	B26/E0	
1SADD02	1MEM4		104-070	202	I	SADD02	B26/E5	
1SADD02	1MEM5		104-076	202	I	SADD02	B27/E0	
1SADD02	1MEM6		104-082	202	I	SADD02	B27/E5	
1SADD02	1APPL1		104-088	202	IO	SADD02	B28/E1	
1SADD03	1CS1		104-026	302	I	SADD03	B22/E1	
1SADD03	1CS2		104-034	302	I	SADD03	B23/E0	
1SADD03	1CORE		104-042	302	IO	SADD03	B24/E0	
1SADD03	1MEM1		104-050	302	I	SADD03	B25/E0	
1SADD03	1MEM2		104-058	302	I	SADD03	B25/E5	
1SADD03	1MEM3		104-064	302	I	SADD03	B26/E0	
1SADD03	1MEM4		104-070	302	I	SADD03	B26/E5	
1SADD03	1MEM5		104-076	302	I	SADD03	B27/E0	
1SADD03	1MEM6		104-082	302	I	SADD03	B27/E5	
1SADD03	1APPL1		104-088	302	IO	SADD03	B28/E1	
1SADD04	1CS1		104-026	003	I	SADD04	B22/E1	
1SADD04	1CS2		104-034	003	I	SADD04	B23/E0	
1SADD04	1CORE		104-042	003	IO	SADD04	B24/E0	
1SADD04	1MEM1		104-050	003	I	SADD04	B25/E0	
1SADD04	1MEM2		104-058	003	I	SADD04	B25/E5	
1SADD04	1MEM3		104-064	003	I	SADD04	B26/E0	
1SADD04	1MEM4		104-070	003	I	SADD04	B26/E5	
1SADD04	1MEM5		104-076	003	I	SADD04	B27/E0	
1SADD04	1MEM6		104-082	003	I	SADD04	B27/E5	
1SADD04	1APPL1		104-088	003	IO	SADD04	B28/E1	
1SADD05	1CS1		104-026	103	I	SADD05	B22/E1	
1SADD05	1CS2		104-034	103	I	SADD05	B23/E0	
1SADD05	1CORE		104-042	103	IO	SADD05	B24/E0	
1SADD05	1MEM1		104-050	103	I	SADD05	B25/E0	
1SADD05	1MEM2		104-058	103	I	SADD05	B25/E5	
1SADD05	1MEM3		104-064	103	I	SADD05	B26/E0	
1SADD05	1MEM4		104-070	103	I	SADD05	B26/E5	

133	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1SADD05	1MEM5	104-076		103	I	SADD05	B27/E0	
1SADD05	1MEM6	104-082		103	I	SADD05	B27/E5	
1SADD05	1APPL1	104-088		103	IO	SADD05	B28/E1	
1SADD06	1CS1	104-026		203	I	SADD06	B22/E1	
1SADD06	1CS2	104-034		203	I	SADD06	B23/E0	
1SADD06	1CORE	104-042		203	IO	SADD06	B24/E0	
1SADD06	1MEM1	104-050		203	I	SADD06	B25/E0	
1SADD06	1MEM2	104-058		203	I	SADD06	B25/E5	
1SADD06	1MEM3	104-064		203	I	SADD06	B26/E0	
1SADD06	1MEM4	104-070		203	I	SADD06	B26/E5	
1SADD06	1MEM5	104-076		203	I	SADD06	B27/E0	
1SADD06	1MEM6	104-082		203	I	SADD06	B27/E5	
1SADD06	1APPL1	104-088		203	IO	SADD06	B28/E1	
1SADD07	1CS1	104-026		303	I	SADD07	B22/E1	
1SADD07	1CS2	104-034		303	I	SADD07	B23/E0	
1SADD07	1CORE	104-042		303	IO	SADD07	B24/E0	
1SADD07	1MEM1	104-050		303	I	SADD07	B25/E0	
1SADD07	1MEM2	104-058		303	I	SADD07	B25/E5	
1SADD07	1MEM3	104-064		303	I	SADD07	B26/E0	
1SADD07	1MEM4	104-070		303	I	SADD07	B26/E5	
1SADD07	1MEM5	104-076		303	I	SADD07	B27/E0	
1SADD07	1MEM6	104-082		303	I	SADD07	B27/E5	
1SADD07	1APPL1	104-088		303	IO	SADD07	B28/E1	
1SADD08	1CS1	104-026		004	I	SADD08	B22/E1	
1SADD08	1CS2	104-034		004	I	SADD08	B23/E0	
1SADD08	1CORE	104-042		004	IO	SADD08	B24/E0	
1SADD08	1MEM1	104-050		004	I	SADD08	B25/E0	
1SADD08	1MEM2	104-058		004	I	SADD08	B25/E5	
1SADD08	1MEM3	104-064		004	I	SADD08	B26/E0	
1SADD08	1MEM4	104-070		004	I	SADD08	B26/E5	
1SADD08	1MEM5	104-076		004	I	SADD08	B27/E0	
1SADD08	1MEM6	104-082		004	I	SADD08	B27/E5	
1SADD08	1APPL1	104-088		004	IO	SADD08	B28/E1	
1SADD09	1CS1	104-026		104	I	SADD09	B22/E1	
1SADD09	1CS2	104-034		104	I	SADD09	B23/E0	
1SADD09	1CORE	104-042		104	IO	SADD09	B24/E0	
1SADD09	1MEM1	104-050		104	I	SADD09	B25/E0	
1SADD09	1MEM2	104-058		104	I	SADD09	B25/E5	
1SADD09	1MEM3	104-064		104	I	SADD09	B26/E0	
1SADD09	1MEM4	104-070		104	I	SADD09	B26/E5	
1SADD09	1MEM5	104-076		104	I	SADD09	B27/E0	
1SADD09	1MEM6	104-082		104	I	SADD09	B27/E5	
1SADD09	1APPL1	104-088		104	IO	SADD09	B28/E1	
1SADD10	1CS1	104-026		204	I	SADD10	B22/E1	
1SADD10	1CS2	104-034		204	I	SADD10	B23/E0	
1SADD10	1CORE	104-042		204	IO	SADD10	B24/E0	
1SADD10	1MEM1	104-050		204	I	SADD10	B25/E0	
1SADD10	1MEM2	104-058		204	I	SADD10	B25/E5	
1SADD10	1MEM3	104-064		204	I	SADD10	B26/E0	
1SADD10	1MEM4	104-070		204	I	SADD10	B26/E5	
1SADD10	1MEM5	104-076		204	I	SADD10	B27/E0	
1SADD10	1MEM6	104-082		204	I	SADD10	B27/E5	
1SADD10	1APPL1	104-088		204	IO	SADD10	B28/E1	
1SADD11	1CS1	104-026		304	I	SADD11	B22/E1	
1SADD11	1CS2	104-034		304	I	SADD11	B23/E0	
1SADD11	1CORE	104-042		304	IO	SADD11	B24/E0	
1SADD11	1MEM1	104-050		304	I	SADD11	B25/E0	
1SADD11	1MEM2	104-058		304	I	SADD11	B25/E5	
1SADD11	1MEM3	104-064		304	I	SADD11	B26/E0	
1SADD11	1MEM4	104-070		304	I	SADD11	B26/E5	
1SADD11	1MEM5	104-076		304	I	SADD11	B27/E0	
1SADD11	1MEM6	104-082		304	I	SADD11	B27/E5	
1SADD11	1APPL1	104-088		304	IO	SADD11	B28/E1	
1SADD12	1CS1	104-026		005	I	SADD12	B22/E1	
1SADD12	1CS2	104-034		005	I	SADD12	B23/E0	
1SADD12	1CORE	104-042		005	IO	SADD12	B24/E0	
1SADD12	1MEM1	104-050		005	I	SADD12	B25/E0	
1SADD12	1MEM2	104-058		005	I	SADD12	B25/E5	
1SADD12	1MEM3	104-064		005	I	SADD12	B26/E0	
1SADD12	1MEM4	104-070		005	I	SADD12	B26/E5	
1SADD12	1MEM5	104-076		005	I	SADD12	B27/E0	
1SADD12	1MEM6	104-082		005	I	SADD12	B27/E5	
1SADD12	1APPL1	104-088		005	IO	SADD12	B28/E1	
1SADD13	1CS1	104-026		105	I	SADD13	B22/E1	
1SADD13	1CS2	104-034		105	I	SADD13	B23/E0	
1SADD13	1CORE	104-042		105	IO	SADD13	B24/E0	
1SADD13	1MEM1	104-050		105	I	SADD13	B25/E0	
1SADD13	1MEM2	104-058		105	I	SADD13	B25/E5	
1SADD13	1MEM3	104-064		105	I	SADD13	B26/E0	
1SADD13	1MEM4	104-070		105	I	SADD13	B26/E5	
1SADD13	1MEM5	104-076		105	I	SADD13	B27/E0	
1SADD13	1MEM6	104-082		105	I	SADD13	B27/E5	
1SADD13	1APPL1	104-088		105	IO	SADD13	B28/E1	
1SADD14	1CS1	104-026		205	I	SADD14	B22/E1	
1SADD14	1CS2	104-034		205	I	SADD14	B23/E0	
1SADD14	1CORE	104-042		205	IO	SADD14	B24/E0	

134	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1SADD14	1MEM1		104-050	205	I	SADD14	B25/E0	
1SADD14	1MEM2		104-058	205	I	SADD14	B25/E5	
1SADD14	1MEM3		104-064	205	I	SADD14	B26/E0	
1SADD14	1MEM4		104-070	205	I	SADD14	B26/E5	
1SADD14	1MEM5		104-076	205	I	SADD14	B27/E0	
1SADD14	1MEM6		104-082	205	I	SADD14	B27/E5	
1SADD14	1APPL1		104-088	205	IO	SADD14	B28/E1	
1SADD15	1CS1		104-026	305	I	SADD15	B22/E1	
1SADD15	1CS2		104-034	305	I	SADD15	B23/E0	
1SADD15	1CORE		104-042	305	IO	SADD15	B24/E0	
1SADD15	1MEM1		104-050	305	I	SADD15	B25/E0	
1SADD15	1MEM2		104-058	305	I	SADD15	B25/E5	
1SADD15	1MEM3		104-064	305	I	SADD15	B26/E0	
1SADD15	1MEM4		104-070	305	I	SADD15	B26/E5	
1SADD15	1MEM5		104-076	305	I	SADD15	B27/E0	
1SADD15	1MEM6		104-082	305	I	SADD15	B27/E5	
1SADD15	1APPL1		104-088	305	IO	SADD15	B28/E1	
1SADD16	1CS1		104-026	006	I	SADD16	B22/E1	
1SADD16	1CS2		104-034	006	I	SADD16	B23/E0	
1SADD16	1CORE		104-042	006	IO	SADD16	B24/E0	
1SADD16	1MEM1		104-050	006	I	SADD16	B25/E0	
1SADD16	1MEM2		104-058	006	I	SADD16	B25/E5	
1SADD16	1MEM3		104-064	006	I	SADD16	B26/E0	
1SADD16	1MEM4		104-070	006	I	SADD16	B26/E5	
1SADD16	1MEM5		104-076	006	I	SADD16	B27/E0	
1SADD16	1MEM6		104-082	006	I	SADD16	B27/E5	
1SADD16	1APPL1		104-088	006	O	SADD16	B28/E1	
1SADD17	1CS1		104-026	106	I	SADD17	B22/E1	
1SADD17	1CS2		104-034	106	I	SADD17	B23/E0	
1SADD17	1CORE		104-042	106	IO	SADD17	B24/E0	
1SADD17	1MEM1		104-050	106	I	SADD17	B25/E0	
1SADD17	1MEM2		104-058	106	I	SADD17	B25/E5	
1SADD17	1MEM3		104-064	106	I	SADD17	B26/E0	
1SADD17	1MEM4		104-070	106	I	SADD17	B26/E5	
1SADD17	1MEM5		104-076	106	I	SADD17	B27/E0	
1SADD17	1MEM6		104-082	106	I	SADD17	B27/E5	
1SADD17	1APPL1		104-088	106	O	SADD17	B28/E1	
1SADD18	1CS1		104-026	206	I	SADD18	B22/E1	
1SADD18	1CS2		104-034	206	I	SADD18	B23/E0	
1SADD18	1CORE		104-042	206	IO	SADD18	B24/E0	
1SADD18	1MEM1		104-050	206	I	SADD18	B25/E0	
1SADD18	1MEM2		104-058	206	I	SADD18	B25/E5	
1SADD18	1MEM3		104-064	206	I	SADD18	B26/E0	
1SADD18	1MEM4		104-070	206	I	SADD18	B26/E5	
1SADD18	1MEM5		104-076	206	I	SADD18	B27/E0	
1SADD18	1MEM6		104-082	206	I	SADD18	B27/E5	
1SADD18	1APPL1		104-088	206	O	SADD18	B28/E1	
1SADD19	1CS1		104-026	306	I	SADD19	B22/E1	
1SADD19	1CS2		104-034	306	I	SADD19	B23/E0	
1SADD19	1CORE		104-042	306	IO	SADD19	B24/E0	
1SADD19	1MEM1		104-050	306	I	SADD19	B25/E0	
1SADD19	1MEM2		104-058	306	I	SADD19	B25/E5	
1SADD19	1MEM3		104-064	306	I	SADD19	B26/E0	
1SADD19	1MEM4		104-070	306	I	SADD19	B26/E5	
1SADD19	1MEM5		104-076	306	I	SADD19	B27/E0	
1SADD19	1MEM6		104-082	306	I	SADD19	B27/E5	
1SADD19	1APPL1		104-088	306	O	SADD19	B28/E1	
1SADD20	1CS1		104-026	007	I	SADD20	B22/E1	
1SADD20	1CS2		104-034	007	I	SADD20	B23/E0	
1SADD20	1CORE		104-042	007	IO	SADD20	B24/E0	
1SADD20	1MEM1		104-050	007	I	SADD20	B25/E0	
1SADD20	1MEM2		104-058	007	I	SADD20	B25/E5	
1SADD20	1MEM3		104-064	007	I	SADD20	B26/E0	
1SADD20	1MEM4		104-070	007	I	SADD20	B26/E5	
1SADD20	1MEM5		104-076	007	I	SADD20	B27/E0	
1SADD20	1MEM6		104-082	007	I	SADD20	B27/E5	
1SADD20	1APPL1		104-088	007	O	SADD20	B28/E1	
1SADD21	1CS1		104-026	107	I	SADD21	B22/E1	
1SADD21	1CS2		104-034	107	I	SADD21	B23/E0	
1SADD21	1CORE		104-042	107	IO	SADD21	B24/E0	
1SADD21	1MEM1		104-050	107	I	SADD21	B25/E0	
1SADD21	1MEM2		104-058	107	I	SADD21	B25/E5	
1SADD21	1MEM3		104-064	107	I	SADD21	B26/E0	
1SADD21	1MEM4		104-070	107	I	SADD21	B26/E5	
1SADD21	1MEM5		104-076	107	I	SADD21	B27/E0	
1SADD21	1MEM6		104-082	107	I	SADD21	B27/E5	
1SADD21	1APPL1		104-088	107	O	SADD21	B28/E1	
1SADD22	1CS1		104-026	207	I	SADD22	B22/E1	
1SADD22	1CS2		104-034	207	I	SADD22	B23/E0	
1SADD22	1CORE		104-042	207	IO	SADD22	B24/E0	
1SADD22	1MEM1		104-050	207	I	SADD22	B25/E0	
1SADD22	1MEM2		104-058	207	I	SADD22	B25/E5	
1SADD22	1MEM3		104-064	207	I	SADD22	B26/E0	
1SADD22	1MEM4		104-070	207	I	SADD22	B26/E5	
1SADD22	1MEM5		104-076	207	I	SADD22	B27/E0	
1SADD22	1MEM6		104-082	207	I	SADD22	B27/E5	
1SADD22	1APPL1		104-088	207	O	SADD22	B28/E1	

135		LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1SADD23	1CS1		104-026	307	I	SADD23	B22/E1	
1SADD23	1CS2		104-034	307	I	SADD23	B23/E0	
1SADD23	1CORE		104-042	307	IO	SADD23	B24/E0	
1SADD23	1MEM1		104-050	307	I	SADD23	B25/E0	
1SADD23	1MEM2		104-058	307	I	SADD23	B25/E5	
1SADD23	1MEM3		104-064	307	I	SADD23	B26/E0	
1SADD23	1MEM4		104-070	307	I	SADD23	B26/E5	
1SADD23	1MEM5		104-076	307	I	SADD23	B27/E0	
1SADD23	1MEM6		104-082	307	I	SADD23	B27/E5	
1SADD23	1APPL1		104-088	307	O	SADD23	B28/E1	
1SADD24	1CS1		104-026	008	I	SADD24	B22/E1	
1SADD24	1CS2		104-034	008	I	SADD24	B23/E0	
1SADD24	1CORE		104-042	008	IO	SADD24	B24/E0	
1SADD24	1MEM1		104-050	008	I	SADD24	B25/E0	
1SADD24	1MEM2		104-058	008	I	SADD24	B25/E5	
1SADD24	1MEM3		104-064	008	I	SADD24	B26/E0	
1SADD24	1MEM4		104-070	008	I	SADD24	B26/E5	
1SADD24	1MEM5		104-076	008	I	SADD24	B27/E0	
1SADD24	1MEM6		104-082	008	I	SADD24	B27/E5	
1SADD24	1APPL1		104-088	008	O	SADD24	B28/E1	
1SADD25	1CS1		104-026	108	I	SADD25	B22/E1	
1SADD25	1CS2		104-034	108	I	SADD25	B23/E0	
1SADD25	1CORE		104-042	108	IO	SADD25	B24/E0	
1SADD25	1MEM1		104-050	108	I	SADD25	B25/E0	
1SADD25	1MEM2		104-058	108	I	SADD25	B25/E5	
1SADD25	1MEM3		104-064	108	I	SADD25	B26/E0	
1SADD25	1MEM4		104-070	108	I	SADD25	B26/E5	
1SADD25	1MEM5		104-076	108	I	SADD25	B27/E0	
1SADD25	1MEM6		104-082	108	I	SADD25	B27/E5	
1SADD25	1APPL1		104-088	108	O	SADD25	B28/E1	
1SADD26	1CS1		104-026	208	I	SADD26	B22/E1	
1SADD26	1CS2		104-034	208	I	SADD26	B23/E0	
1SADD26	1CORE		104-042	208	IO	SADD26	B24/E0	
1SADD26	1MEM1		104-050	208	I	SADD26	B25/E0	
1SADD26	1MEM2		104-058	208	I	SADD26	B25/E5	
1SADD26	1MEM3		104-064	208	I	SADD26	B26/E0	
1SADD26	1MEM4		104-070	208	I	SADD26	B26/E5	
1SADD26	1MEM5		104-076	208	I	SADD26	B27/E0	
1SADD26	1MEM6		104-082	208	I	SADD26	B27/E5	
1SADD26	1APPL1		104-088	208	O	SADD26	B28/E1	
1SADD27	1CS1		104-026	308	I	SADD27	B22/E1	
1SADD27	1CS2		104-034	308	I	SADD27	B23/E0	
1SADD27	1CORE		104-042	308	IO	SADD27	B24/E0	
1SADD27	1MEM1		104-050	308	I	SADD27	B25/E0	
1SADD27	1MEM2		104-058	308	I	SADD27	B25/E5	
1SADD27	1MEM3		104-064	308	I	SADD27	B26/E0	
1SADD27	1MEM4		104-070	308	I	SADD27	B26/E5	
1SADD27	1MEM5		104-076	308	I	SADD27	B27/E0	
1SADD27	1MEM6		104-082	308	I	SADD27	B27/E5	
1SADD27	1APPL1		104-088	308	O	SADD27	B28/E1	
1SADD28	1CS1		104-026	009	I	SADD28	B22/E1	
1SADD28	1CS2		104-034	009	I	SADD28	B23/E0	
1SADD28	1CORE		104-042	009	IO	SADD28	B24/E0	
1SADD28	1MEM1		104-050	009	I	SADD28	B25/E0	
1SADD28	1MEM2		104-058	009	I	SADD28	B25/E5	
1SADD28	1MEM3		104-064	009	I	SADD28	B26/E0	
1SADD28	1MEM4		104-070	009	I	SADD28	B26/E5	
1SADD28	1MEM5		104-076	009	I	SADD28	B27/E0	
1SADD28	1MEM6		104-082	009	I	SADD28	B27/E5	
1SADD28	1APPL1		104-088	009	O	SADD28	B28/E1	
1SADD29	1CS1		104-026	109	I	SADD29	B22/E1	
1SADD29	1CS2		104-034	109	I	SADD29	B23/E0	
1SADD29	1CORE		104-042	109	IO	SADD29	B24/E0	
1SADD29	1MEM1		104-050	109	I	SADD29	B25/E0	
1SADD29	1MEM2		104-058	109	I	SADD29	B25/E5	
1SADD29	1MEM3		104-064	109	I	SADD29	B26/E0	
1SADD29	1MEM4		104-070	109	I	SADD29	B26/E5	
1SADD29	1MEM5		104-076	109	I	SADD29	B27/E0	
1SADD29	1MEM6		104-082	109	I	SADD29	B27/E5	

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE	ISSUE
C2	17B

AT&T

SD-5D151-01

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LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1SADD29	1APPL1		104-088	109	O	SADD29	B28/E1
1SADD30	1CS1		104-026	209	I	SADD30	B22/E1
1SADD30	1CS2		104-034	209	I	SADD30	B23/E0
1SADD30	1CORE		104-042	209	IO	SADD30	B24/E0
1SADD30	1MEM1		104-050	209	I	SADD30	B25/E0
1SADD30	1MEM2		104-058	209	I	SADD30	B25/E5
1SADD30	1MEM3		104-064	209	I	SADD30	B26/E0
1SADD30	1MEM4		104-070	209	I	SADD30	B26/E5
1SADD30	1MEM5		104-076	209	I	SADD30	B27/E0
1SADD30	1MEM6		104-082	209	I	SADD30	B27/E5
1SADD30	1APPL1		104-088	209	O	SADD30	B28/E1
1SADD31	1CS1		104-026	309	I	SADD31	B22/E1
1SADD31	1CS2		104-034	309	I	SADD31	B23/E0
1SADD31	1CORE		104-042	309	IO	SADD31	B24/E0
1SADD31	1MEM1		104-050	309	I	SADD31	B25/E0
1SADD31	1MEM2		104-058	309	I	SADD31	B25/E5
1SADD31	1MEM3		104-064	309	I	SADD31	B26/E0
1SADD31	1MEM4		104-070	309	I	SADD31	B26/E5
1SADD31	1MEM5		104-076	309	I	SADD31	B27/E0
1SADD31	1MEM6		104-082	309	I	SADD31	B27/E5
1SADD31	1APPL1		104-088	309	O	SADD31	B28/E1
1SADDPH	1CS1		104-026	301	IO	NC	B22/E1
1SADDPH	1CS2		104-034	301	I	SADDPH	B23/E0
1SADDPH	1CORE		104-042	301	IO	SADDPH	B24/E0
1SADDPH	1MEM1		104-050	301	I	SADDPH	B25/E0
1SADDPH	1MEM2		104-058	301	I	SADDPH	B25/E5
1SADDPH	1MEM3		104-064	301	I	SADDPH	B26/E0
1SADDPH	1MEM4		104-070	301	I	SADDPH	B26/E5
1SADDPH	1MEM5		104-076	301	I	SADDPH	B27/E0
1SADDPH	1MEM6		104-082	301	I	SADDPH	B27/E5
1SADDPH	1APPL1		104-088	301	O	SADDPH	B28/E1
1SADDPL	1CS1		104-026	001	I	SADDPL	B22/E1
1SADDPL	1CS2		104-034	001	I	SADDPL	B23/E0
1SADDPL	1CORE		104-042	001	IO	SADDPL	B24/E0
1SADDPL	1MEM1		104-050	001	I	SADDPL	B25/E0
1SADDPL	1MEM2		104-058	001	I	SADDPL	B25/E5
1SADDPL	1MEM3		104-064	001	I	SADDPL	B26/E0
1SADDPL	1MEM4		104-070	001	I	SADDPL	B26/E5
1SADDPL	1MEM5		104-076	001	I	SADDPL	B27/E0
1SADDPL	1MEM6		104-082	001	I	SADDPL	B27/E5
1SADDPL	1APPL1		104-088	001	IO	SADDPL	B28/E1
1SADDPMH	1CS1		104-026	201	IO	NC	B22/E1
1SADDPMH	1CS2		104-034	201	I	SADDPMH	B23/E0
1SADDPMH	1CORE		104-042	201	IO	SADDPMH	B24/E0
1SADDPMH	1MEM1		104-050	201	I	SADDPMH	B25/E0
1SADDPMH	1MEM2		104-058	201	I	SADDPMH	B25/E5
1SADDPMH	1MEM3		104-064	201	I	SADDPMH	B26/E0
1SADDPMH	1MEM4		104-070	201	I	SADDPMH	B26/E5
1SADDPMH	1MEM5		104-076	201	I	SADDPMH	B27/E0
1SADDPMH	1MEM6		104-082	201	I	SADDPMH	B27/E5
1SADDPMH	1APPL1		104-088	201	O	SADDPMH	B28/E1
1SADDPML	1CS1		104-026	101	I	SADDPML	B22/E1
1SADDPML	1CS2		104-034	101	I	SADDPML	B23/E0
1SADDPML	1CORE		104-042	101	IO	SADDPML	B24/E0
1SADDPML	1MEM1		104-050	101	I	SADDPML	B25/E0
1SADDPML	1MEM2		104-058	101	I	SADDPML	B25/E5
1SADDPML	1MEM3		104-064	101	I	SADDPML	B26/E0
1SADDPML	1MEM4		104-070	101	I	SADDPML	B26/E5
1SADDPML	1MEM5		104-076	101	I	SADDPML	B27/E0
1SADDPML	1MEM6		104-082	101	I	SADDPML	B27/E5
1SADDPML	1APPL1		104-088	101	IO	SADDPML	B28/E1
1SAFF	1CS1		104-026	337	O	SAFF	B22/E1
1SAFF	1CS2		104-034	337	I	SAFF	B23/E0
1SAFF	1CORE		104-042	337	O	NC	B24/E0
1SAFF	1MEM1		104-050	337	IO	SAFF	B25/E0
1SAFF	1MEM2		104-058	337	IO	SAFF	B25/E5
1SAFF	1MEM3		104-064	337	IO	SAFF	B26/E0
1SAFF	1MEM4		104-070	337	IO	SAFF	B26/E5
1SAFF	1MEM5		104-076	337	IO	SAFF	B27/E0
1SAFF	1MEM6		104-082	337	IO	SAFF	B27/E5
1SAFF	1APPL1		104-088	337	I	SAFF	B28/E1
1SALWIO	1CS1		104-026	024	O	SALWIO	B22/E1
1SALWIO	1CS2		104-034	024	I	SALWIO	B23/E0
1SALWIO	1CORE		104-042	024	I	SALWIO	B24/E0
1SALWIO	1MEM1		104-050	024	I	SALWIO	B25/E0
1SALWIO	1MEM2		104-058	024	I	SALWIO	B25/E5
1SALWIO	1MEM3		104-064	024	I	SALWIO	B26/E0
1SALWIO	1MEM4		104-070	024	I	SALWIO	B26/E5
1SALWIO	1MEM5		104-076	024	I	SALWIO	B27/E0
1SALWIO	1MEM6		104-082	024	I	SALWIO	B27/E5
1SALWIO	1APPL1		104-088	024	I	SALWIO	B28/E1
1SANINH	1CS1		104-026	537	IO	SANINH	B22/E1
1SANINH	1CS2		104-034	242	O	SANINH	B23/E0
1SANLTG	1CS1		104-026	235	O	SANLTG	B22/E1
1SANLTG	104-033		104-033	023	IO		B22/F8 *

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LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1SANLTR	1CS1		104-026	145	I	SANLTR	B22/E1
1SANLTR	104-033		104-033	022	IO		B22/B6 *
1SBDRSP0	1CS1		104-026	034	IO	SBDRSP0	B22/E1
1SBDRSP0	1CS2		104-034	034	I	SBDRSP0	B23/E0
1SBDRSP0	1CORE		104-042	034	O	SBDRSP0	B24/E0
1SBDRSP0	1MEM1		104-050	034	IO	SBDRSP0	B25/E0
1SBDRSP0	1MEM2		104-058	034	IO	SBDRSP0	B25/E5
1SBDRSP0	1MEM3		104-064	034	IO	SBDRSP0	B26/E0
1SBDRSP0	1MEM4		104-070	034	IO	SBDRSP0	B26/E5
1SBDRSP0	1MEM5		104-076	034	IO	SBDRSP0	B27/E0
1SBDRSP0	1MEM6		104-082	034	IO	SBDRSP0	B27/E5
1SBDRSP0	1APPL1		104-088	034	IO	SBDRSP0	B28/E1
1SBDRSP1	1CS1		104-026	134	IO	SBDRSP1	B22/E1
1SBDRSP1	1CS2		104-034	134	I	SBDRSP1	B23/E0
1SBDRSP1	1CORE		104-042	134	O	SBDRSP1	B24/E0
1SBDRSP1	1MEM1		104-050	134	IO	SBDRSP1	B25/E0
1SBDRSP1	1MEM2		104-058	134	IO	SBDRSP1	B25/E5
1SBDRSP1	1MEM3		104-064	134	IO	SBDRSP1	B26/E0
1SBDRSP1	1MEM4		104-070	134	IO	SBDRSP1	B26/E5
1SBDRSP1	1MEM5		104-076	134	IO	SBDRSP1	B27/E0
1SBDRSP1	1MEM6		104-082	134	IO	SBDRSP1	B27/E5
1SBDRSP1	1APPL1		104-088	134	IO	SBDRSP1	B28/E1
1SBDRSP2	1CS1		104-026	234	IO	SBDRSP2	B22/E1
1SBDRSP2	1CS2		104-034	234	I	SBDRSP2	B23/E0
1SBDRSP2	1CORE		104-042	234	O	SBDRSP2	B24/E0
1SBDRSP2	1MEM1		104-050	234	IO	SBDRSP2	B25/E0
1SBDRSP2	1MEM2		104-058	234	IO	SBDRSP2	B25/E5
1SBDRSP2	1MEM3		104-064	234	IO	SBDRSP2	B26/E0
1SBDRSP2	1MEM4		104-070	234	IO	SBDRSP2	B26/E5
1SBDRSP2	1MEM5		104-076	234	IO	SBDRSP2	B27/E0
1SBDRSP2	1MEM6		104-082	234	IO	SBDRSP2	B27/E5
1SBDRSP2	1APPL1		104-088	234	I	SBDRSP2	B28/E1
1SBDRSP3	1CS1		104-026	334	IO	SBDRSP3	B22/E1
1SBDRSP3	1CS2		104-034	334	I	SBDRSP3	B23/E0
1SBDRSP3	1CORE		104-042	334	O	SBDRSP3	B24/E0
1SBDRSP3	1MEM1		104-050	334	IO	SBDRSP3	B25/E0
1SBDRSP3	1MEM2		104-058	334	IO	SBDRSP3	B25/E5
1SBDRSP3	1MEM3		104-064	334	IO	SBDRSP3	B26/E0
1SBDRSP3	1MEM4		104-070	334	IO	SBDRSP3	B26/E5
1SBDRSP3	1MEM5		104-076	334	IO	SBDRSP3	B27/E0
1SBDRSP3	1MEM6		104-082	334	IO	SBDRSP3	B27/E5
1SBDRSP3	1APPL1		104-088	334	I	SBDRSP3	B28/E1
1SBYTSLP	1CS1		104-026	313	O	NC	B22/E1
1SBYTSLP	1CS2		104-034	313	I	SBYTSLP	B23/E0
1SBYTSLP	1CORE		104-042	313	IO	SBYTSLP	B24/E0
1SBYTSLP	1MEM1		104-050	313	I	SBYTSLP	B25/E0
1SBYTSLP	1MEM2		104-058	313	I	SBYTSLP	B25/E5
1SBYTSLP	1MEM3		104-064	313	I	SBYTSLP	B26/E0
1SBYTSLP	1MEM4		104-070	313	I	SBYTSLP	B26/E5
1SBYTSLP	1MEM5		104-076	313	I	SBYTSLP	B27/E0
1SBYTSLP	1MEM6		104-082	313	I	SBYTSLP	B27/E5
1SBYTSLP	1APPL1		104-088	313	IO	SBYTSLP	B28/E1
1SDAT00	1CS1		104-026	016	IO	SDAT00	B22/E1
1SDAT00	1CS2		104-034	016	IO	SDAT00	B23/E0
1SDAT00	1CORE		104-042	016	IO	SDAT00	B24/E0
1SDAT00	1MEM1		104-050	016	IO	SDAT00	B25/E0
1SDAT00	1MEM2		104-058	016	IO	SDAT00	B25/E5
1SDAT00	1MEM3		104-064	016	IO	SDAT00	B26/E0
1SDAT00	1MEM4		104-070	016	IO	SDAT00	B26/E5
1SDAT00	1MEM5		104-076	016	IO	SDAT00	B27/E0
1SDAT00	1MEM6		104-082	016	IO	SDAT00	B27/E5
1SDAT00	1APPL1		104-088	016	IO	SDAT00	B28/E1
1SDAT01	1CS1		104-026	116	IO	SDAT01	B22/E1
1SDAT01	1CS2		104-034	116	IO	SDAT01	B23/E0
1SDAT01	1CORE		104-042	116	IO	SDAT01	B24/E0
1SDAT01	1MEM1		104-050	116	IO	SDAT01	B25/E0
1SDAT01	1MEM2		104-058	116	IO	SDAT01	B25/E5
1SDAT01	1MEM3		104-064	116	IO	SDAT01	B26/E0
1SDAT01	1MEM4		104-070	116	IO	SDAT01	B26/E5
1SDAT01	1MEM5		104-076	116	IO	SDAT01	B27/E0
1SDAT01	1MEM6		104-082	116	IO	SDAT01	B27/E5
1SDAT01	1APPL1		104-088	116	IO	SDAT01	B28/E1
1SDAT02	1CS1		104-026	216	IO	SDAT02	B22/E1
1SDAT02	1CS2		104-034	216	IO	SDAT02	B23/E0
1SDAT02	1CORE		104-042	216	IO	SDAT02	B24/E0
1SDAT02	1MEM1		104-050	216	IO	SDAT02	B25/E0
1SDAT02	1MEM2		104-058	216	IO	SDAT02	B25/E5
1SDAT02	1MEM3		104-064	216	IO	SDAT02	B26/E0
1SDAT02	1MEM4		104-070	216	IO	SDAT02	B26/E5
1SDAT02	1MEM5		104-076	216	IO	SDAT02	B27/E0
1SDAT02	1MEM6		104-082	216	IO	SDAT02	B27/E5
1SDAT02	1APPL1		104-088	216	IO	SDAT02	B28/E1
1SDAT03	1CS1		104-026	316	IO	SDAT03	B22/E1
1SDAT03	1CS2		104-034	316	IO	SDAT03	B23/E0
1SDAT03	1CORE		104-042	316	IO	SDAT03	B24/E0
1SDAT03	1MEM1		104-050	316	IO	SDAT03	B25/E0

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LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1SDATPL	1MEM1	104-050	015	IO	SDATPL	B25/B0	
1SDATPL	1MEM2	104-058	015	IO	SDATPL	B25/B5	
1SDATPL	1MEM3	104-064	015	IO	SDATPL	B26/B0	
1SDATPL	1MEM4	104-070	015	IO	SDATPL	B26/B5	
1SDATPL	1MEM5	104-076	015	IO	SDATPL	B27/B0	
1SDATPL	1MEM6	104-082	015	IO	SDATPL	B27/B5	
1SDATPL	1APPL1	104-088	015	IO	SDATPL	B28/B1	
1SDATPMH	1CS1	104-026	215	O	NC	B22/B1	
1SDATPMH	1CS2	104-034	215	I	SDATPMH	B23/B0	
1SDATPMH	1CORE	104-042	215	IO	SDATPMH	B24/B0	
1SDATPMH	1MEM1	104-050	215	IO	SDATPMH	B25/B0	
1SDATPMH	1MEM2	104-058	215	IO	SDATPMH	B25/B5	
1SDATPMH	1MEM3	104-064	215	IO	SDATPMH	B26/B0	
1SDATPMH	1MEM4	104-070	215	IO	SDATPMH	B26/B5	
1SDATPMH	1MEM5	104-076	215	IO	SDATPMH	B27/B0	
1SDATPMH	1MEM6	104-082	215	IO	SDATPMH	B27/B5	
1SDATPMH	1APPL1	104-088	215	IO	SDATPMH	B28/B1	
1SDATPML	1CS1	104-026	115	O	NC	B22/B1	
1SDATPML	1CS2	104-034	115	I	SDATPML	B23/B0	
1SDATPML	1CORE	104-042	115	IO	SDATPML	B24/B0	
1SDATPML	1MEM1	104-050	115	IO	SDATPML	B25/B0	
1SDATPML	1MEM2	104-058	115	IO	SDATPML	B25/B5	
1SDATPML	1MEM3	104-064	115	IO	SDATPML	B26/B0	
1SDATPML	1MEM4	104-070	115	IO	SDATPML	B26/B5	
1SDATPML	1MEM5	104-076	115	IO	SDATPML	B27/B0	
1SDATPML	1MEM6	104-082	115	IO	SDATPML	B27/B5	
1SDATPML	1APPL1	104-088	115	IO	SDATPML	B28/B1	
1SDIRWO	1CS1	104-026	011	I	SDIRWO	B22/B1	
1SDIRWO	1CS2	104-034	011	I	SDIRWO	B23/B0	
1SDIRWO	1CORE	104-042	011	O	SDIRWO	B24/B0	
1SDIRWO	1MEM1	104-050	011	I	SDIRWO	B25/B0	
1SDIRWO	1MEM2	104-058	011	I	SDIRWO	B25/B5	
1SDIRWO	1MEM3	104-064	011	I	SDIRWO	B26/B0	
1SDIRWO	1MEM4	104-070	011	I	SDIRWO	B26/B5	
1SDIRWO	1MEM5	104-076	011	I	SDIRWO	B27/B0	
1SDIRWO	1MEM6	104-082	011	I	SDIRWO	B27/B5	
1SDIRWO	1APPL1	104-088	011	I	SDIRWO	B28/B1	
1SDMAGTA	1CS1	104-026	037	O	NC	B22/B1	
1SDMAGTA	1CS2	104-034	037	I	SDMAGTA	B23/B0	
1SDMAGTA	1CORE	104-042	037	O	SDMAGTA	B24/B0	
1SDMAGTA	1MEM1	104-050	037	IO	NCSDMAGTA	B25/B0	
1SDMAGTA	1MEM2	104-058	037	IO	NCSDMAGTA	B25/B5	
1SDMAGTA	1MEM3	104-064	037	IO	NCSDMAGTA	B26/B0	
1SDMAGTA	1MEM4	104-070	037	IO	NCSDMAGTA	B26/B5	
1SDMAGTA	1MEM5	104-076	037	IO	NCSDMAGTA	B27/B0	
1SDMAGTA	1MEM6	104-082	037	IO	NCSDMAGTA	B27/B5	
1SDMAGTA	1APPL1	104-088	037	I	SDMAGTA	B28/B1	
1SDMAGTB	1CS1	104-026	237	O	NC	B22/B1	
1SDMAGTB	1CS2	104-034	237	I	SDMAGTB	B23/B0	
1SDMAGTB	1CORE	104-042	237	O	SDMAGTB	B24/B0	
1SDMAGTB	1MEM1	104-050	237	IO	SDMAGTB	B25/B0	
1SDMAGTB	1MEM2	104-058	237	IO	SDMAGTB	B25/B5	
1SDMAGTB	1MEM3	104-064	237	IO	SDMAGTB	B26/B0	
1SDMAGTB	1MEM4	104-070	237	IO	SDMAGTB	B26/B5	
1SDMAGTB	1MEM5	104-076	237	IO	SDMAGTB	B27/B0	
1SDMAGTB	1MEM6	104-082	237	IO	SDMAGTB	B27/B5	
1SDMAGTB	1APPL1	104-088	237	IO	NC	B28/B1	
1SDMAINH	1CS1	104-026	355	O	DMAIN	B22/B1	
1SDMAINH	1CS2	104-034	355	O	NC	B23/B0	
1SDMAINH	1CORE	104-042	355	I	SDMAINH	B24/B0	
1SDMAINH	1MEM1	104-050	355	IO	SDMAINH	B25/B0	
1SDMAINH	1MEM2	104-058	355	IO	SDMAINH	B25/B5	
1SDMAINH	1MEM3	104-064	355	IO	SDMAINH	B26/B0	
1SDMAINH	1MEM4	104-070	355	IO	SDMAINH	B26/B5	
1SDMAINH	1MEM5	104-076	355	IO	SDMAINH	B27/B0	
1SDMAINH	1MEM6	104-082	355	IO	SDMAINH	B27/B5	
1SDMAINH	1APPL1	104-088	355	I	SDMAINH	B28/B1	
1SDMARD	1CS1	104-026	136	I	SDMARD	B22/B1	
1SDMARD	1CS2	104-034	136	O	NC	B23/B0	
1SDMARD	1CORE	104-042	136	I	SDMARD	B24/B0	
1SDMARD	1MEM1	104-050	136	IO	SDMARD	B25/B0	
1SDMARD	1MEM2	104-058	136	IO	SDMARD	B25/B5	
1SDMARD	1MEM3	104-064	136	IO	SDMARD	B26/B0	
1SDMARD	1MEM4	104-070	136	IO	SDMARD	B26/B5	
1SDMARD	1MEM5	104-076	136	IO	SDMARD	B27/B0	
1SDMARD	1MEM6	104-082	136	IO	SDMARD	B27/B5	
1SDMARD	1APPL1	104-088	136	O	SDMARD	B28/B1	
1SDMARDY	1CS1	104-026	036	I	SDMARDY	B22/B1	
1SDMARDY	1CS2	104-034	036	I	SDMARDY	B23/B0	
1SDMARDY	1CORE	104-042	036	O	DMARDY	B24/B0	
1SDMARDY	1MEM1	104-050	036	IO	SDMARDY	B25/B0	
1SDMARDY	1MEM2	104-058	036	IO	SDMARDY	B25/B5	
1SDMARDY	1MEM3	104-064	036	IO	SDMARDY	B26/B0	
1SDMARDY	1MEM4	104-070	036	IO	SDMARDY	B26/B5	
1SDMARDY	1MEM5	104-076	036	IO	SDMARDY	B27/B0	
1SDMARDY	1MEM6	104-082	036	IO	SDMARDY	B27/B5	
1SDMARDY	1APPL1	104-088	036	I	SDMARDY	B28/B1	

143 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1SDMARQA	1CS1	104-026	336	O	NC	B22/B1	
1SDMARQA	1CS2	104-034	336	I	SDMARQA	B23/B0	
1SDMARQA	1CORE	104-042	336	I	SDMARQA	B24/B0	
1SDMARQA	1MEM1	104-050	336	IO	SDMARQA	B25/B0	
1SDMARQA	1MEM2	104-058	336	IO	SDMARQA	B25/B5	
1SDMARQA	1MEM3	104-064	336	IO	SDMARQA	B26/B0	
1SDMARQA	1MEM4	104-070	336	IO	SDMARQA	B26/B5	
1SDMARQA	1MEM5	104-076	336	IO	SDMARQA	B27/B0	
1SDMARQA	1MEM6	104-082	336	IO	SDMARQA	B27/B5	
1SDMARQA	1APPL1	104-088	336	O	SDMARQA	B28/B1	
1SDMARQB	1CS1	104-026	137	O	NC	B22/B1	
1SDMARQB	1CS2	104-034	137	I	SDMARQB	B23/B0	
1SDMARQB	1CORE	104-042	137	I	SDMARQB	B24/B0	
1SDMARQB	1MEM1	104-050	137	IO	SDMARQB	B25/B0	
1SDMARQB	1MEM2	104-058	137	IO	SDMARQB	B25/B5	
1SDMARQB	1MEM3	104-064	137	IO	SDMARQB	B26/B0	
1SDMARQB	1MEM4	104-070	137	IO	SDMARQB	B26/B5	
1SDMARQB	1MEM5	104-076	137	IO	SDMARQB	B27/B0	
1SDMARQB	1MEM6	104-082	137	IO	SDMARQB	B27/B5	
1SDMARQB	1APPL1	104-088	137	IO	NC	B28/B1	
1SDMAWRT	1CS1	104-026	236	I	SDMAWRT	B22/B1	
1SDMAWRT	1CS2	104-034	236	O	NC	B23/B0	
1SDMAWRT	1CORE	104-042	236	I	SDMAWRT	B24/B0	
1SDMAWRT	1MEM1	104-050	236	IO	SDMAWRT	B25/B0	
1SDMAWRT	1MEM2	104-058	236	IO	SDMAWRT	B25/B5	
1SDMAWRT	1MEM3	104-064	236	IO	SDMAWRT	B26/B0	
1SDMAWRT	1MEM4	104-070	236	IO	SDMAWRT	B26/B5	
1SDMAWRT	1MEM5	104-076	236	IO	SDMAWRT	B27/B0	
1SDMAWRT	1MEM6	104-082	236	IO	SDMAWRT	B27/B5	
1SDMAWRT	1APPL1	104-088	236	O	SDMAWRT	B28/B1	
1SENSE67	1PWRCNV	104-012	018	IO	SENSE67	B22/B0	
1SENSE67	1PWRCNV	104-012	019	IO	SENSE67	B22/B0	
1SFOUTEN	1CS2	104-034	245	I	SFOUTEN	B23/B0	
1SFOUTEN	1CORE	104-042	145	O	SFOUTEN	B24/B0	
1SHADSTP	1CS1	104-026	435	O	SHADSTP	B22/B1	
1SHADSTP	1CS2	104-034	551	I	SHADSTP	B23/B0	
1SHDWRST	1CS1	104-026	055	O	SHDWRST	B22/B1	
1SHDWRST	1CS2	104-034	055	I	SHDWRST	B23/B0	
1SHDWRST	1CORE	104-042	055	I	SHDWRST	B24/B0	
1SHDWRST	1MEM1	104-050	055	I	SHDWRST	B25/B0	
1SHDWRST	1MEM2	104-058	055	I	SHDWRST	B25/B5	
1SHDWRST	1MEM3	104-064	055	I	SHDWRST	B26/B0	
1SHDWRST	1MEM4	104-070	055	I	SHDWRST	B26/B5	
1SHDWRST	1MEM5	104-076	055	I	SHDWRST	B27/B0	
1SHDWRST	1MEM6	104-082	055	I	SHDWRST	B27/B5	
1SHDWRST	1APPL1	104-088	055	I	SHDWRST	B28/B1	
1SIGBPAR	1CS1	104-026	333	I	SIGBPAR	B22/B1	
1SIGBPAR	1CS2	104-034	333	O	SIGBPAR	B23/B0	
1SIGBPAR	1CORE	104-042	333	O	NC	B24/B0	
1SIGBPAR	1MEM1	104-050	333	I	SIGBPAR	B25/B0	
1SIGBPAR	1MEM2	104-058	333	I	SIGBPAR	B25/B5	
1SIGBPAR	1MEM3	104-064	333	I	SIGBPAR	B26/B0	
1SIGBPAR	1MEM4	104-070	333	I	SIGBPAR	B26/B5	
1SIGBPAR	1MEM5	104-076	333	I	SIGBPAR	B27/B0	
1SIGBPAR	1MEM6	104-082	333	I	SIGBPAR	B27/B5	
1SIGBPAR	1APPL1	104-088	333	I	SIGBPAR	B28/B1	
1SIOEN	1CS1	104-026	111	I	SIOEN	B22/B1	
1SIOEN	1CS2	104-034	111	I	SIOEN	B23/B0	
1SIOEN	1CORE	104-042	111	O	SIOEN	B24/B0	
1SIOEN	1MEM1	104-050	111	I	SIOEN	B25/B0	
1SIOEN	1MEM2	104-058	111	I	SIOEN	B25/B5	
1SIOEN	1MEM3	104-064	111	I	SIOEN	B26/B0	
1SIOEN	1MEM4	104-070	111	I	SIOEN	B26/B5	
1SIOEN	1MEM5	104-076	111	I	SIOEN	B27/B0	
1SIOEN	1MEM6	104-082	111	I	SIOEN	B27/B5	
1SIOEN	1APPL1	104-088	111	I	SIOEN	B28/B1	
1SLAREF0	1DLI	104-156	332	O	SELAREF0	B35/B0 *	
1SMITS1	1CS1	104-026	253	I	SMITS1	B22/B1	
1SMITS1	1CS2	104-034	450	O	SMITS1	B23/B0	
1SMITS2	1CS1	104-026	353	I	SMITS2	B22/B1	
1SMITS2	1CS2	104-034	550	O	SMITS2	B23/B0	
1SMLTRSP	1CS1	104-026	233	IO	SMLTRSP	B22/B1	
1SMLTRSP	1CS2	104-034	233	I	SMLTRSP	B23/B0	
1SMLTRSP	1CORE	104-042	233	O	NC	B24/B0	
1SMLTRSP	1MEM1	104-050	233	IO	SMLTRSP	B25/B0	
1SMLTRSP	1MEM2	104-058	233	IO	SMLTRSP	B25/B5	
1SMLTRSP	1MEM3	104-064	233	IO	SMLTRSP	B26/B0	
1SMLTRSP	1MEM4	104-070	233	IO	SMLTRSP	B26/B5	
1SMLTRSP	1MEM5	104-076	233	IO	SMLTRSP	B27/B0	
1SMLTRSP	1MEM6	104-082	233	IO	SMLTRSP	B27/B5	
1SMLTRSP	1APPL1	104-088	233	IO	SMLTRSP	B28/B1	
1SMRSET	104-050	104-050	422	O		B40/B4 *	
1SMRSET	104-054	104-054	022	O		B40/B5 *	

144		LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1SPOWRST	1CS1		104-026	155	I	SPOWRST	B22/E1	
1SPOWRST	1CS2		104-034	155	I	SPOWRST	B23/E0	
1SPOWRST	1CORE		104-042	155	O	SPOWRST	B24/E0	
1SPOWRST	1MEM1		104-050	155	IO	SPOWRST	B25/E0	
1SPOWRST	1MEM2		104-058	155	IO	SPOWRST	B25/E5	
1SPOWRST	1MEM3		104-064	155	IO	SPOWRST	B26/E0	
1SPOWRST	1MEM4		104-070	155	IO	SPOWRST	B26/E5	
1SPOWRST	1MEM5		104-076	155	IO	SPOWRST	B27/E0	
1SPOWRST	1MEM6		104-082	155	IO	SPOWRST	B27/E5	
1SPOWRST	1APPL1		104-088	155	IO	NC	B28/E1	
1SRAMEN	1CS1		104-026	014	O	NC	B22/E1	
1SRAMEN	1CS2		104-034	014	O	NC	B23/E0	
1SRAMEN	1CORE		104-042	014	O	SRAMEN	B24/E0	
1SRAMEN	1MEM1		104-050	014	I	SRAMEN	B25/E0	
1SRAMEN	1MEM2		104-058	014	I	SRAMEN	B25/E5	
1SRAMEN	1MEM3		104-064	014	I	SRAMEN	B26/E0	
1SRAMEN	1MEM4		104-070	014	I	SRAMEN	B26/E5	
1SRAMEN	1MEM5		104-076	014	I	SRAMEN	B27/E0	
1SRAMEN	1MEM6		104-082	014	I	SRAMEN	B27/E5	
1SRAMEN	1APPL1		104-088	014	IO	NC	B28/E1	
1SROMEN	1CS1		104-026	114	O	NC	B22/E1	
1SROMEN	1CS2		104-034	114	I	SROMEN	B23/E0	
1SROMEN	1CORE		104-042	114	O	SROMEN	B24/E0	
1SROMEN	1MEM1		104-050	114	IO	SROMEN	B25/E0	
1SROMEN	1MEM2		104-058	114	IO	SROMEN	B25/E5	
1SROMEN	1MEM3		104-064	114	IO	SROMEN	B26/E0	
1SROMEN	1MEM4		104-070	114	IO	SROMEN	B26/E5	
1SROMEN	1MEM5		104-076	114	IO	SROMEN	B27/E0	
1SROMEN	1MEM6		104-082	114	IO	SROMEN	B27/E5	
1SROMEN	1APPL1		104-088	114	IO	NC	B28/E1	
1SSBC	1CS1		104-026	311	I	SSBC	B22/E1	
1SSBC	1CS2		104-034	311	I	SSBC	B23/E0	
1SSBC	1CORE		104-042	311	O	SSBC	B24/E0	
1SSBC	1MEM1		104-050	311	I	SSBC	B25/E0	
1SSBC	1MEM2		104-058	311	I	SSBC	B25/E5	
1SSBC	1MEM3		104-064	311	I	SSBC	B26/E0	
1SSBC	1MEM4		104-070	311	I	SSBC	B26/E5	
1SSBC	1MEM5		104-076	311	I	SSBC	B27/E0	
1SSBC	1MEM6		104-082	311	I	SSBC	B27/E5	
1SSBC	1APPL1		104-088	311	I	SSBC	B28/E1	
1STHEN	1CS1		104-026	255	I	STHEN	B22/E1	
1STHEN	1CS2		104-034	255	I	STHEN	B23/E0	
1STHEN	1CORE		104-042	255	O	STHEN	B24/E0	
1STHEN	1MEM1		104-050	255	I	STHEN	B25/E0	
1STHEN	1MEM2		104-058	255	I	STHEN	B25/E5	
1STHEN	1MEM3		104-064	255	I	STHEN	B26/E0	
1STHEN	1MEM4		104-070	255	I	STHEN	B26/E5	
1STHEN	1MEM5		104-076	255	I	STHEN	B27/E0	
1STHEN	1MEM6		104-082	255	I	STHEN	B27/E5	
1STHEN	1APPL1		104-088	255	I	STHEN	B28/E1	
1STKERR	1CS1		104-026	445	I	STKERR	B22/E1	
1STKERR	1CS2		104-034	445	O	STKERR	B23/E0	
1SUOERR	1CS2		104-034	433	I	SUOERR	B23/E0	
1SUOERR	1CIO		104-096	244	I	TSINT	B29/E0	
1SUOERR	1TSI-SP		104-144	312	O	SUBTINT	B34/E1	
1SUOSEL	1APPL1		104-088	404	O	SUSEL0	B28/E1	
1SUOSEL	1TSI-SP		104-144	346	I	SUBTBS	B34/E1	
1SUOWT	1APPL1		104-088	408	I	SUOWT	B28/E1	
1SUOWT	1TSI-SP		104-144	334	O	SUBTRD	B34/E1	
1SUIERR	1CS2		104-034	533	I	SUIERR	B23/E0	
1SUIERR	1TSI-SP		104-144	223	O	SUBSINT	B34/E1	
1SUISEL	1APPL1		104-088	504	O	SUSEL1	B28/E1	
1SUISEL	1TSI-SP		104-144	212	I	SUBBS1	B34/E1	
1SUIWT	1APPL1		104-088	508	I	SUIWT	B28/E1	

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145 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1SU1WT	1TSTI-SP	104-144	133	O	SUBSRD	B34/E1	
1SU2ERR	1CS2	104-034	434	I	SU2ERR	B23/E0	
1SU2ERR	1CIO	104-096	119	O	NINT	B29/E0	
1SU2ERR	1TSTI-SP	104-144	215	IO	CIOINT	B34/E1	
1SU2SEL	1APPL1	104-088	405	O	SUSEL2	B28/E1	
1SU2SEL	1CIO	104-096	319	I	NBS	B29/E0	
1SU2WT	1APPL1	104-088	409	I	SU2WT	B28/E1	
1SU2WT	1CIO	104-096	019	O	READY	B29/E0	
1SU3ERR	1CS2	104-034	534	I	SU3ERR	B23/E0	
1SU3ERR	1CI1	104-104	119	O	NINT	B30/E0	
1SU3ERR	1TSTI-SP	104-144	139	IO	CIIINT	B34/E1	
1SU3SEL	1APPL1	104-088	505	O	SUSEL3	B28/E1	
1SU3SEL	1CI1	104-104	319	I	NBS	B30/E0	
1SU3WT	1APPL1	104-088	509	I	SU3WT	B28/E1	
1SU3WT	1CI1	104-104	019	O	READY	B30/E0	
1SU4ERR	1CS2	104-034	435	I	SU4ERR	B23/E0	
1SU4ERR	1PI	104-112	324	O	NINT	B31/E0	
1SU4SEL	1APPL1	104-088	406	O	SUSEL4	B28/E1	
1SU4SEL	1PI	104-112	346	I	NBS	B31/E0	
1SU4WT	1APPL1	104-088	410	I	SU4WT	B28/E1	
1SU4WT	1PI	104-112	334	O	NRDY	B31/E0	
1SU5ERR	1CS2	104-034	535	I	SU5ERR	B23/E0	
1SU5ERR	104-120	104-120	324	IO		B23/B7 *	
1SU5SEL	1APPL1	104-088	506	O	SUSEL5	B28/E1	
1SU5SEL	104-120	104-120	346	IO		B28/F7 *	
1SU5WT	1APPL1	104-088	510	I	SU5WT	B28/E1	
1SU5WT	104-120	104-120	334	IO		B28/B6 *	
1SUA01	1APPL1	104-088	401	O	SUA01	B28/E1	
1SUA01	1CIO	104-096	313	I	A1	B29/E0	
1SUA01	1CI1	104-104	313	I	A1	B30/E0	
1SUA01	1PI	104-112	323	I	A1	B31/E0	
1SUA01	104-120	104-120	323	IO		B28/F8 *	
1SUA01	1TSTI-SP	104-144	323	I	SUBA01	B34/E1	
1SUA02	1APPL1	104-088	501	O	SUA02	B28/E1	
1SUA02	1CIO	104-096	312	I	A2	B29/E0	
1SUA02	1CI1	104-104	312	I	A2	B30/E0	
1SUA02	1PI	104-112	322	I	A2	B31/E0	
1SUA02	104-120	104-120	322	IO		B28/F8 *	
1SUA02	1TSTI-SP	104-144	322	I	SUBA02	B34/E1	
1SUA03	1APPL1	104-088	402	O	SUA03	B28/E1	
1SUA03	1CIO	104-096	306	I	A3	B29/E0	
1SUA03	1CI1	104-104	306	I	A3	B30/E0	
1SUA03	1PI	104-112	321	I	A3	B31/E0	
1SUA03	104-120	104-120	321	IO		B28/F8 *	
1SUA03	1TSTI-SP	104-144	321	I	SUBA03	B34/E1	
1SUA04	1APPL1	104-088	502	O	SUA04	B28/E1	
1SUA04	1CIO	104-096	213	I	A4	B29/E0	
1SUA04	1CI1	104-104	213	I	A4	B30/E0	
1SUA04	1PI	104-112	320	I	A4	B31/E0	
1SUA04	104-120	104-120	320	IO		B28/F8 *	
1SUA04	1TSTI-SP	104-144	320	I	SUBA04	B34/E1	
1SUA05	1APPL1	104-088	403	O	SUA05	B28/E1	
1SUA05	1CIO	104-096	212	I	A5	B29/E0	
1SUA05	1CI1	104-104	212	I	A5	B30/E0	
1SUA05	1PI	104-112	319	I	A5	B31/E0	
1SUA05	104-120	104-120	319	IO		B28/F8 *	
1SUA05	1TSTI-SP	104-144	221	I	SUBA05	B34/E1	
1SUA06	1APPL1	104-088	503	O	SUA06	B28/E1	
1SUA06	1CIO	104-096	206	I	A6	B29/E0	
1SUA06	1CI1	104-104	206	I	A6	B30/E0	
1SUA06	1PI	104-112	318	I	A6	B31/E0	
1SUA06	104-120	104-120	318	IO		B28/F8 *	
1SUA06	1TSTI-SP	104-144	220	I	SUBA06	B34/E1	
1SUAF	1APPL1	104-088	500	O	SUAF	B28/E1	
1SUAF	1CIO	104-096	219	I	APAR	B29/E0	
1SUAF	1CI1	104-104	219	I	APAR	B30/E0	
1SUAF	1PI	104-112	315	I	APAR	B31/E0	
1SUAF	104-120	104-120	315	IO		B28/F7 *	
1SUAF	1TSTI-SP	104-144	315	I	SUBAP	B34/E1	
1SUD00	1APPL1	104-088	416	IO	SUD00	B28/E1	
1SUD00	1CIO	104-096	512	IO	D0	B29/E0	
1SUD00	1CI1	104-104	512	IO	D0	B30/E0	
1SUD00	1PI	104-112	344	IO	D0	B31/E0	
1SUD00	104-120	104-120	344	IO		B28/F8 *	
1SUD00	1TSTI-SP	104-144	344	IO	SUBD0	B34/E1	

146 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1SUD01	1APPL1	104-088	516	IO	SUD01	B28/E1	
1SUD01	1CIO	104-096	506	IO	D1	B29/E0	
1SUD01	1CI1	104-104	506	IO	D1	B30/E0	
1SUD01	1PI	104-112	343	IO	D1	B31/E0	
1SUD01	104-120	104-120	343	IO		B28/F8 *	
1SUD01	1TSTI-SP	104-144	343	IO	SUBD1	B34/E1	
1SUD02	1APPL1	104-088	417	IO	SUD02	B28/E1	
1SUD02	1CIO	104-096	505	IO	D2	B29/E0	
1SUD02	1CI1	104-104	505	IO	D2	B30/E0	
1SUD02	1PI	104-112	342	IO	D2	B31/E0	
1SUD02	104-120	104-120	342	IO		B28/F8 *	
1SUD02	1TSTI-SP	104-144	342	IO	SUBD2	B34/E1	
1SUD03	1APPL1	104-088	517	IO	SUD03	B28/E1	
1SUD03	1CIO	104-096	504	IO	D3	B29/E0	
1SUD03	1CI1	104-104	504	IO	D3	B30/E0	
1SUD03	1PI	104-112	341	IO	D3	B31/E0	
1SUD03	104-120	104-120	341	IO		B28/F8 *	
1SUD03	1TSTI-SP	104-144	341	IO	SUBD3	B34/E1	
1SUD04	1APPL1	104-088	418	IO	SUD04	B28/E1	
1SUD04	1CIO	104-096	503	IO	D4	B29/E0	
1SUD04	1CI1	104-104	503	IO	D4	B30/E0	
1SUD04	1PI	104-112	340	IO	D4	B31/E0	
1SUD04	104-120	104-120	340	IO		B28/F8 *	
1SUD04	1TSTI-SP	104-144	340	IO	SUBD4	B34/E1	
1SUD05	1APPL1	104-088	518	IO	SUD05	B28/E1	
1SUD05	1CIO	104-096	502	IO	D5	B29/E0	
1SUD05	1CI1	104-104	502	IO	D5	B30/E0	
1SUD05	1PI	104-112	339	IO	D5	B31/E0	
1SUD05	104-120	104-120	339	IO		B28/F8 *	
1SUD05	1TSTI-SP	104-144	339	IO	SUBD5	B34/E1	
1SUD06	1APPL1	104-088	419	IO	SUD06	B28/E1	
1SUD06	1CIO	104-096	501	IO	D6	B29/E0	
1SUD06	1CI1	104-104	501	IO	D6	B30/E0	
1SUD06	1PI	104-112	337	IO	D6	B31/E0	
1SUD06	104-120	104-120	337	IO		B28/F8 *	
1SUD06	1TSTI-SP	104-144	337	IO	SUBD6	B34/E1	
1SUD07	1APPL1	104-088	519	IO	SUD07	B28/E1	
1SUD07	1CIO	104-096	500	IO	D7	B29/E0	
1SUD07	1CI1	104-104	500	IO	D7	B30/E0	
1SUD07	1PI	104-112	336	IO	D7	B31/E0	
1SUD07	104-120	104-120	336	IO		B28/F8 *	
1SUD07	1TSTI-SP	104-144	336	IO	SUBD7	B34/E1	
1SUD08	1APPL1	104-088	420	IO	SUD08	B28/E1	
1SUD08	1CIO	104-096	412	IO	D8	B29/E0	
1SUD08	1CI1	104-104	412	IO	D8	B30/E0	
1SUD08	1PI	104-112	355	IO	D8	B31/E0	
1SUD08	104-120	104-120	355	IO		B28/F8 *	
1SUD08	1TSTI-SP	104-144	355	IO	SUBD8	B34/E1	
1SUD09	1APPL1	104-088	520	IO	SUD09	B28/E1	
1SUD09	1CIO	104-096	406	IO	D9	B29/E0	
1SUD09	1CI1	104-104	406	IO	D9	B30/E0	
1SUD09	1PI	104-112	354	IO	D9	B31/E0	
1SUD09	104-120	104-120	354	IO		B28/F8 *	
1SUD09	1TSTI-SP	104-144	354	IO	SUBD9	B34/E1	
1SUD10	1APPL1	104-088	421	IO	SUD10	B28/E1	
1SUD10	1CIO	104-096	405	IO	D10	B29/E0	
1SUD10	1CI1	104-104	405	IO	D10	B30/E0	
1SUD10	1PI	104-112	353	IO	D10	B31/E0	
1SUD10	104-120	104-120	353	IO		B28/F8 *	
1SUD10	1TSTI-SP	104-144	353	IO	SUBD10	B34/E1	
1SUD11	1APPL1	104-088	521	IO	SUD11	B28/E1	
1SUD11	1CIO	104-096	404	IO	D11	B29/E0	
1SUD11	1CI1	104-104	404	IO	D11	B30/E0	
1SUD11	1PI	104-112	352	IO	D11	B31/E0	
1SUD11	104-120	104-120	352	IO		B28/F8 *	
1SUD11	1TSTI-SP	104-144	352	IO	SUBD11	B34/E1	
1SUD12	1APPL1	104-088	422	IO	SUD12	B28/E1	
1SUD12	1CIO	104-096	403	IO	D12	B29/E0	
1SUD12	1CI1	104-104	403	IO	D12	B30/E0	
1SUD12	1PI	104-112	351	IO	D12	B31/E0	
1SUD12	104-120	104-120	351	IO		B28/F8 *	
1SUD12	1TSTI-SP	104-144	351	IO	SUBD12	B34/E1	
1SUD13	1APPL1	104-088	522	IO	SUD13	B28/E1	
1SUD13	1CIO	104-096	402	IO	D13	B29/E0	
1SUD13	1CI1	104-104	402	IO	D13	B30/E0	
1SUD13	1PI	104-112	350	IO	D13	B31/E0	
1SUD13	104-120	104-120	350	IO		B28/F8 *	
1SUD13	1TSTI-SP	104-144	350	IO	SUBD13	B34/E1	
1SUD14	1APPL1	104-088	423	IO	SUD14	B28/E1	
1SUD14	1CIO	104-096	401	IO	D14	B29/E0	
1SUD14	1CI1	104-104	401	IO	D14	B30/E0	
1SUD14	1PI	104-112	349	IO	D14	B31/E0	

147		LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1SUD14	104-120		104-120	349	IO		B28/F8	*
1SUD14	1TSSI-SP		104-144	349	IO	SUBD14	B34/E1	
1SUD15	1APPL1		104-088	523	IO	SUD15	B28/E1	
1SUD15	1CIO		104-096	400	IO	D15	B29/E0	
1SUD15	1CI1		104-104	400	IO	D15	B30/E0	
1SUD15	1PI		104-112	348	IO	D15	B31/E0	
1SUD15	104-120		104-120	348	IO		B28/F8	*
1SUD15	1TSSI-SP		104-144	348	IO	SUBD15	B34/E1	
1SUDPARH	1APPL1		104-088	515	IO	SUDPARH	B28/E1	
1SUDPARH	1CIO		104-096	413	IO	DPARH	B29/E0	
1SUDPARH	1CI1		104-104	413	IO	DPARH	B30/E0	
1SUDPARH	1PI		104-112	347	IO	DPARH	B31/E0	
1SUDPARH	104-120		104-120	347	IO		B28/F7	*
1SUDPARH	1TSSI-SP		104-144	347	IO	SUBDPH	B34/E1	
1SUDPARL	1APPL1		104-088	415	IO	SUDPARL	B28/E1	
1SUDPARL	1CIO		104-096	513	IO	DPARL	B29/E0	
1SUDPARL	1CI1		104-104	513	IO	DPARL	B30/E0	
1SUDPARL	1PI		104-112	335	IO	DPARL	B31/E0	
1SUDPARL	104-120		104-120	335	IO		B28/F7	*
1SUDPARL	1TSSI-SP		104-144	335	IO	SUBDPL	B34/E1	
1SUMIS	1CS1		104-026	547	I	SUMIS	B22/E1	
1SUMIS	1APPL1		104-088	512	O	SUMIS	B28/E1	
1SURD	1APPL1		104-088	514	O	SURD	B28/E1	
1SURD	1CIO		104-096	419	I	NRD	B29/E0	
1SURD	1CI1		104-104	419	I	NRD	B30/E0	
1SURD	1PI		104-112	333	I	NRD	B31/E0	
1SURD	104-120		104-120	333	IO		B28/F7	*
1SURD	1TSSI-SP		104-144	333	I	SUBRD	B34/E1	
1SUWR	1APPL1		104-088	414	O	SUWR	B28/E1	
1SUWR	1CIO		104-096	519	I	NWR	B29/E0	
1SUWR	1CI1		104-104	519	I	NWR	B30/E0	
1SUWR	1PI		104-112	345	I	NWR	B31/E0	
1SUWR	104-120		104-120	345	IO		B28/F7	*
1SUWR	1TSSI-SP		104-144	345	I	SUBWR	B34/E1	
1SWRTSTB	1CS1		104-026	211	I	SWRTSTB	B22/E1	
1SWRTSTB	1CS2		104-034	211	O	SWRTSTB	B23/E0	
1SWRTSTB	1CORE		104-042	211	O	NC	B24/E0	
1SWRTSTB	1MEM1		104-050	211	I	SWRTSTB	B25/E0	
1SWRTSTB	1MEM2		104-058	211	I	SWRTSTB	B25/E5	
1SWRTSTB	1MEM3		104-064	211	I	SWRTSTB	B26/E0	
1SWRTSTB	1MEM4		104-070	211	I	SWRTSTB	B26/E5	
1SWRTSTB	1MEM5		104-076	211	I	SWRTSTB	B27/E0	
1SWRTSTB	1MEM6		104-082	211	I	SWRTSTB	B27/E5	
1SWRTSTB	1APPL1		104-088	211	I	SWRTSTB	B28/E1	
1T1SENSX	004-016		004-016	049	IO		B18/F4	*
1T1SENSX	004-018		004-018	033	IO		B18/F5	*
1T2MHCI	1CIO		104-096	044	I	2MHZ	B29/E0	
1T2MHCI	1CI1		104-104	044	I	2MHZ	B30/E0	
1T2MHCI	1TSSI-SP		104-144	251	O	CTCK2M	B34/E1	
1T2SENSX	004-017		004-017	049	IO		B18/F4	*
1T2SENSX	004-018		004-018	034	IO		B18/F5	*
1T8KAODI	1DI1		104-138	344	I	8KHZ	B33/E0	
1T8KAODI	1TSSI-SP		104-144	245	O	DIA8K	B34/E1	
1T8KBODI	1DI0		104-130	344	I	8KHZ	B32/E0	
1T8KBODI	1TSSI-SP		104-144	233	O	DIB8K	B34/E1	
1T8MAODI	1DI1		104-138	312	I	8MHZ	B33/E0	
1T8MAODI	1TSSI-SP		104-144	121	O	DIACK	B34/E1	
1T8MBODI	1DI0		104-130	312	I	8MHZ	B32/E0	
1T8MBODI	1TSSI-SP		104-144	021	O	DIBCK	B34/E1	
1TA0ADDA	1DI1		104-138	338	I	PBADDA	B33/E0	

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148 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1TA0ADDA	1TSSI-SP		104-144	318	O	DIAA1	B34/E1
1TA0ADDB	1DI1		104-138	238	I	PBADDB	B33/E0
1TA0ADDB	1TSSI-SP		104-144	218	O	DIAA2	B34/E1
1TA0ADDC	1DI1		104-138	138	I	PBADDC	B33/E0
1TA0ADDC	1TSSI-SP		104-144	118	O	DIAA3	B34/E1
1TA0ADDD	1DI1		104-138	038	I	PBADDD	B33/E0
1TA0ADDD	1TSSI-SP		104-144	018	O	DIAA4	B34/E1
1TA0DIS0	1DI1		104-138	051	I	DISEL0	B33/E0
1TA0DIS0	1TSSI-SP		104-144	150	O	DIASL	B34/E1
1TACTFFX	004-017	004-017	045		IO		B18/B4 *
1TACTFFX	004-018	004-018	305		IO		B18/B5 *
1TADD00X	004-016	004-016	039		IO		B18/B4 *
1TADD00X	004-018	004-018	541		IO		B18/B5 *
1TADD01X	004-017	004-017	033		IO		B18/C4 *
1TADD01X	004-018	004-018	323		IO		B18/C5 *
1TADD02X	004-017	004-017	034		IO		B18/C4 *
1TADD02X	004-018	004-018	322		IO		B18/C5 *
1TADD03X	004-017	004-017	035		IO		B18/C4 *
1TADD03X	004-018	004-018	321		IO		B18/C5 *
1TADD04X	004-017	004-017	036		IO		B18/C4 *
1TADD04X	004-018	004-018	320		IO		B18/C5 *
1TADD05X	004-017	004-017	037		IO		B18/C4 *
1TADD05X	004-018	004-018	221		IO		B18/C5 *
1TADD06X	004-017	004-017	038		IO		B18/C4 *
1TADD06X	004-018	004-018	220		IO		B18/C5 *
1TADD07X	004-017	004-017	039		IO		B18/C4 *
1TADD07X	004-018	004-018	219		IO		B18/C5 *
1TADD08X	004-017	004-017	040		IO		B18/C4 *
1TADD08X	004-018	004-018	217		IO		B18/C5 *
1TADD09X	004-017	004-017	041		IO		B18/C4 *
1TADD09X	004-018	004-018	316		IO		B18/C5 *
1TADD10X	004-017	004-017	047		IO		B18/C4 *
1TADD10X	004-018	004-018	533		IO		B18/C5 *
1TADD11X	004-017	004-017	052		IO		B18/C4 *
1TADD11X	004-018	004-018	534		IO		B18/C5 *
1TADD12X	004-017	004-017	053		IO		B18/D4 *
1TADD12X	004-018	004-018	535		IO		B18/D5 *
1TADD13X	004-017	004-017	054		IO		B18/D4 *
1TADD13X	004-018	004-018	536		IO		B18/D5 *
1TADD14X	004-017	004-017	055		IO		B18/D4 *
1TADD14X	004-018	004-018	537		IO		B18/D5 *
1TADD15X	004-016	004-016	054		IO		B18/D4 *
1TADD15X	004-018	004-018	538		IO		B18/D5 *
1TADD16X	004-016	004-016	053		IO		B18/D4 *
1TADD16X	004-018	004-018	539		IO		B18/D5 *
1TADD17X	004-016	004-016	052		IO		B18/D4 *
1TADD17X	004-018	004-018	540		IO		B18/D5 *
1TALWIOX	004-017	004-017	043		IO		B18/D4 *
1TALWIOX	004-018	004-018	218		IO		B18/D5 *
1TB0ADDA	1DI0		104-130	338	I	PBADDA	B32/E0
1TB0ADDA	1TSSI-SP		104-144	338	O	DIBA1	B34/E1
1TB0ADDB	1DI0		104-130	238	I	PBADDB	B32/E0
1TB0ADDB	1TSSI-SP		104-144	238	O	DIBA2	B34/E1
1TB0ADDC	1DI0		104-130	138	I	PBADDC	B32/E0
1TB0ADDC	1TSSI-SP		104-144	138	O	DIBA3	B34/E1
1TB0ADDD	1DI0		104-130	038	I	PBADDD	B32/E0
1TB0ADDD	1TSSI-SP		104-144	038	O	DIBA4	B34/E1
1TB0DIS0	1DI0		104-130	051	I	DISEL0	B32/E0
1TB0DIS0	1TSSI-SP		104-144	050	O	DIBSL	B34/E1
1TDAT00X	004-016	004-016	033		IO		B18/D4 *
1TDAT00X	004-018	004-018	317		IO		B18/D5 *
1TDAT01X	004-016	004-016	034		IO		B18/D4 *
1TDAT01X	004-018	004-018	315		IO		B18/D5 *

149 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1TDAT02X	004-016	004-016	035		IO		B18/D4 *
1TDAT02X	004-018	004-018	314		IO		B18/D5 *
1TDAT03X	004-016	004-016	036		IO		B18/D4 *
1TDAT03X	004-018	004-018	212		IO		B18/D5 *
1TDAT04X	004-016	004-016	037		IO		B18/B4 *
1TDAT04X	004-018	004-018	312		IO		B18/B5 *
1TDAT05X	004-016	004-016	038		IO		B18/B4 *
1TDAT05X	004-018	004-018	311		IO		B18/B5 *
1TDAT06X	004-016	004-016	040		IO		B18/B4 *
1TDAT06X	004-018	004-018	310		IO		B18/B5 *
1TDAT07X	004-016	004-016	041		IO		B18/B4 *
1TDAT07X	004-018	004-018	309		IO		B18/B5 *
1TERM00	104-151	104-151	000		IO		B40/C4 *
1TERM00	104-161	104-161	000		IO		B40/C5 *
1TERM01	104-151	104-151	001		IO		B40/C4 *
1TERM01	104-161	104-161	001		IO		B40/C5 *
1TERM02	104-151	104-151	002		IO		B40/D4 *
1TERM02	104-161	104-161	002		IO		B40/D5 *
1TERM03	104-151	104-151	003		IO		B40/D4 *
1TERM03	104-161	104-161	003		IO		B40/D5 *
1TERM04	104-151	104-151	004		IO		B40/D4 *
1TERM04	104-161	104-161	004		IO		B40/D5 *
1TERM05	104-151	104-151	005		IO		B40/D4 *
1TERM05	104-161	104-161	005		IO		B40/D5 *
1TERM06	104-151	104-151	006		IO		B40/D4 *
1TERM06	104-161	104-161	006		IO		B40/D5 *
1TERM07	104-151	104-151	007		IO		B40/D4 *
1TERM07	104-161	104-161	007		IO		B40/D5 *
1TERM08	104-151	104-151	008		IO		B40/D4 *
1TERM08	104-161	104-161	008		IO		B40/D5 *
1TERM09	104-151	104-151	009		IO		B40/D4 *
1TERM09	104-161	104-161	009		IO		B40/D5 *
1TERM10	104-151	104-151	010		IO		B40/D4 *
1TERM10	104-161	104-161	010		IO		B40/D5 *
1TERM11	104-151	104-151	011		IO		B40/D4 *
1TERM11	104-161	104-161	011		IO		B40/D5 *
1TERM12	104-151	104-151	012		IO		B40/B4 *
1TERM12	104-161	104-161	012		IO		B40/B5 *
1TERM13	104-151	104-151	013		IO		B40/B4 *
1TERM13	104-161	104-161	013		IO		B40/B5 *
1TERM14	104-151	104-151	014		IO		B40/B4 *
1TERM14	104-161	104-161	014		IO		B40/B5 *
1TERM15	104-151	104-151	015		IO		B40/B4 *
1TERM15	104-161	104-161	015		IO		B40/B5 *
1TERM16	104-151	104-151	016		IO		B40/B4 *
1TERM16	104-161	104-161	016		IO		B40/B5 *
1TERM17	104-151	104-151	017		IO		B40/B4 *
1TERM17	104-161	104-161	017		IO		B40/B5 *
1TERM18	104-151	104-151	018		IO		B40/B4 *
1TERM18	104-161	104-161	018		IO		B40/B5 *
1TERM19	104-151	104-151	019		IO		B40/B4 *
1TERM19	104-161	104-161	019		IO		B40/B5 *
1TERM20	104-151	104-151	020		IO		B40/B4 *
1TERM20	104-161	104-161	020		IO		B40/B5 *
1TERM21	104-151	104-151	021		IO		B40/B4 *
1TERM21	104-161	104-161	021		IO		B40/B5 *
1TERM22	104-151	104-151	022		IO		B40/B4 *
1TERM22	104-161	104-161	022		IO		B40/B5 *
1TERM23	104-151	104-151	023		IO		B40/F4 *
1TERM23	104-161	104-161	023		IO		B40/F5 *
1TERM24	104-151	104-151	024		IO		B40/F4 *
1TERM24	104-161	104-161	024		IO		B40/F5 *
1TERM32	104-151	104-151	032		IO		B40/F4 *
1TERM32	104-161	104-161	032		IO		B40/F5 *

150 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1TERM33	104-151	104-151	033		IO		B40/F4 *
1TERM33	104-161	104-161	033		IO		B40/F5 *
1TERM34	104-151	104-151	034		IO		B40/F4 *
1TERM34	104-161	104-161	034		IO		B40/F5 *
1TERM35	104-151	104-151	035		IO		B40/F4 *
1TERM35	104-161	104-161	035		IO		B40/F5 *
1TERM36	104-151	104-151	036		IO		B40/F4 *
1TERM36	104-161	104-161	036		IO		B40/F5 *
1TERM37	104-151	104-151	037		IO		B40/F4 *
1TERM37	104-161	104-161	037		IO		B40/F5 *
1TERM38	104-151	104-151	038		IO		B40/F4 *
1TERM38	104-161	104-161	038		IO		B40/F5 *
1TERM39	104-151	104-151	039		IO		B40/F4 *
1TERM39	104-161	104-161	039		IO		B40/F5 *
1TERM40	104-151	104-151	040		IO		B40/F4 *
1TERM40	104-161	104-161	040		IO		B40/F5 *
1TERM41	104-151	104-151	041		IO		B40/G4 *
1TERM41	104-161	104-161	041		IO		B40/G5 *
1TERM42	104-151	104-151	042		IO		B40/G4 *
1TERM42	104-161	104-161	042		IO		B40/G5 *
1TERM43	104-151	104-151	043		IO		B40/G4 *
1TERM43	104-161	104-161	043		IO		B40/G5 *
1TERM44	104-151	104-151	044		IO		B40/G4 *
1TERM44	104-161	104-161	044		IO		B40/G5 *
1TERM45	104-151	104-151	045		IO		B40/G4 *
1TERM45	104-161	104-161	045		IO		B40/G5 *
1TERM46	104-151	104-151	046		IO		B40/G4 *
1TERM46	104-161	104-161	046		IO		B40/G5 *
1TERM47	104-151	104-151	047		IO		B40/G4 *
1TERM47	104-161	104-161	047		IO		B40/G5 *
1TERM48	104-151	104-151	048		IO		B40/G4 *
1TERM48	104-161	104-161	048		IO		B40/G5 *
1TERM49	104-151	104-151	049		IO		B40/G4 *
1TERM49	104-161	104-161	049		IO		B40/G5 *
1TERM50	104-151	104-151	050		IO		B40/G4 *
1TERM50	104-161	104-161	050		IO		B40/G5 *
1TERM51	104-151	104-151	051		IO		B40/H4 *
1TERM51	104-161	104-161	051		IO		B40/H5 *
1TERM52	104-151	104-151	052		IO		B40/H4 *
1TERM52	104-161	104-161	052		IO		B40/H5 *
1TERM53	104-151	104-151	053		IO		B40/H4 *
1TERM53	104-161	104-161	053		IO		B4

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151 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1TEST-48	EP7	101-024-0B0	3	P	PWR3	B38/C6	
1TEST-48	EP7	101-024-0B0	4	P	PWR4	B38/C6	
1TEST-48	104-018	104-018	400	P		B38/B6	*
1TEST-48	104-018	104-018	401	P		B38/B6	*
1TEST-48	104-018	104-018	500	P		B38/B6	*
1TEST-48	104-018	104-018	501	P		B38/B7	*
1TESTRTN	101-018	101-018	2B0	G		B38/B6	*
1TESTRTN	EP6	101-018-2B0	1	P	PWR1	B38/C6	
1TESTRTN	EP6	101-018-2B0	2	P	PWR2	B38/C6	
1TESTRTN	EP6	101-018-2B0	3	P	PWR3	B38/C6	
1TESTRTN	EP6	101-018-2B0	4	P	PWR4	B38/C6	
1TESTRTN	104-018	104-018	402	G		B38/B6	*
1TESTRTN	104-018	104-018	403	G		B38/B6	*
1TESTRTN	104-018	104-018	502	G		B38/B6	*
1TESTRTN	104-018	104-018	503	G		B38/B6	*
1TEXTACC	1CS2	104-034	243	I	TEXTACC	B23/E0	
1TEXTACC	1CORE	104-042	243	O	TEXTACC	B24/E0	
1TEXTACC	1MEM1	104-050	138	IO	TEXTACC	B25/E0	
1TEXTACC	1MEM2	104-058	138	IO	TEXTACC	B25/E5	
1TEXTACC	1MEM3	104-064	138	IO	TEXTACC	B26/E0	
1TEXTACC	1MEM4	104-070	138	IO	TEXTACC	B26/E5	
1TEXTACC	1MEM5	104-076	138	IO	TEXTACC	B27/E0	
1TEXTACC	1MEM6	104-082	138	IO	TEXTACC	B27/E5	
1TIODECX	004-016	004-016	043	IO		B18/E4	*
1TIODECX	004-018	004-018	223	IO		B18/E5	*
1TM1STP	1CS1	104-026	146	O	TM1STP	B22/E1	
1TM1STP	104-033	104-033	046	IO		B22/F8	*
1TM2STP	1CS1	104-026	046	O	TM2STP	B22/E1	
1TM2STP	104-032	104-032	046	IO		B22/F8	*
1TMACT	1CS1	104-026	150	O	TMACT	B22/E1	
1TMACT	104-033	104-033	050	IO		B22/F8	*
1TMAFF	1CS1	104-026	048	O	TMAFF	B22/E1	
1TMAFF	104-032	104-032	048	IO		B22/F8	*
1TMCNTER	1CS1	104-026	149	O	TMCNTER	B22/E1	
1TMCNTER	104-033	104-033	049	IO		B22/F8	*
1TMDRQ	1CS1	104-026	148	O	TMDRQ	B22/E1	
1TMDRQ	104-033	104-033	048	IO		B22/F8	*
1TMFIACT	1CS1	104-026	147	O	TMFIACT	B22/E1	
1TMFIACT	104-033	104-033	047	IO		B22/F8	*
1TMONINX	004-017	004-017	048	IO		B18/E4	*
1TMONINX	004-018	004-018	307	IO		B18/E5	*
1TMOOS	1CS1	104-026	515	O	TMOOS	B22/E1	
1TMOOS	104-033	104-033	035	IO		B22/F8	*
1TMPERR	1CS1	104-026	047	O	NC	B22/E1	
1TMPERR	104-032	104-032	047	IO		B22/F7	*
1TMPERR	1CS2	104-034	042	O	TMPERR	B23/E0	
1TMPFF	1CS1	104-026	414	O	TMPFF	B22/E1	
1TMPFF	104-032	104-032	035	IO		B22/F8	*
1TMRQIP	1CS1	104-026	415	O	TMRQIP	B22/E1	
1TMRQIP	104-033	104-033	036	IO		B22/F8	*
1TMRST	1CS1	104-026	049	O	TMRST	B22/E1	
1TMRST	104-032	104-032	049	IO		B22/F8	*
1TMT+	104-050	104-050	554	IO		B38/F2	*
1TMT+	104-055	104-055	054	O		B38/F2	*
1TMT+	1BIB10	104-055R	054	O	TMT+	B38/E2	
1TMT-	104-050	104-050	553	IO		B38/F2	*
1TMT-	104-055	104-055	053	O		B38/F2	*
1TMT-	1BIB10	104-055R	053	O	TMT-	B38/E2	
1TMTTHEN	1CS1	104-026	050	O	TMTTHEN	B22/E1	
1TMTTHEN	104-032	104-032	050	IO		B22/F9	*
1TMTTITA	1MEM1	104-050	053	IO	NC1TMTTITA	B25/E0	*
1TMULTRS	1CS1	104-026	448	I	TMULTRS	B22/E1	
1TMULTRS	1CS2	104-034	448	O	TMULTRS	B23/E0	
1TMUPDAT	1CS1	104-026	441	O	TMUPDATE	B22/E1	
1TMUPDAT	104-033	104-033	040	IO		B22/F9	*
1TMWSC	1CS1	104-026	514	O	TMWSC	B22/E1	
1TMWSC	104-033	104-033	034	IO		B22/F9	*
1TMXSC	1CS1	104-026	413	O	TMXSC	B22/E1	
1TMXSC	104-032	104-032	033	IO		B22/F9	*
1TMYSC	1CS1	104-026	513	O	TMYSC	B22/E1	

152 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1TMYSC	104-032	104-032	034	IO		B22/F9	*
1TMZSC	1CS1	104-026	412	O	TMZSC	B22/E1	
1TMZSC	104-033	104-033	033	IO		B22/F9	*
1TPA0DIA	1DI1	104-138	306	I	NIBOTA	B33/E0	
1TPA0DIA	1TSI-SP	104-144	006	O	DIAON3	B34/E1	
1TPB0DIA	1DI0	104-130	306	I	NIBOTA	B32/E0	
1TPB0DIA	1TSI-SP	104-144	016	O	DIBON3	B34/E1	
1TPSRCMX	004-017	004-017	050	IO		B18/E4	*
1TPSRCMX	004-018	004-018	155	IO		B18/E5	*
1TPWRUPX	004-017	004-017	046	IO		B18/E4	*
1TPWRUPX	004-018	004-018	042	IO		B18/E5	*
1TRCV	104-120	104-120	306	IO		B39/C5	*
1TREAD0X	004-017	004-017	042	IO		B18/E4	*
1TREAD0X	004-018	004-018	319	IO		B18/E5	*
1TRESTRX	004-016	004-016	050	IO		B18/E4	*
1TRESTRX	004-018	004-018	018	IO		B18/E5	*
1TSANINH	104-033	104-033	017	IO		B23/B7	*
1TSANINH	1CS2	104-034	416	I	TSANINH	B23/E0	
1TSANINX	004-016	004-016	048	IO		B18/F4	*
1TSANINX	004-018	004-018	039	IO		B18/F5	*
1TSTA	1CS1	104-026	401	O	TSTA	B22/E1	
1TSTA	104-033	104-033	005	IO		B22/F9	*
1TSTB	1CS1	104-026	501	O	TSTB	B22/E1	
1TSTB	104-032	104-032	005	IO		B22/F9	*
1TSTWX	004-016	004-016	051	IO		B18/F4	*
1TSTWX	004-018	004-018	037	IO		B18/F5	*
1TTHEN1X	004-016	004-016	045	IO		B18/F4	*
1TTHEN1X	004-018	004-018	303	IO		B18/F5	*
1TVALOPX	004-017	004-017	051	IO		B18/F4	*
1TVALOPX	004-018	004-018	104	IO		B18/F5	*
1TWPSPIX	004-016	004-016	047	IO		B18/F4	*
1TWPSPIX	004-018	004-018	041	IO		B18/F5	*
1TWPSPIX	004-018	004-018	045	IO		B18/F5	*
1TWRT0X	004-016	004-016	042	IO		B18/F4	*
1TWRT0X	004-018	004-018	318	IO		B18/F5	*
1TXA0DID	1DI1	104-138	006	I	DIBOTD	B33/E0	
1TXA0DID	1TSI-SP	104-144	306	O	DIAON0	B34/E1	
1TXB0DID	1DI0	104-130	006	I	DIBOTD	B32/E0	
1TXB0DID	1TSI-SP	104-144	316	O	DIBON0	B34/E1	
1TXMIT	104-120	104-120	305	IO		B39/C5	*
1TYA0DIC	1DI1	104-138	106	I	NIBOTC	B33/E0	
1TYA0DIC	1TSI-SP	104-144	206	O	DIAON1	B34/E1	
1TYB0DIC	1DI0	104-130	106	I	NIBOTC	B32/E0	
1TYB0DIC	1TSI-SP	104-144	216	O	DIBON1	B34/E1	
1TZA0DIB	1DI1	104-138	206	I	NIBOTB	B33/E0	
1TZA0DIB	1TSI-SP	104-144	106	O	DIAON2	B34/E1	
1TZB0DIB	1DI0	104-130	206	I	NIBOTB	B32/E0	
1TZB0DIB	1TSI-SP	104-144	116	O	DIBON2	B34/E1	
1U16BYS0	1CORE	104-042	522	IO	U16BYS0	B24/E0	*
1U16BYS2	1CORE	104-042	423	IO	U16BYS1	B24/E0	*
1U16RDY	1CORE	104-042	453	IO	U16RDY	B24/E0	*
1U32BYS0	1CORE	104-042	520	IO	U32BYS0	B24/E0	*
1U32BYS1	1CORE	104-042	421	IO	U32BYS1	B24/E0	*
1U32BYS2	1CORE	104-042	521	IO	U32BYS2	B24/E0	*
1U32BYS3	1CORE	104-042	422	IO	U32BYS3	B24/E0	*
1U32RDY	1CORE	104-042	553	IO	U32RDY	B24/E0	*
1UADD00	1CORE	104-042	502	IO	UADD00	B24/E0	*
1UADD01	1CORE	104-042	403	IO	UADD01	B24/E0	*
1UADD02	1CORE	104-042	503	IO	UADD02	B24/E0	*

153 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1UADD03	1CORE	104-042	404	IO	UADD03	B24/E0	*
1UADD04	1CORE	104-042	504	IO	UADD04	B24/E0	*
1UADD05	1CORE	104-042	405	IO	UADD05	B24/E0	*
1UADD06	1CORE	104-042	505	IO	UADD06	B24/E0	*
1UADD07	1CORE	104-042	406	IO	UADD07	B24/E0	*
1UADD08	1CORE	104-042	506	IO	UADD08	B24/E0	*
1UADD09	1CORE	104-042	407	IO	UADD09	B24/E0	*
1UADD10	1CORE	104-042	507	IO	UADD10	B24/E0	*
1UADD11	1CORE	104-042	408	IO	UADD11	B24/E0	*
1UADD12	1CORE	104-042	508	IO	UADD12	B24/E0	*
1UADD13	1CORE	104-042	409	IO	UADD13	B24/E0	*
1UADD14	1CORE	104-042	509	IO	UADD14	B24/E0	*
1UADD15	1CORE	104-042	410	IO	UADD15	B24/E0	*
1UADD16	1CORE	104-042	510	IO	UADD16	B24/E0	*
1UADD17	1CORE	104-042	411	IO	UADD17	B24/E0	*
1UADD18	1CORE	104-042	513	IO	UADD18	B24/E0	*
1UADD19	1CORE	104-042	414	IO	UADD19	B24/E0	*
1UADD20	1CORE	104-042	514	IO	UADD20	B24/E0	*
1UADD21	1CORE	104-042	415	IO	UADD21	B24/E0	*
1UADD22	1CORE	104-042	515	IO	UADD22	B24/E0	*
1UADD23	1CORE	104-042	416	IO	UADD23	B24/E0	*
1UADD24	1CORE	104-042	516	IO	UADD24	B24/E0	*
1UADD25	1CORE	104-042	417	IO	UADD25	B24/E0	*
1UADD26	1CORE	104-042	517	IO	UADD26	B24/E0	*
1UADD27	1CORE	104-042	418	IO	UADD27	B24/E0	*
1UADD28	1CORE	104-042	518	IO	UADD28	B24/E0	*
1UADD29	1CORE	104-042	419	IO	UADD29	B24/E0	*
1UADD30	1CORE	104-042	519	IO	UADD30	B24/E0	*
1UADD31	1CORE	104-042	420	IO	UADD31	B24/E0	*
1UADDPH	1CORE	104-042	402	IO	UADDPH	B24/E0	*
1UADDPL	1CORE	104-042	500	IO	UADDPL	B24/E0	*
1UADDPMH	1CORE	104-042	501	IO	UADDPMH	B24/E0	*
1UADDPML	1CORE	104-042	401	IO	UADDPML	B24/E0	*
1UBRDY	1CORE	104-042	552	IO	UBRDY	B24/E0	*
1UBYTSLP	1CORE	104-042	523	IO	UBYTSLP	B24/E0	*
1UDAT00	1CORE	104-042	534	IO	UDAT00	B24/E0	*
1UDAT01	1CORE	104-042	435	IO	UDAT01	B24/E0	*
1UDAT02	1CORE	104-042	535	IO	UDAT02	B24/E0	*

A

B

C

D

E

F

	0	1	2	3	4	5	6	7	8	9	
A											A
B											B
C											C
D											D
E											E
F											F
G											G
H											H

154	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1UDAT03	1CORE		104-042	436	IO	UDAT03	B24/E0	*
1UDAT04	1CORE		104-042	536	IO	UDAT04	B24/E0	*
1UDAT05	1CORE		104-042	437	IO	UDAT05	B24/E0	*
1UDAT06	1CORE		104-042	537	IO	UDAT06	B24/E0	*
1UDAT07	1CORE		104-042	438	IO	UDAT07	B24/E0	*
1UDAT08	1CORE		104-042	538	IO	UDAT08	B24/E0	*
1UDAT09	1CORE		104-042	439	IO	UDAT09	B24/E0	*
1UDAT10	1CORE		104-042	539	IO	UDAT10	B24/E0	*
1UDAT11	1CORE		104-042	440	IO	UDAT11	B24/E0	*
1UDAT12	1CORE		104-042	540	IO	UDAT12	B24/E0	*
1UDAT13	1CORE		104-042	441	IO	UDAT13	B24/E0	*
1UDAT14	1CORE		104-042	541	IO	UDAT14	B24/E0	*
1UDAT15	1CORE		104-042	442	IO	UDAT15	B24/E0	*
1UDAT16	1CORE		104-042	542	IO	UDAT16	B24/E0	*
1UDAT17	1CORE		104-042	443	IO	UDAT17	B24/E0	*
1UDAT18	1CORE		104-042	545	IO	UDAT18	B24/E0	*
1UDAT19	1CORE		104-042	446	IO	UDAT19	B24/E0	*
1UDAT20	1CORE		104-042	546	IO	UDAT20	B24/E0	*
1UDAT21	1CORE		104-042	447	IO	UDAT21	B24/E0	*
1UDAT22	1CORE		104-042	547	IO	UDAT22	B24/E0	*
1UDAT23	1CORE		104-042	448	IO	UDAT23	B24/E0	*
1UDAT24	1CORE		104-042	548	IO	UDAT24	B24/E0	*
1UDAT25	1CORE		104-042	449	IO	UDAT25	B24/E0	*
1UDAT26	1CORE		104-042	549	IO	UDAT26	B24/E0	*
1UDAT27	1CORE		104-042	450	IO	UDAT27	B24/E0	*
1UDAT28	1CORE		104-042	550	IO	UDAT28	B24/E0	*
1UDAT29	1CORE		104-042	451	IO	UDAT29	B24/E0	*
1UDAT30	1CORE		104-042	551	IO	UDAT30	B24/E0	*
1UDAT31	1CORE		104-042	452	IO	UDAT31	B24/E0	*
1UDATPH	1CORE		104-042	434	IO	UDATPH	B24/E0	*
1UDATPL	1CORE		104-042	532	IO	UDATPL	B24/E0	*
1UDATPMH	1CORE		104-042	533	IO	UDATPMH	B24/E0	*
1UDATPML	1CORE		104-042	433	IO	UDATPML	B24/E0	*
1UMJPEN	1CORE		104-042	455	IO	MUPEN	B24/E0	*
1UMPERR	1CORE		104-042	454	IO	MPERR	B24/E0	*
1UPDATE	1CS1		104-026	054	O	UPDATE	B22/E1	
1UPDATE	1CORE		104-042	352	I	UPDATE	B24/E0	
1UPDWP	1CS2		104-034	146	O	UPDWP	B23/E0	
1UPDWP	1MEM1		104-050	146	I	UPDWP	B25/E0	
1UPDWP	1MEM2		104-058	146	I	UPDWP	B25/E5	
1UPDWP	1MEM3		104-064	146	I	UPDWP	B26/E0	
1UPDWP	1MEM4		104-070	146	I	UPDWP	B26/E5	
1UPDWP	1MEM5		104-076	146	I	UPDWP	B27/E0	
1UPDWP	1MEM6		104-082	146	I	UPDWP	B27/E5	
1UREAD	1CORE		104-042	424	IO	UREAD	B24/E0	*
1UWRITE	1CORE		104-042	554	IO	UWRITE	B24/E0	*
1WARP	1CS2		104-034	538	O	WARP	B23/E0	
1WARP	1CORE		104-042	238	I	WARP	B24/E0	
1WARPINX	004-016		004-016	046	IO		B18/F4	*
1WARPINX	004-018		004-018	521	IO		B18/F5	*
1WPDAT	1CS2		104-034	046	O	WPDAT	B23/E0	
1WPDAT	1MEM1		104-050	046	I	WPDAT	B25/E0	
1WPDAT	1MEM2		104-058	046	I	WPDAT	B25/E5	
1WPDAT	1MEM3		104-064	046	I	WPDAT	B26/E0	

155	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1WPDAT	1MEM4		104-070	046	I	WPDAT	B26/E5	
1WPDAT	1MEM5		104-076	046	I	WPDAT	B27/E0	
1WPDAT	1MEM6		104-082	046	I	WPDAT	B27/E5	
1WPERR	1CS2		104-034	147	I	WPERR	B23/E0	
1WPERR	1MEM1		104-050	147	O	WPERR	B25/E0	
1WPERR	1MEM2		104-058	147	O	WPERR	B25/E5	
1WPERR	1MEM3		104-064	147	O	WPERR	B26/E0	
1WPERR	1MEM4		104-070	147	O	WPERR	B26/E5	
1WPERR	1MEM5		104-076	147	O	WPERR	B27/E0	
1WPERR	1MEM6		104-082	147	O	WPERR	B27/E5	
1WPROTER	1CS1		104-026	545	I	WPROTER	B22/E1	
1WPROTER	1CS2		104-034	545	O	WPROTER	B23/E0	
1WPSTAT	1CS2		104-034	145	I	WPSTAT	B23/E0	
1WPSTAT	1MEM1		104-050	148	O	WPSTAT	B25/E0	
1WPSTAT	1MEM2		104-058	148	O	WPSTAT	B25/E5	
1WPSTAT	1MEM3		104-064	148	O	WPSTAT	B26/E0	
1WPSTAT	1MEM4		104-070	148	O	WPSTAT	B26/E5	
1WPSTAT	1MEM5		104-076	148	O	WPSTAT	B27/E0	
1WPSTAT	1MEM6		104-082	148	O	WPSTAT	B27/E5	
1WRSTRB	1CS2		104-034	345	I	WRSTRB	B23/E0	
1WRSTRB	1CORE		104-042	345	O	WRSTRB	B24/E0	
1X8KREF0	104-120		104-120	202	O		B39/D5	*
1X8KREF1	104-120		104-120	203	O		B39/D5	*
1X8KRFA	1CONN		104-156	254	IO	X8KRFA	B37/E4	*
1X8KRFA	1DLI		104-156	254	I	EX8KRFA	B35/E0	
1X8KRFB	1CONN		104-156	306	IO	X8KRFB	B37/E4	*
1X8KRFB	1DLI		104-156	306	I	EX8KRFB	B35/E0	
1XAINER	104-120		104-120	205	O		B39/D5	*
1XAINFR	1CONN		104-156	232	IO	XAINFR	B37/E4	*
1XAINFR	1DLI		104-156	232	I	EXAINFR	B35/E0	
1XBINER	104-120		104-120	206	O		B39/D5	*
1XBINFR	1CONN		104-156	322	IO	XBINFR	B37/E4	*
1XBINFR	1DLI		104-156	322	I	EXBINFR	B35/E0	
1XGPRESO	104-117		104-117	006	I		B40/D1	*
1XTRAIINT	1CS2		104-034	352	I	XTRAIINT	B23/E0	*
1XTRAIINT	104-050		104-050	521	IO		B23/B8	*
1XTRAIINT	104-055		104-055	021	IO		B23/B8	*
1ZIN	1CS1		104-026	504	I	ZIN	B22/E1	
1ZIN	104-032		104-032	004	IO		B22/B6	*

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AT&T	SD-5D151-01	
	SHEET	A59

MCTUS, LOWER SHELF



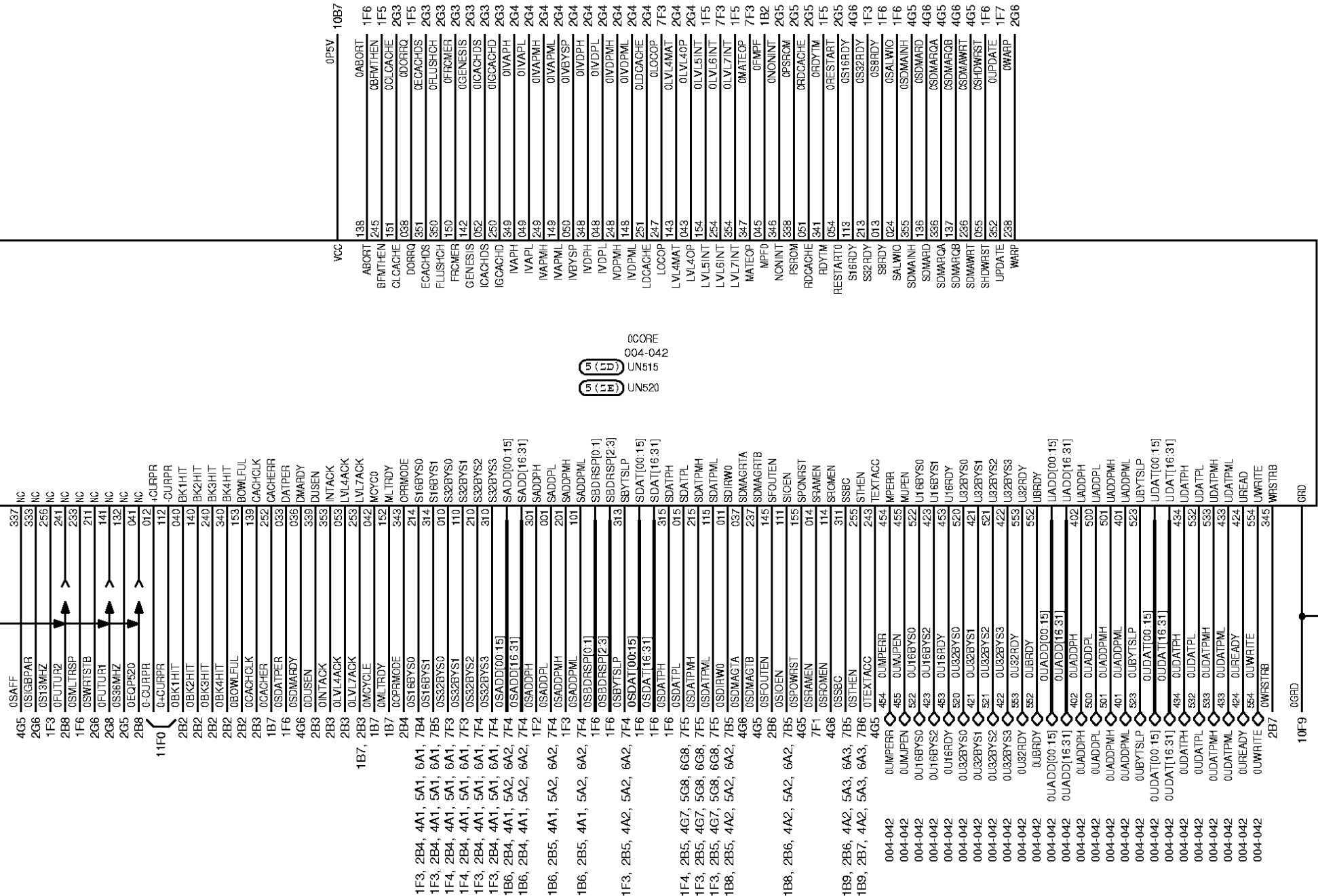
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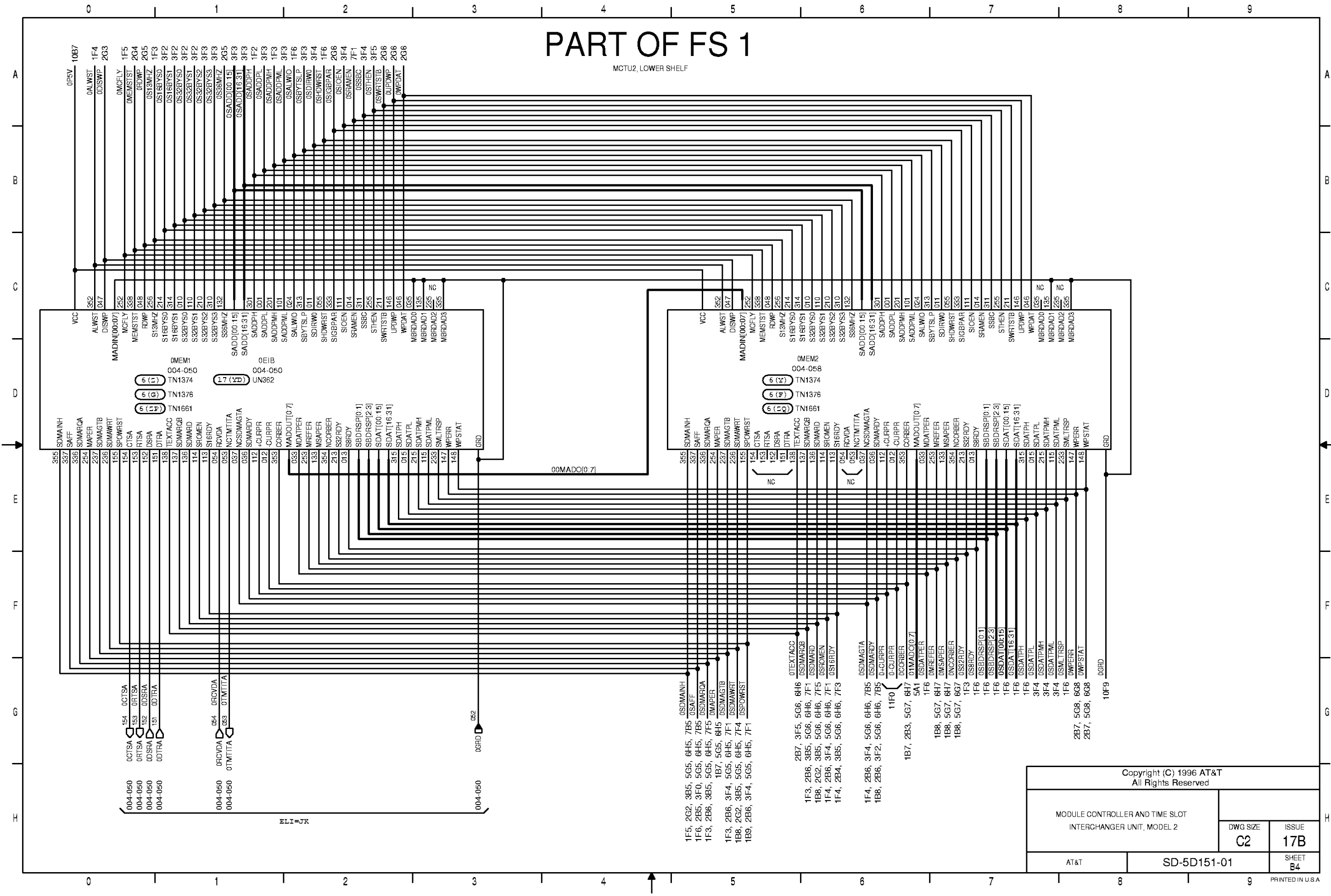


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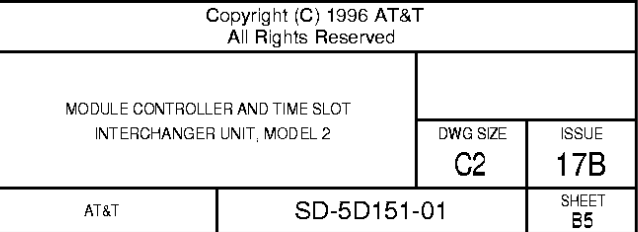
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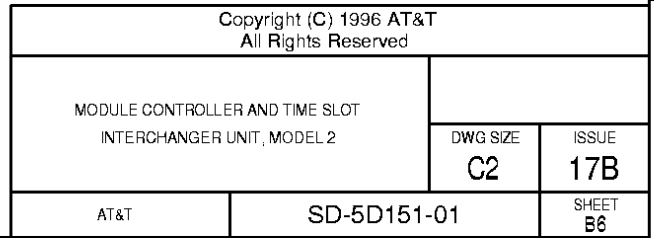
MCTU2, LOWER SHELF



MCTU2, LOWER SHELF

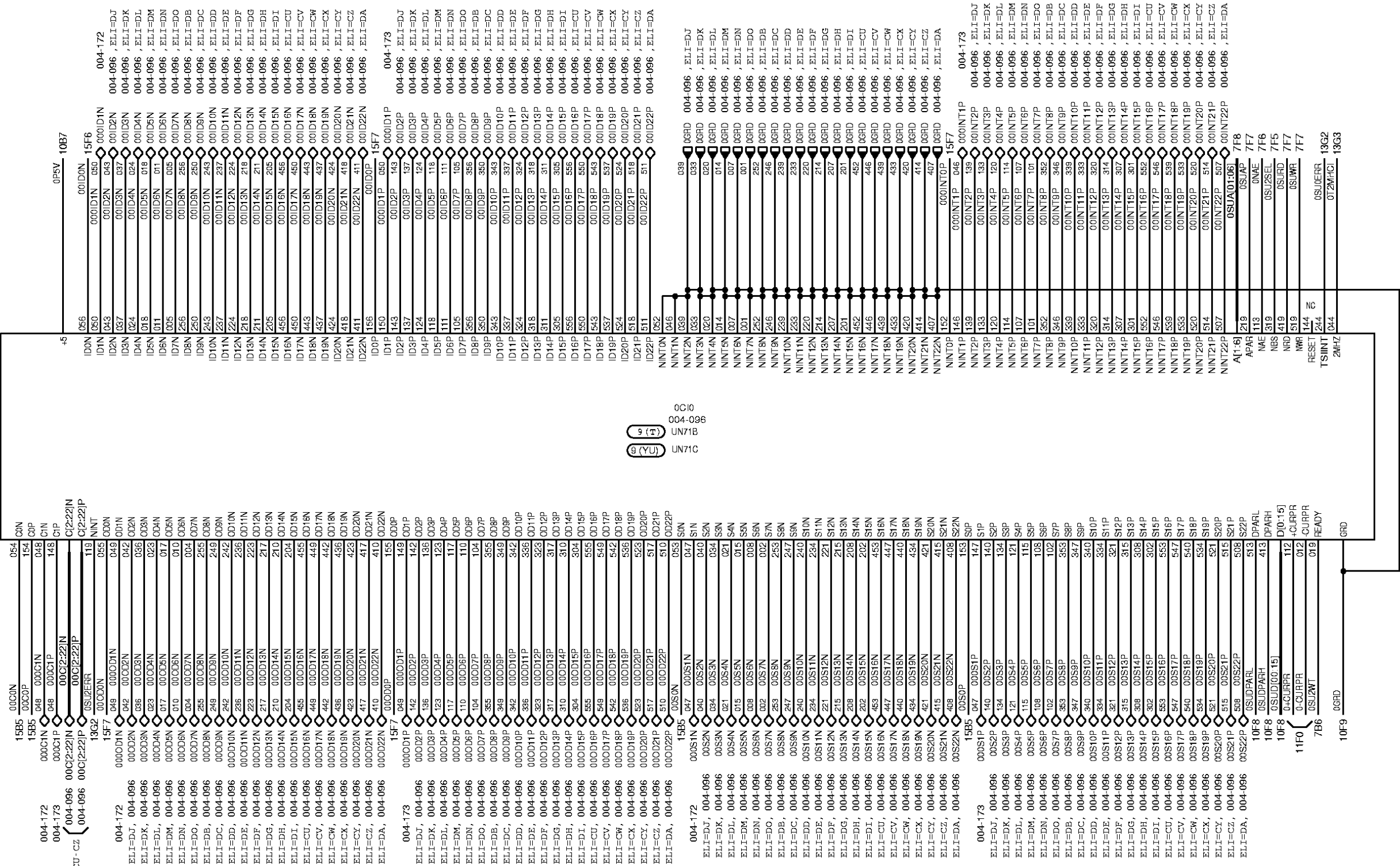


MCTU2, LOWER SHELF



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MCTU2, LOWER SHELF



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MODULE CONTROLLER AND TIME SLOT INTERCHANGER UNIT, MODEL 2	DWG SIZE	ISSUE
	C2	20B
AT&T	SD-5D151-01	
	SHEET B8	

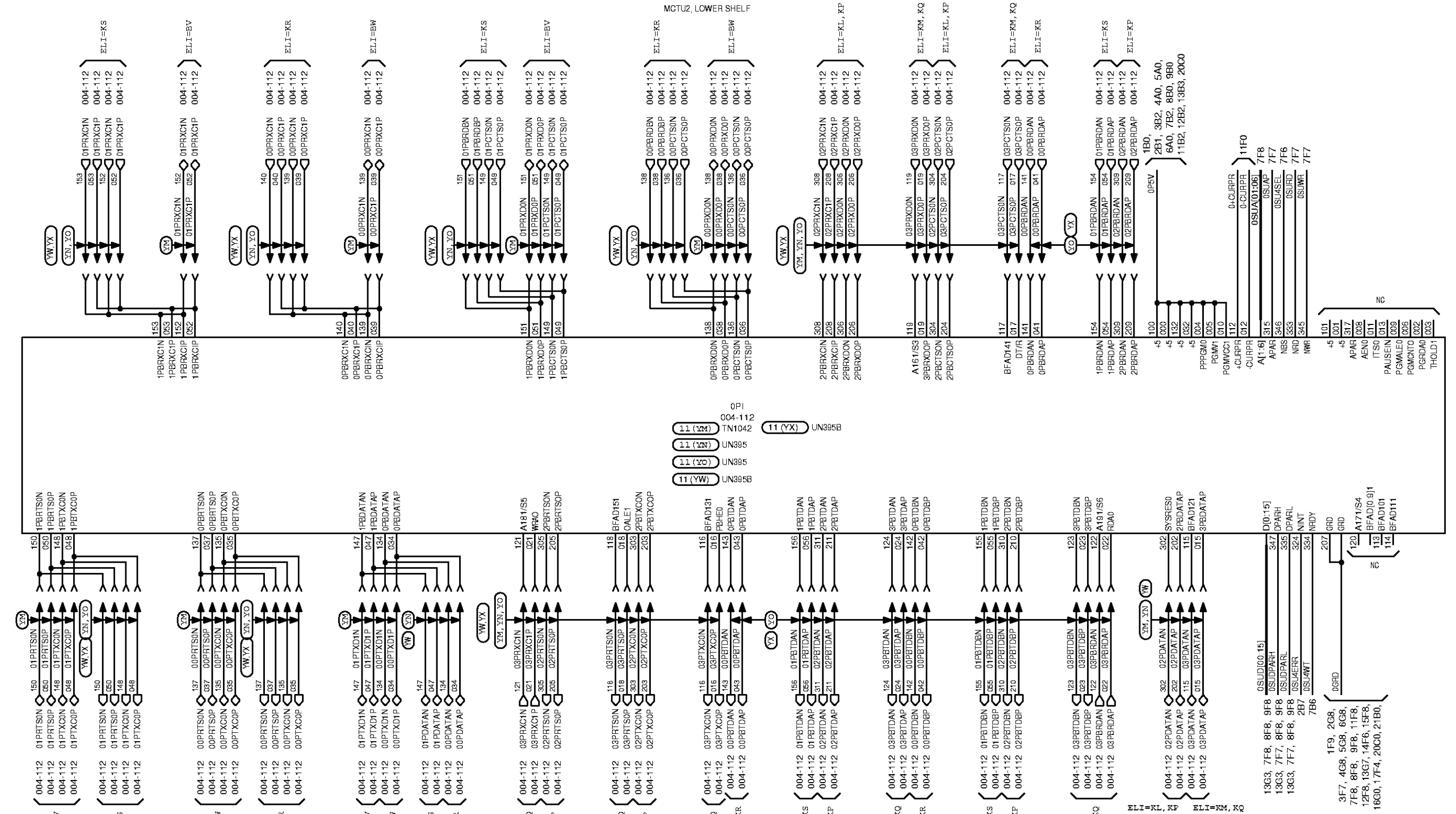
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MCTU2, LOWER SHELF

004-104		01C0N	054	01C0N	054	03N	054	01D0N	056	004-104 , ELI=CM
004-104		01C0P	154	01C0P	154	03P	154	01D1N	050	004-104 , ELI=CN
004-104		01C1N	048	01C1N	048	03N	048	01D2N	043	004-104 , ELI=CO
004-104		01C1P	148	01C1P	148	03P	148	01D3N	037	004-104 , ELI=CP
004-104		01C2:22N		01C2:22N		03N		01D4N	024	004-104 , ELI=CQ
004-104		01C2:22P		01C2:22P		03P		01D5N	018	004-104 , ELI=CR
004-104		01C2:22P		01C2:22P		03N		01D6N	011	004-104 , ELI=CS
004-104		01C2:22P		01C2:22P		03N		01D7N	005	004-104 , ELI=CT
004-104		01C2:22P		01C2:22P		03N		01D8N	256	004-104 , ELI=CE
004-104		01C2:22P		01C2:22P		03N		01D9N	250	004-104 , ELI=CF
004-104		01C2:22P		01C2:22P		03N		01D10N	243	004-104 , ELI=CG
004-104		01C2:22P		01C2:22P		03N		01D11N	237	004-104 , ELI=CH
004-104		01C2:22P		01C2:22P		03N		01D12N	224	004-104 , ELI=CI
004-104		01C2:22P		01C2:22P		03N		01D13N	218	004-104 , ELI=CJ
004-104		01C2:22P		01C2:22P		03N		01D14N	211	004-104 , ELI=CK
004-104		01C2:22P		01C2:22P		03N		01D15N	205	004-104 , ELI=CL
004-104		01C2:22P		01C2:22P		03N		01D16N	456	004-104 , ELI=CL
004-104		01C2:22P		01C2:22P		03N		01D17N	450	004-104 , ELI=BX
004-104		01C2:22P		01C2:22P		03N		01D18N	443	004-104 , ELI=BZ
004-104		01C2:22P		01C2:22P		03N		01D19N	437	004-104 , ELI=CA
004-104		01C2:22P		01C2:22P		03N		01D20N	424	004-104 , ELI=CB
004-104		01C2:22P		01C2:22P		03N		01D21N	418	004-104 , ELI=CC
004-104		01C2:22P		01C2:22P		03N		01D22N	411	004-104 , ELI=CD
004-104		01C0P	155	01C0P	155	03P	155	01D0P	156	004-104 , ELI=CM
004-104		01C0P	149	01C0P	149	03P	149	01D1P	150	004-104 , ELI=CN
004-104		01C0P	142	01C0P	142	03P	142	01D2P	143	004-104 , ELI=CO
004-104		01C0P	136	01C0P	136	03P	136	01D3P	137	004-104 , ELI=CP
004-104		01C0P	123	01C0P	123	03P	123	01D4P	124	004-104 , ELI=CQ
004-104		01C0P	117	01C0P	117	03P	117	01D5P	118	004-104 , ELI=CR
004-104		01C0P	110	01C0P	110	03P	110	01D6P	111	004-104 , ELI=CS
004-104		01C0P	104	01C0P	104	03P	104	01D7P	105	004-104 , ELI=CT
004-104		01C0P	355	01C0P	355	03P	355	01D8P	356	004-104 , ELI=CE
004-104		01C0P	349	01C0P	349	03P	349	01D9P	350	004-104 , ELI=CF
004-104		01C0P	342	01C0P	342	03P	342	01D10P	343	004-104 , ELI=CG
004-104		01C0P	336	01C0P	336	03P	336	01D11P	337	004-104 , ELI=CH
004-104		01C0P	323	01C0P	323	03P	323	01D12P	324	004-104 , ELI=CI
004-104		01C0P	317	01C0P	317	03P	317	01D13P	318	004-104 , ELI=CJ
004-104		01C0P	310	01C0P	310	03P	310	01D14P	311	004-104 , ELI=CK
004-104		01C0P	304	01C0P	304	03P	304	01D15P	305	004-104 , ELI=CL
004-104		01C0P	555	01C0P	555	03P	555	01D16P	556	004-104 , ELI=CL
004-104		01C0P	549	01C0P	549	03P	549	01D17P	550	004-104 , ELI=BX
004-104		01C0P	542	01C0P	542	03P	542	01D18P	543	004-104 , ELI=BY
004-104		01C0P	536	01C0P	536	03P	536	01D19P	537	004-104 , ELI=BZ
004-104		01C0P	523	01C0P	523	03P	523	01D20P	524	004-104 , ELI=CA
004-104		01C0P	517	01C0P	517	03P	517	01D21P	518	004-104 , ELI=CB
004-104		01C0P	510	01C0P	510	03P	510	01D22P	511	004-104 , ELI=CC
004-104		01C0P	053	01C0P	053	03P	053	01D0P	052	004-104 , ELI=CD
004-104		01C0P	047	01C0P	047	03P	047	01D1P	046	004-104 , ELI=CM
004-104		01C0P	040	01C0P	040	03P	040	01D2P	039	004-104 , ELI=CN
004-104		01C0P	034	01C0P	034	03P	034	01D3P	033	004-104 , ELI=CO
004-104		01C0P	021	01C0P	021	03P	021	01D4P	020	004-104 , ELI=CP
004-104		01C0P	015	01C0P	015	03P	015	01D5P	014	004-104 , ELI=CQ
004-104		01C0P	008	01C0P	008	03P	008	01D6P	007	004-104 , ELI=CR
004-104		01C0P	002	01C0P	002	03P	002	01D7P	001	004-104 , ELI=CS
004-104		01C0P	252	01C0P	252	03P	252	01D8P	252	004-104 , ELI=CT
004-104		01C0P	246	01C0P	246	03P	246	01D9P	246	004-104 , ELI=CE
004-104		01C0P	239	01C0P	239	03P	239	01D10P	239	004-104 , ELI=CF
004-104		01C0P	233	01C0P	233	03P	233	01D11P	233	004-104 , ELI=CG
004-104		01C0P	220	01C0P	220	03P	220	01D12P	220	004-104 , ELI=CH
004-104		01C0P	214	01C0P	214	03P	214	01D13P	214	004-104 , ELI=CI
004-104		01C0P	207	01C0P	207	03P	207	01D14P	214	004-104 , ELI=CJ
004-104		01C0P	201	01C0P	201	03P	201	01D15P	207	004-104 , ELI=CK
004-104		01C0P	452	01C0P	452	03P	452	01D16P	201	004-104 , ELI=CL
004-104		01C0P	446	01C0P	446	03P	446	01D17P	452	004-104 , ELI=CL
004-104		01C0P	439	01C0P	439	03P	439	01D18P	452	004-104 , ELI=BX
004-104		01C0P	433	01C0P	433	03P	433	01D19P	439	004-104 , ELI=BY
004-104		01C0P	420	01C0P	420	03P	420	01D20P	433	004-104 , ELI=BZ
004-104		01C0P	414	01C0P	414	03P	414	01D21P	433	004-104 , ELI=CA
004-104		01C0P	407	01C0P	407	03P	407	01D22P	420	004-104 , ELI=CB
004-104		01C0P	152	01C0P	152	03P	152	01D0P	414	004-104 , ELI=CC
004-104		01C0P	146	01C0P	146	03P	146	01D1P	407	004-104 , ELI=CD
004-104		01C0P	139	01C0P	139	03P	139	01D2P	152	004-104 , ELI=CM
004-104		01C0P	133	01C0P	133	03P	133	01D3P	146	004-104 , ELI=CN
004-104		01C0P	120	01C0P	120	03P	120	01D4P	139	004-104 , ELI=CO
004-104		01C0P	114	01C0P	114	03P	114	01D5P	133	004-104 , ELI=CP
004-104		01C0P	107	01C0P	107	03P	107	01D6P	120	004-104 , ELI=CQ
004-104		01C0P	352	01C0P	352	03P	352	01D7P	114	004-104 , ELI=CR
004-104		01C0P	346	01C0P	346	03P	346	01D8P	107	004-104 , ELI=CS
004-104		01C0P	339	01C0P	339	03P	339	01D9P	101	004-104 , ELI=CT
004-104		01C0P	333	01C0P	333	03P	333	01D10P	352	004-104 , ELI=CE
004-104		01C0P	320	01C0P	320	03P	320	01D11P	346	004-104 , ELI=CF
004-104		01C0P	314	01C0P	314	03P	314	01D12P	339	004-104 , ELI=CG
004-104		01C0P	307	01C0P	307	03P	307	01D13P	333	004-104 , ELI=CH
004-104		01C0P	301	01C0P	301	03P	301	01D14P	320	004-104 , ELI=CI
004-104		01C0P	552	01C0P	552	03P	552	01D15P	314	004-104 , ELI=CJ
004-104		01C0P	546	01C0P	546	03P	546	01D16P	307	004-104 , ELI=CK
004-104		01C0P	539	01C0P	539	03P	539	01D17P	301	004-104 , ELI=CL
004-104		01C0P	533	01C0P	533	03P	533	01D18P	552	004-104 , ELI=CL
004-104		01C0P	520	01C0P	520	03P	520	01D19P	546	004-104 , ELI=BX
004-104		01C0P	514	01C0P	514	03P	514	01D20P	539	004-104 , ELI=BY
004-104		01C0P	507	01C0P	507	03P	507	01D21P	533	004-104 , ELI=BZ
004-104		01C0P	501	01C0P	501	03P	501	01D22P	520	004-104 , ELI=CA
004-104		01C0P	050	01C0P	050	03P	050	01D0P	514	004-104 , ELI=CB
004-104		01C0P	044	01C0P	044	03P	044	01D1P	507	004-104 , ELI=CC
004-104		01C0P	038	01C0P	038	03P	038	01D2P	050	004-104 , ELI=CD
004-104		01C0P	032	01C0P	032	03P				

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MCTU2, LOWER SHELF



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MODULE CONTROLLER AND TIME SLOT
INTER-CHANGER UNIT, MODEL 2

DWG SIZE
C2

ISSUE
20B

AT&T

SD-5D151-01

SHEET
B10

PRINTED IN U.S.A.

1F0, 2G3, 3F1, 4G6, 5G7, 6H7,
7F1, 8F8, 9F8, 10B8, 12F0, 13G2,

0-CURPR
0-CURPR
0DIATEOP
13B3 0DIBTBOZ
13B3 0DICTBOY
13B3 0DIDTBOX

ELI=BU, 004-130	00PC00N	101	00PC00N	101	NIBND
ELI=BT, 004-130	00PC01N	107	00PC01N	107	0PBON
ELI=BS, 004-130	00PC02N	114	00PC02N	114	1PBON
ELI=BR, 004-130	00PC03N	120	00PC03N	120	2PBON
ELI=BM, 004-130	00PC04N	301	00PC04N	301	3PBON
ELI=BL, 004-130	00PC05N	307	00PC05N	307	4PBON
ELI=BK, 004-130	00PC06N	314	00PC06N	314	5PBON
ELI=BU, 004-130	00PC07N	320	00PC07N	320	6PBON
ELI=BT, 004-130	00PC08N	133	00PC08N	133	7PBON
ELI=BS, 004-130	00PC09N	139	00PC09N	139	8PBON
ELI=BR, 004-130	00PC10N	146	00PC10N	146	9PBON
ELI=BM, 004-130	00PC11N	152	00PC11N	152	10PBON
ELI=BL, 004-130	00PC12N	333	00PC12N	333	11PBON
ELI=BK, 004-130	00PC13N	339	00PC13N	339	12PBON
ELI=BU, 004-130	00PC14N	346	00PC14N	346	13PBON
ELI=BT, 004-130	00PC15N	352	00PC15N	352	14PBON
ELI=BS, 004-130	00PC00P	001	00PC00P	001	0PBOP
ELI=BR, 004-130	00PC01P	007	00PC01P	007	1PBOP
ELI=BM, 004-130	00PC02P	014	00PC02P	014	2PBOP
ELI=BL, 004-130	00PC03P	020	00PC03P	020	3PBOP
ELI=BK, 004-130	00PC04P	201	00PC04P	201	4PBOP
ELI=BU, 004-130	00PC05P	207	00PC05P	207	5PBOP
ELI=BT, 004-130	00PC06P	214	00PC06P	214	6PBOP
ELI=BS, 004-130	00PC07P	033	00PC07P	033	7PBOP
ELI=BR, 004-130	00PC08P	039	00PC08P	039	8PBOP
ELI=BM, 004-130	00PC09P	046	00PC09P	046	9PBOP
ELI=BL, 004-130	00PC10P	052	00PC10P	052	10PBOP
ELI=BK, 004-130	00PC11P	233	00PC11P	233	11PBOP
ELI=BU, 004-130	00PC12P	239	00PC12P	239	12PBOP
ELI=BT, 004-130	00PC13P	246	00PC13P	246	13PBOP
ELI=BS, 004-130	00PC14P	252	00PC14P	252	14PBOP
ELI=BR, 004-130	00PC15P	104	00PC15P	104	15PBOP
ELI=BM, 004-130	04MC00N	110	04MC00N	110	14MCN
ELI=BL, 004-130	04MC01N	117	04MC01N	117	24MCN
ELI=BK, 004-130	04MC02N	123	04MC02N	123	34MCN
ELI=BU, 004-130	04MC03N	304	04MC03N	304	44MCN
ELI=BT, 004-130	04MC04N	310	04MC04N	310	54MCN
ELI=BS, 004-130	04MC05N	317	04MC05N	317	64MCN
ELI=BR, 004-130	04MC06N	323	04MC06N	323	74MCN
ELI=BM, 004-130	04MC07N	136	04MC07N	136	84MCN
ELI=BL, 004-130	04MC08N	142	04MC08N	142	94MCN
ELI=BK, 004-130	04MC09N	149	04MC09N	149	104MCN
ELI=BU, 004-130	04MC10N	155	04MC10N	155	114MCN
ELI=BT, 004-130	04MC11N	335	04MC11N	335	124MCN
ELI=BS, 004-130	04MC12N	342	04MC12N	342	134MCN
ELI=BR, 004-130	04MC13N	349	04MC13N	349	144MCN
ELI=BM, 004-130	04MC14N	355	04MC14N	355	154MCN
ELI=BL, 004-130	04MC15N	004	04MC15N	004	164MCN
ELI=BK, 004-130	04MC16P	010	04MC16P	010	174MCP
ELI=BU, 004-130	04MC17P	017	04MC17P	017	24MCP
ELI=BT, 004-130	04MC18P	023	04MC18P	023	34MCP
ELI=BS, 004-130	04MC19P	204	04MC19P	204	44MCP
ELI=BR, 004-130	04MC20P	210	04MC20P	210	54MCP
ELI=BM, 004-130	04MC21P	217	04MC21P	217	64MCP
ELI=BL, 004-130	04MC22P	036	04MC22P	036	74MCP
ELI=BK, 004-130	04MC23P	042	04MC23P	042	84MCP
ELI=BU, 004-130	04MC24P	049	04MC24P	049	94MCP
ELI=BT, 004-130	04MC25P	055	04MC25P	055	104MCP
ELI=BS, 004-130	04MC26P	236	04MC26P	236	114MCP
ELI=BR, 004-130	04MC27P	242	04MC27P	242	124MCP
ELI=BM, 004-130	04MC28P	249	04MC28P	249	134MCP
ELI=BL, 004-130	04MC29P	255	04MC29P	255	144MCP
ELI=BK, 004-130	04MC30P	103	04MC30P	103	154MCP
ELI=BU, 004-130	04MC31N	109	04MC31N	109	164MCP
ELI=BT, 004-130	04MC32N	116	04MC32N	116	174MCP
ELI=BS, 004-130	04MC33N	122	04MC33N	122	184MCP
ELI=BR, 004-130	04MC34N	303	04MC34N	303	194MCP
ELI=BM, 004-130	04MC35N	316	04MC35N	316	204MCP
ELI=BL, 004-130	04MC36P	322	04MC36P	322	214MCP
ELI=BK, 004-130	04MC37N	135	04MC37N	135	224MCP
ELI=BU, 004-130	04MC38N	141	04MC38N	141	234MCP
ELI=BT, 004-130	04MC39N	148	04MC39N	148	244MCP
ELI=BS, 004-130	04MC40N	154	04MC40N	154	254MCP
ELI=BR, 004-130	04MC41N	335	04MC41N	335	264MCP
ELI=BM, 004-130	04MC42N	341	04MC42N	341	274MCP
ELI=BL, 004-130	04MC43N	348	04MC43N	348	284MCP
ELI=BK, 004-130	04MC44N	354	04MC44N	354	294MCP
ELI=BU, 004-130	04MC45N	003	04MC45N	003	304MCP
ELI=BT, 004-130	04MC46P	009	04MC46P	009	314MCP
ELI=BS, 004-130	04MC47P	016	04MC47P	016	324MCP
ELI=BR, 004-130	04MC48N	022	04MC48N	022	334MCP
ELI=BM, 004-130	04MC49P	203	04MC49P	203	344MCP
ELI=BL, 004-130	04MC50P	209	04MC50P	209	354MCP
ELI=BK, 004-130	04MC51N	216	04MC51N	216	364MCP
ELI=BU, 004-130	04MC52N	222	04MC52N	222	374MCP
ELI=BT, 004-130	04MC53N	035	04MC53N	035	384MCP
ELI=BS, 004-130	04MC54N	041	04MC54N	041	394MCP
ELI=BR, 004-130	04MC55N	048	04MC55N	048	404MCP
ELI=BM, 004-130	04MC56P	054	04MC56P	054	414MCP
ELI=BL, 004-130	04MC57N	059	04MC57N	059	424MCP
ELI=BK, 004-130	04MC58N	066	04MC58N	066	434MCP
ELI=BU, 004-130	04MC59P	072	04MC59P	072	444MCP
ELI=BT, 004-130	04MC60N	079	04MC60N	079	454MCP
ELI=BS, 004-130	04MC61N	086	04MC61N	086	464MCP
ELI=BR, 004-130	04MC62N	093	04MC62N	093	474MCP
ELI=BM, 004-130	04MC63P	100	04MC63P	100	484MCP
ELI=BL, 004-130	04MC64N	107	04MC64N	107	494MCP
ELI=BK, 004-130	04MC65N	114	04MC65N	114	504MCP
ELI=BU, 004-130	04MC66P	121	04MC66P	121	514MCP
ELI=BT, 004-130	04MC67N	128	04MC67N	128	524MCP
ELI=BS, 004-130	04MC68N	135	04MC68N	135	534MCP
ELI=BR, 004-130	04MC69P	142	04MC69P	142	544MCP
ELI=BM, 004-130	04MC70N	149	04MC70N	149	554MCP
ELI=BL, 004-130	04MC71N	156	04MC71N	156	564MCP
ELI=BK, 004-130	04MC72P	163	04MC72P	163	574MCP
ELI=BU, 004-130	04MC73N	170	04MC73N	170	584MCP
ELI=BT, 004-130	04MC74N	177	04MC74N	177	594MCP
ELI=BS, 004-130	04MC75N	184	04MC75N	184	604MCP
ELI=BR, 004-130	04MC76P	191	04MC76P	191	614MCP
ELI=BM, 004-130	04MC77N	198	04MC77N	198	624MCP
ELI=BL, 004-130	04MC78N	205	04MC78N	205	634MCP
ELI=BK, 004-130	04MC79P	212	04MC79P	212	644MCP
ELI=BU, 004-130	04MC80N	219	04MC80N	219	654MCP
ELI=BT, 004-130	04MC81N	226	04MC81N	226	664MCP
ELI=BS, 004-130	04MC82P	233	04MC82P	233	674MCP
ELI=BR, 004-130	04MC83N	240	04MC83N	240	684MCP
ELI=BM, 004-130	04MC84N	247	04MC84N	247	694MCP
ELI=BL, 004-130	04MC85N	254	04MC85N	254	704MCP
ELI=BK, 004-130	04MC86P	261	04MC86P	261	714MCP
ELI=BU, 004-130	04MC87N	268	04MC87N	268	724MCP
ELI=BT, 004-130	04MC88N	275	04MC88N	275	734MCP
ELI=BS, 004-130	04MC89P	282	04MC89P	282	744MCP
ELI=BR, 004-130	04MC90N	289	04MC90N	289	754MCP
ELI=BM, 004-130	04MC91N	296	04MC91N	296	764MCP
ELI=BL, 004-130	04MC92P	303	04MC92P	303	774MCP
ELI=BK, 004-130	04MC93N	310	04MC93N	310	784MCP
ELI=BU, 004-130	04MC94N	317	04MC94N	317	794MCP
ELI=BT, 004-130	04MC95N	324	04MC95N	324	804MCP
ELI=BS, 004-130	04MC96P	331	04MC96P	331	814MCP
ELI=BR, 004-130	04MC97N	338	04MC97N	338	824MCP
ELI=BM, 004-130	04MC98N	345	04MC98N	345	834MCP
ELI=BL, 004-130	04MC99P	352	04MC99P	352	844MCP
ELI=BK, 004-130	04MC100N	359	04MC100N	359	854MCP
ELI=BU, 004-130	04MC101N	366	04MC101N	366	864MCP
ELI=BT, 004-130	04MC102P	373	04MC102P	373	874MCP
ELI=BS, 004-130	04MC103N	380	04MC103N	380	884MCP
ELI=BR, 004-130	04MC104N	387	04MC104N	387	894MCP
ELI=BM, 004-130	04MC105N	394	04MC105N	394	904MCP
ELI=BL, 004-130	04MC106P	401	04MC106P	401	914MCP
ELI=BK, 004-130	04MC107N	408	04MC107N	408	924MCP
ELI=BU, 004-130	04MC108N	415	04MC108N	415	934MCP
ELI=BT, 004-130	04MC109P	422	04MC109P	422	944MCP
ELI=BS, 004-130	04MC110N	429	04MC110N	429	954MCP
ELI=BR, 004-130	04MC111N	436	04MC111N	436	964MCP
ELI=BM, 004-130	04MC112P	443	04MC112P	443	974MCP
ELI=BL, 004-130	04MC113N	450	04MC113N	450	984MCP
ELI=BK, 004-130	04MC114N	457	04MC114N	457	994MCP
ELI=BU, 004-130	04MC115N	464	04MC115N	464	004MCP
ELI=BT, 004-130	04MC116P	471	04MC116P	471	014MCP
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ELI=BR, 004-130	04MC118N	485	04MC118N	485	034MCP
ELI=BM, 004-130	04MC119P	492	04MC119P	492	044MCP
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ELI=BK, 004-130	04MC121N	507	04MC121N	507	064MCP
ELI=BU, 004-130	04MC122P	514	04MC122P	514	074MCP
ELI=BT, 004-130	04MC123N	521	04MC123N	521	084MCP
ELI=BS, 004-130	04MC124N	528	04MC124N	528	094MCP
ELI=BR, 004-130	04MC125N	535	04MC125N	535	104MCP
ELI=BM, 004-130	04MC126P	542	04MC126P	542	114MCP
ELI=BL, 004-130	04MC127N	549	04MC127N	549	124MCP
ELI=BK, 004-130	04MC128N	556	04MC128N	556	134MCP
ELI=BU, 004-130	04MC129P	563	04MC129P	563	144MCP
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ELI=BS, 004-130	04MC131N	577	04MC131N	577	164MCP
ELI=BR, 004-130	04MC132P	584	04MC132P	584	174MCP
ELI=BM, 004-130	04MC133N	591	04MC133N	591	184MCP
ELI=BL, 004-130	04MC134N	598	04MC134N	598	194MCP
ELI=BK, 004-130	04MC135N	605	04MC135N	605	204MCP
ELI=BU, 004-130	04MC136P	612	04MC136P	612	214MCP
ELI=BT, 004-130	04MC137N	619	04MC137N	619	224MCP
ELI=BS, 004-130	04MC138N	626	04MC138N	626	234MCP
ELI=BR, 004-130	04MC139P	633	04MC139P	633	244MCP
ELI=BM, 004-130	04MC140N	640	04MC140N	640	254MCP
ELI=BL, 004-130	04MC141N	647	04MC141N		

MCTU2, LOWER SHELF

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		DWG SIZE C2	ISSUE 17B
AT&T	SD-5D151-01		SHEET B12

PART OF FS 1

MCTU2, LOWER SHELF

TO CAD 2

OTSI-SP
004-144
7 (ZK) TN1086
7 (ZL) TN1086B

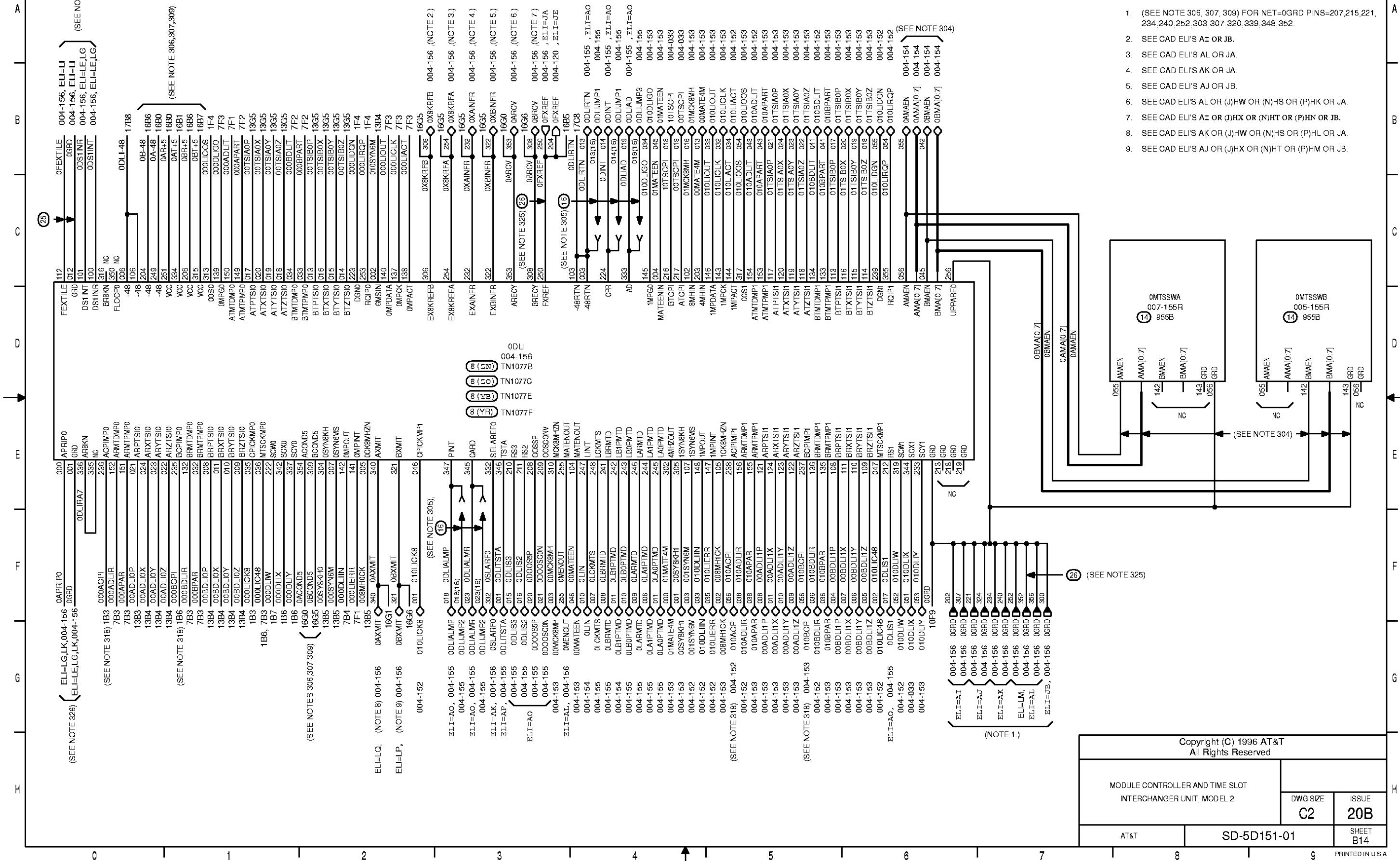
TO CAD 2

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MODULE CONTROLLER AND TIME SLOT INTERCHANGER UNIT, MODEL 2	DWG SIZE	ISSUE
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AT&T	SD-5D151-01	
	SHEET	B13

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MCTU2, LOWER SHELF

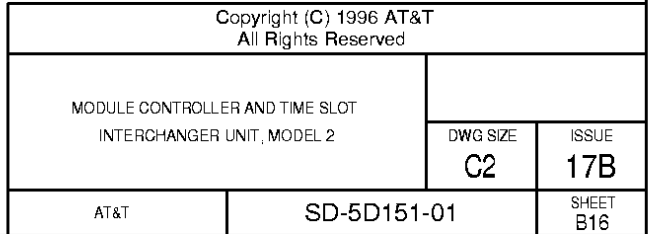
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234,240,252,303,307,320,339,348,352.
2. SEE CAD ELI'S A~~I~~ OR JB.
3. SEE CAD ELI'S A~~L~~ OR JA.
4. SEE CAD ELI'S A~~K~~ OR JA.
5. SEE CAD ELI'S A~~J~~ OR JB.
6. SEE CAD ELI'S A~~L~~ OR (J)H~~W~~ OR (N)H~~S~~ OR (P)H~~K~~ OR JA.
7. SEE CAD ELI'S A~~I~~ OR (J)H~~X~~ OR (N)H~~T~~ OR (P)H~~N~~ OR JB.
8. SEE CAD ELI'S A~~K~~ OR (J)H~~W~~ OR (N)H~~S~~ OR (P)H~~L~~ OR JA.
9. SEE CAD ELI'S A~~J~~ OR (J)H~~X~~ OR (N)H~~T~~ OR (P)H~~M~~ OR JB.



MCTUS, LOWER SHELF



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PART OF FS 1

MCTUS, LOWER SHELF

18 (YE)

P/O 0UNITTST
004-018
TERMINAL FIELD

P/O 0UNITTST
004-018
TERMINAL FIELD

0PIGRTH
004-120
TERMINAL FIELD

0CFCC
004-120
TN1838

004-011	0DAFFX	034	0DAFFX	242	0DAFFX	004-018
004-011	0DMB3X	035	0DMB3X	341	0DMB3X	004-018
004-011	0DTHENX	032	0DTHENX	342	0DTHENX	004-018
004-011	0DUPX	033	0DUPX	241	0DUPX	004-018
004-016	0DUSCS0X	023	0DUSCS0X	423	0DUSCS0X	004-018
004-017	0TACTFFX	013	0TACTFFX	006	0TACTFFX	004-018
004-016	0TADD00X	007	0TADD00X	441	0TADD00X	004-018
004-017	0TADD01X	001	0TADD01X	208	0TADD01X	004-018
004-017	0TADD02X	002	0TADD02X	215	0TADD02X	004-018
004-017	0TADD03X	003	0TADD03X	206	0TADD03X	004-018
004-017	0TADD04X	004	0TADD04X	205	0TADD04X	004-018
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004-017	0TADD07X	007	0TADD07X	122	0TADD07X	004-018
004-017	0TADD08X	008	0TADD08X	121	0TADD08X	004-018
004-017	0TADD09X	009	0TADD09X	224	0TADD09X	004-018
004-017	0TADD10X	015	0TADD10X	433	0TADD10X	004-018
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004-016	0TMONINX	016	0TMONINX	009	0TMONINX	004-018
004-017	0TPSROMX	018	0TPSROMX	055	0TPSROMX	004-018
004-017	0TPWRUPX	014	0TPWRUPX	043	0TPWRUPX	004-018
004-017	0TREAD0X	010	0TREAD0X	211	0TREAD0X	004-018
004-017	0TRESTRX	018	0TRESTRX	017	0TRESTRX	004-018
004-016	0TSANINX	016	0TSANINX	136	0TSANINX	004-018
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004-016	0TTHEN1X	013	0TTHEN1X	005	0TTHEN1X	004-018
004-017	0TVALOPX	019	0TVALOPX	204	0TVALOPX	004-018
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004-016	0T1SENSX	017	0T1SENSX	133	0T1SENSX	004-018
004-017	0T2SENSX	017	0T2SENSX	134	0T2SENSX	004-018
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004-011	1DAFFX	038	1DAFFX	236	1DAFFX	004-018
004-011	1DMB3X	039	1DMB3X	335	1DMB3X	004-018
004-011	1DTHENX	036	1DTHENX	336	1DTHENX	004-018
004-011	1DUPX	037	1DUPX	235	1DUPX	004-018
004-016	1DUSCS0X	055	1DUSCS0X	523	1DUSCS0X	004-018
004-017	1TACTFFX	045	1TACTFFX	305	1TACTFFX	004-018
004-017	1TADD00X	039	1TADD00X	541	1TADD00X	004-018
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004-017	1TRESTRX	050	1TRESTRX	018	1TRESTRX	004-018
004-016	1TSANINX	048	1TSANINX	039	1TSANINX	004-018
004-016	1TSTWX	051	1TSTWX	037	1TSTWX	004-018
004-016	1TTHEN1X	045	1TTHEN1X	303	1TTHEN1X	004-018
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004-016	1TWRT0X	042	1TWRT0X	318	1TWRT0X	004-018
004-016	1T1SENSX	049	1T1SENSX	033	1T1SENSX	004-018
004-017	1T2SENSX	049	1T2SENSX	034	1T2SENSX	004-018
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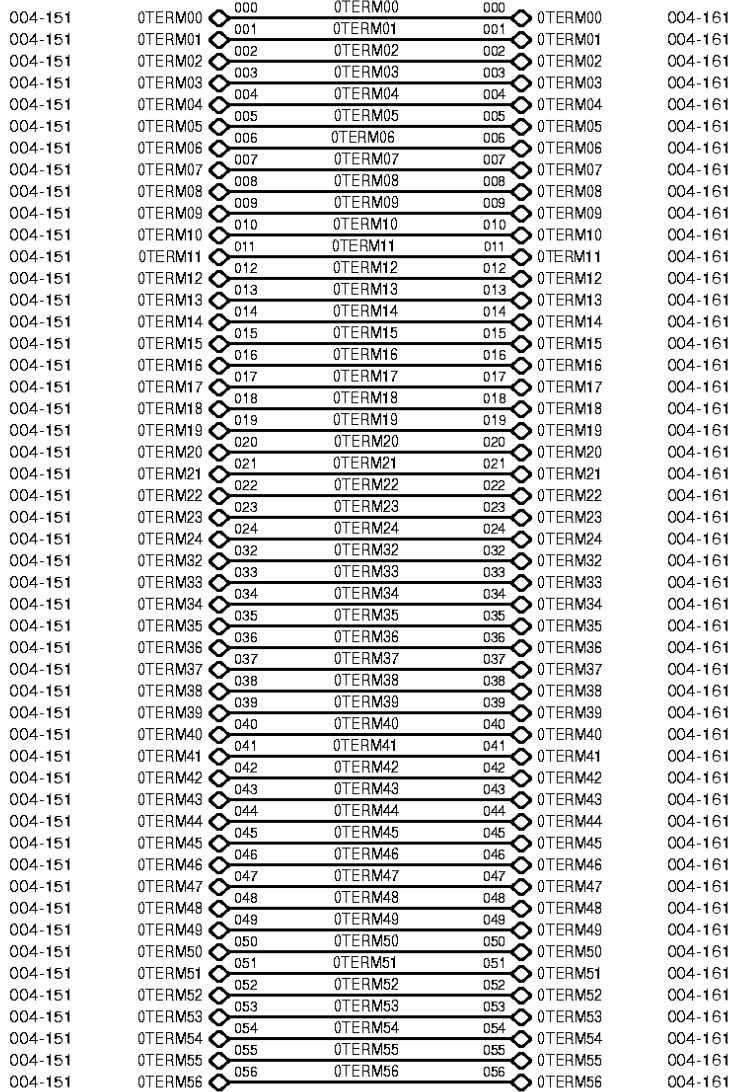
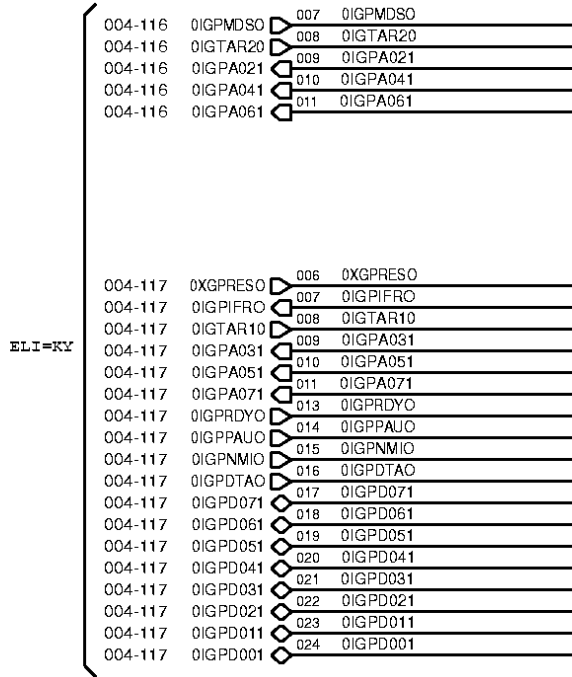
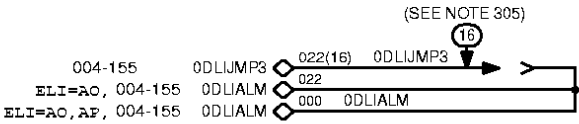
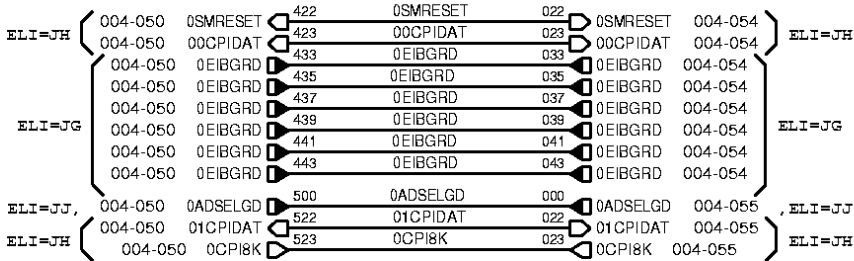
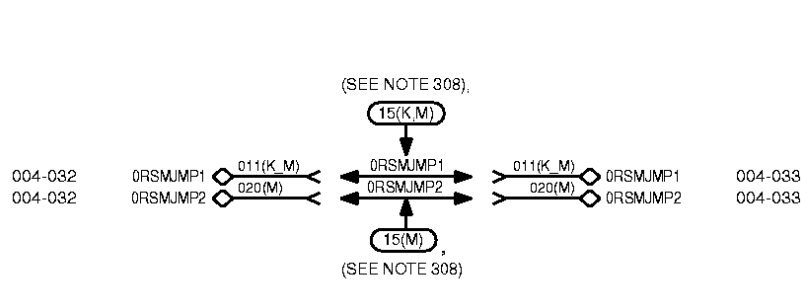
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004-120	0PBJUMP8	153		
004-120	OLIP24	302	OLIP24	
004-120	OLIN24	303	OLIN24	
004-120	OLIP30	308	OLIP30	
004-120	OLIN30	309	OLIN30	
004-120	ORXMIT	304	ORXMIT	
004-120	OTXMIT	305	OTXMIT	
004-120	OTRCV	306	OTRCV	
004-120	ORRCV	307	ORRCV	
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004-120	OMNOCKIN	236	OMNOCKIN	
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004-120	OX8KREF0	202	OX8KREF0	
004-120	OX8KREF1	203	OX8KREF1	
004-120	OXAINER	205	OXAINER	
004-120	OXBINER	206	OXBINER	

0DSCGRTH
004-178
TERMINAL FIELD

004-178	0+5VCC2A	120	0+5VCC2A	
004-178	0+5VCC2A	220		
004-178	0+5VCC2B	121	0+5VCC2B	
004-178	0+5VCC2B	221		
004-178	0+5VCC2C	122	0+5VCC2C	
004-178	0+5VCC2C	222		
004-178	0+5VCC2D	123	0+5VCC2D	
004-178	0+5VCC2D	223		
004-178	0+5VCC2D	114	0+5VPP2A	
004-178	0+5VPP2A	214		
004-178	0+5VPP2B	115	0+5VPP2B	
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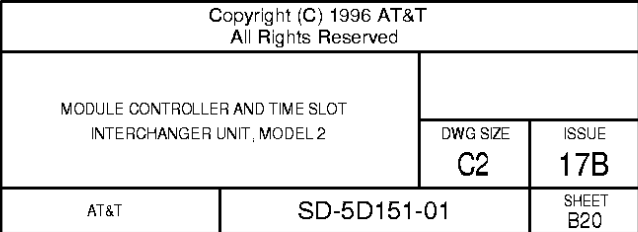
PART OF FS 1

MCTUS, LOWER SHELF

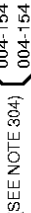


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	C2	17B
AT&T	SD-5D151-01	
		SHEET B19

MCTU2, LOWER SHELF



MCTU2, LOWER SHELF



MCTU2. UPPER SHELF



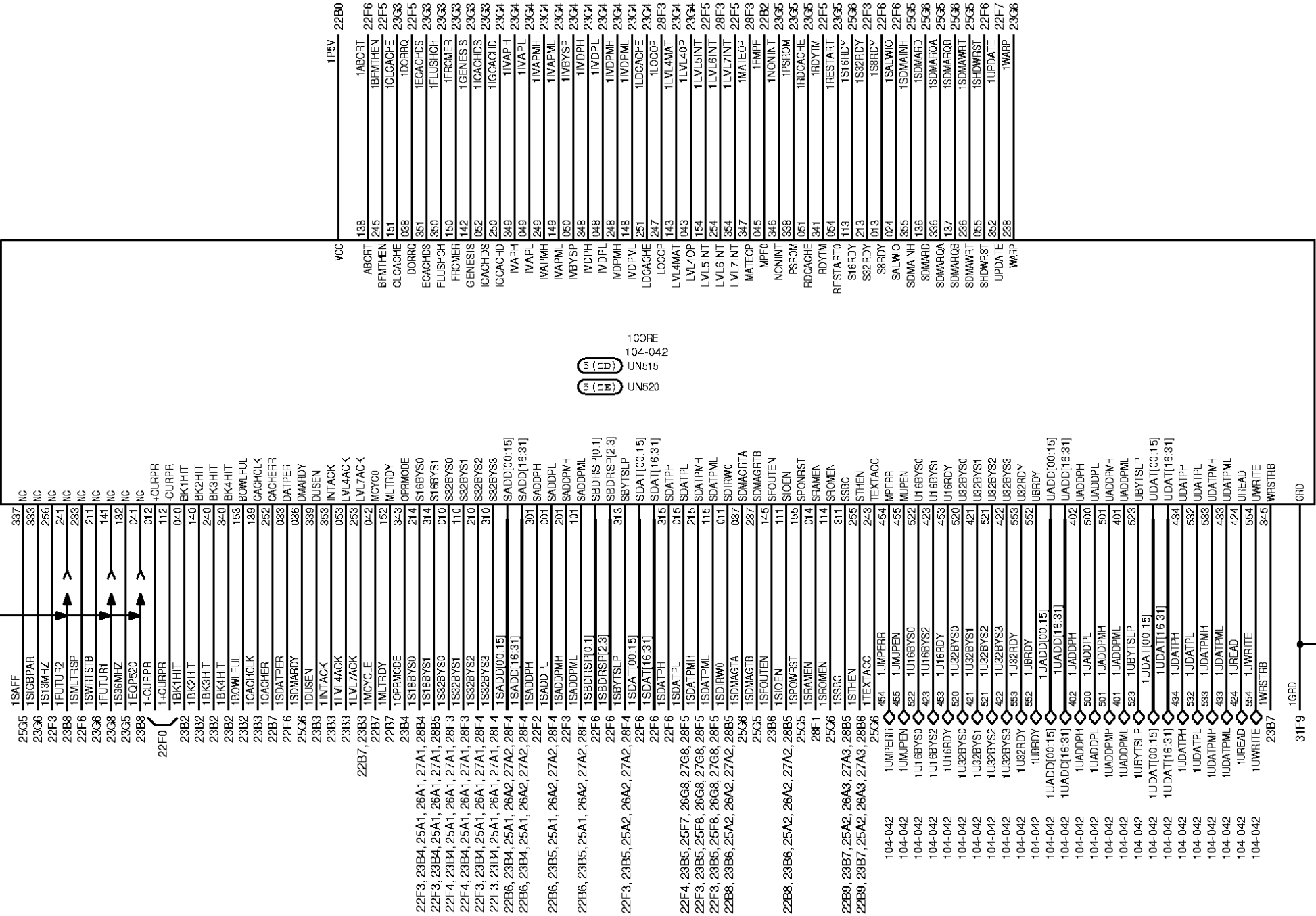
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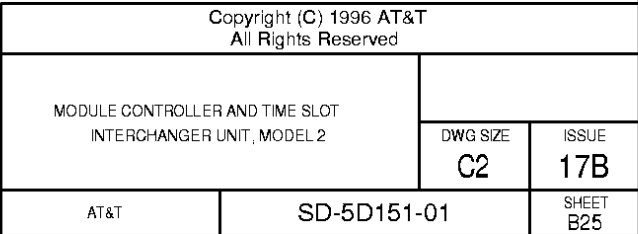
PART OF FS 2

MCTU2, UPPER SHELF

(SEE NOTE 312)

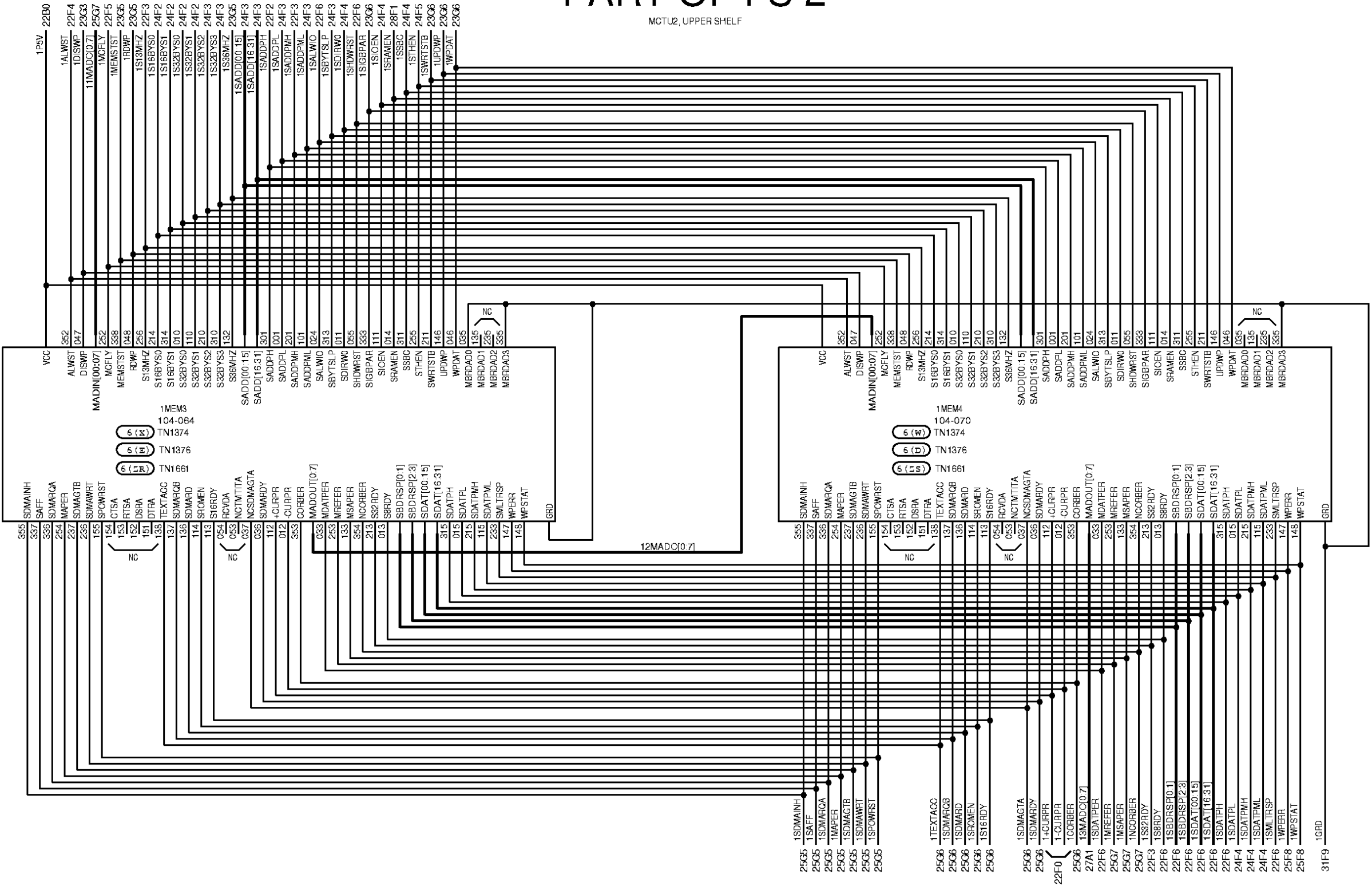


MCTU2, UPPER SHELF



PART OF FS 2

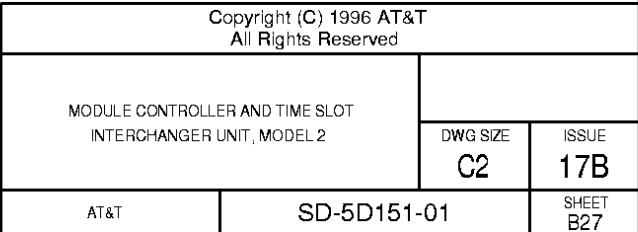
MCTU2, UPPER SHELF



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AT&T	SD-5D151-01	
	SHEET B26	

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MCTU2, UPPER SHELF



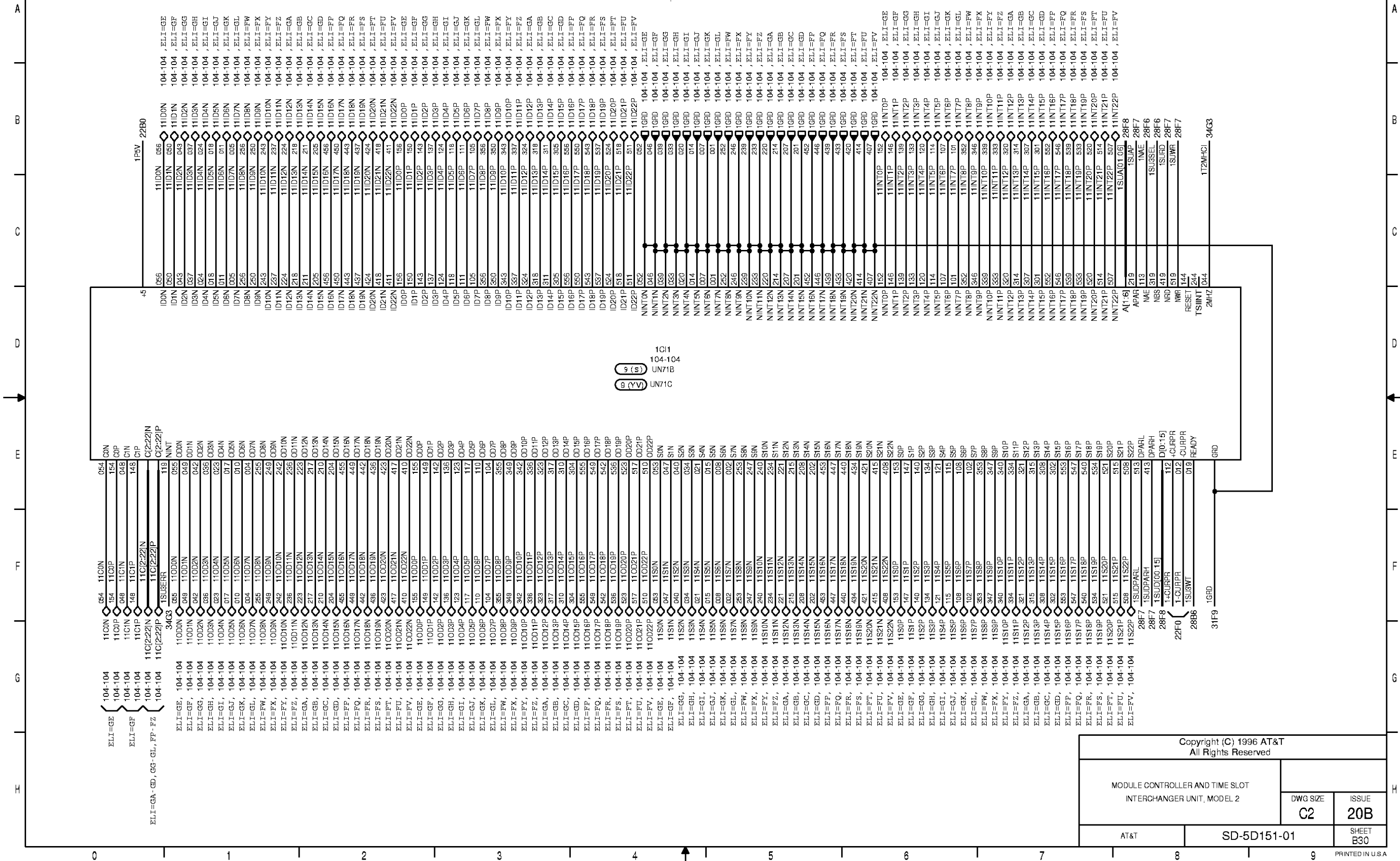
MCTU2, UPPER SHELF

1APPL1
104-088
⑤ UN518

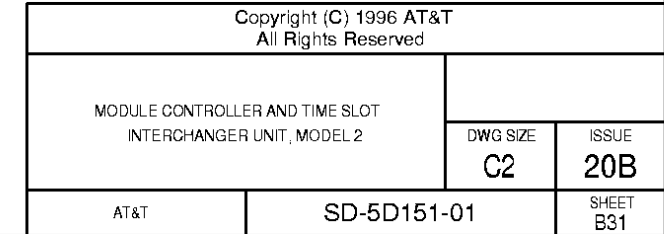
MCTU2, UPPER SHELF



MCTU2, UPPER SHELF



MCTU2, UPPER SHELF



PART OF FS 2

MCTU2, UPPER SHELF

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10PBO1N		107		10PBO2N		107	
10PBO2N		114		10PBO3N		114	
10PBO3N		120		10PBO4N		120	
10PBO4N		301		10PBO5N		301	
10PBO5N		307		10PBO6N		307	
10PBO6N		314		10PBO7N		314	
10PBO7N		320		10PBO8N		320	
10PBO8N		133		10PBO9N		133	
10PBO9N		139		10PBO10N		139	
10PBO10N		146		10PBO11N		146	
10PBO11N		152		10PBO12N		152	
10PBO12N		333		10PBO13N		333	
10PBO13N		339		10PBO14N		339	
10PBO14N		346		10PBO15N		346	
10PBO15N		352		10PBO16N		352	
10PBO16N		001		10PBO17N		001	
10PBO17N		007		10PBO18N		007	
10PBO18N		014		10PBO19N		014	
10PBO19N		020		10PBO20N		020	
10PBO20N		201		10PBO21N		201	
10PBO21N		207		10PBO22N		207	
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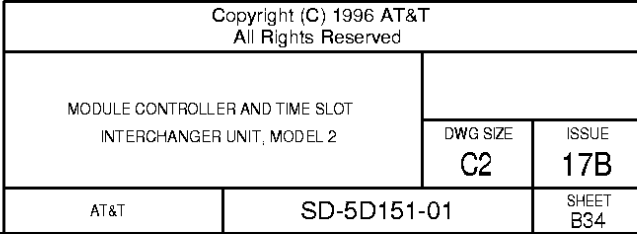
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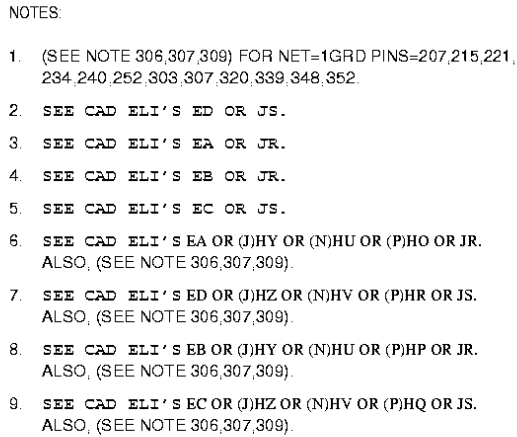
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MODULE CONTROLLER AND TIME SLOT INTERCHANGER UNIT, MODEL 2	DWG SIZE	ISSUE
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AT&T	SD-5D151-01	
	SHEET	B33

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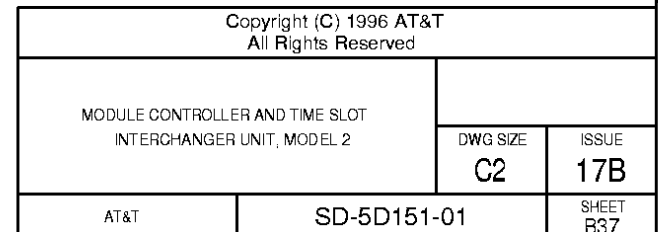


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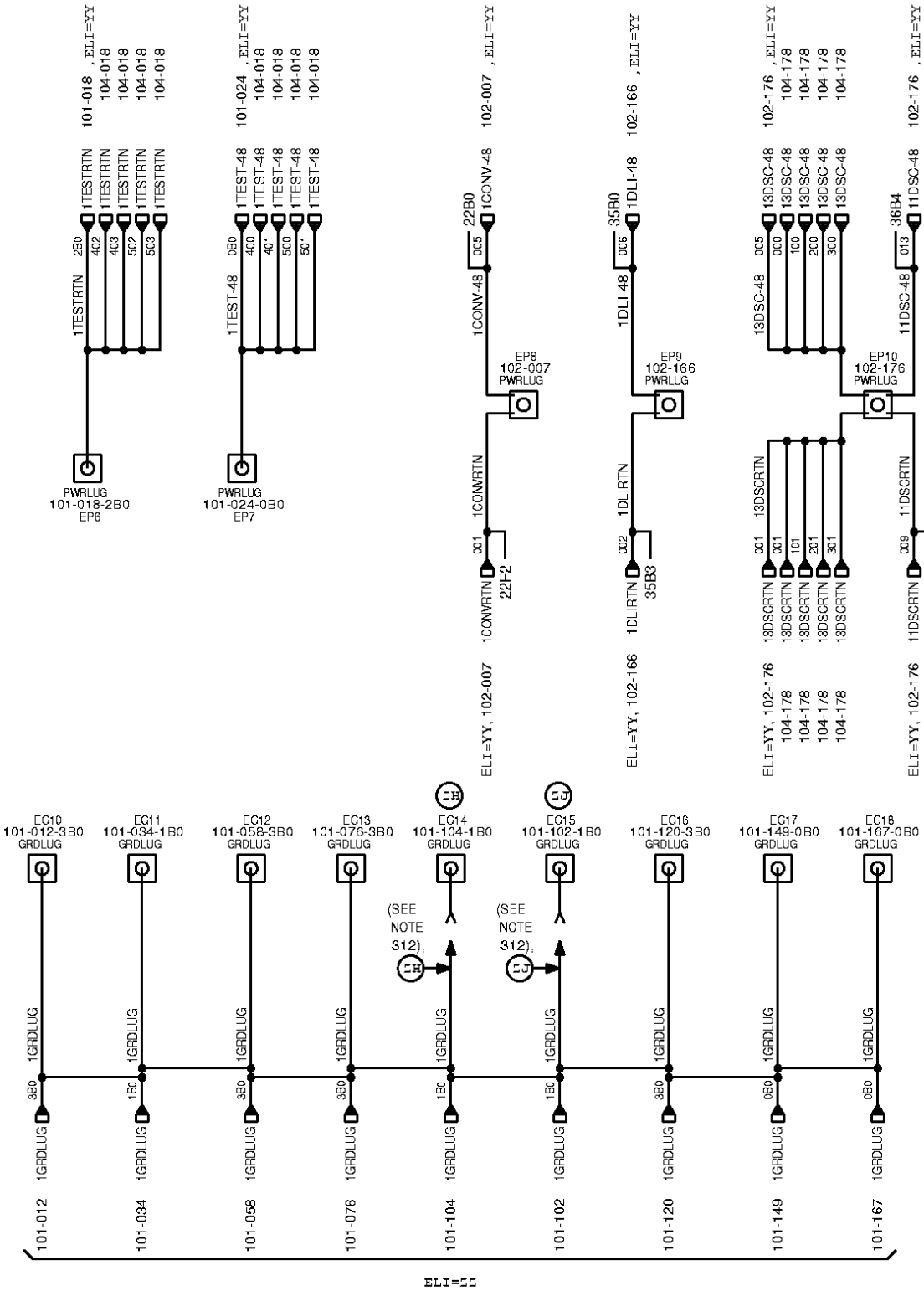
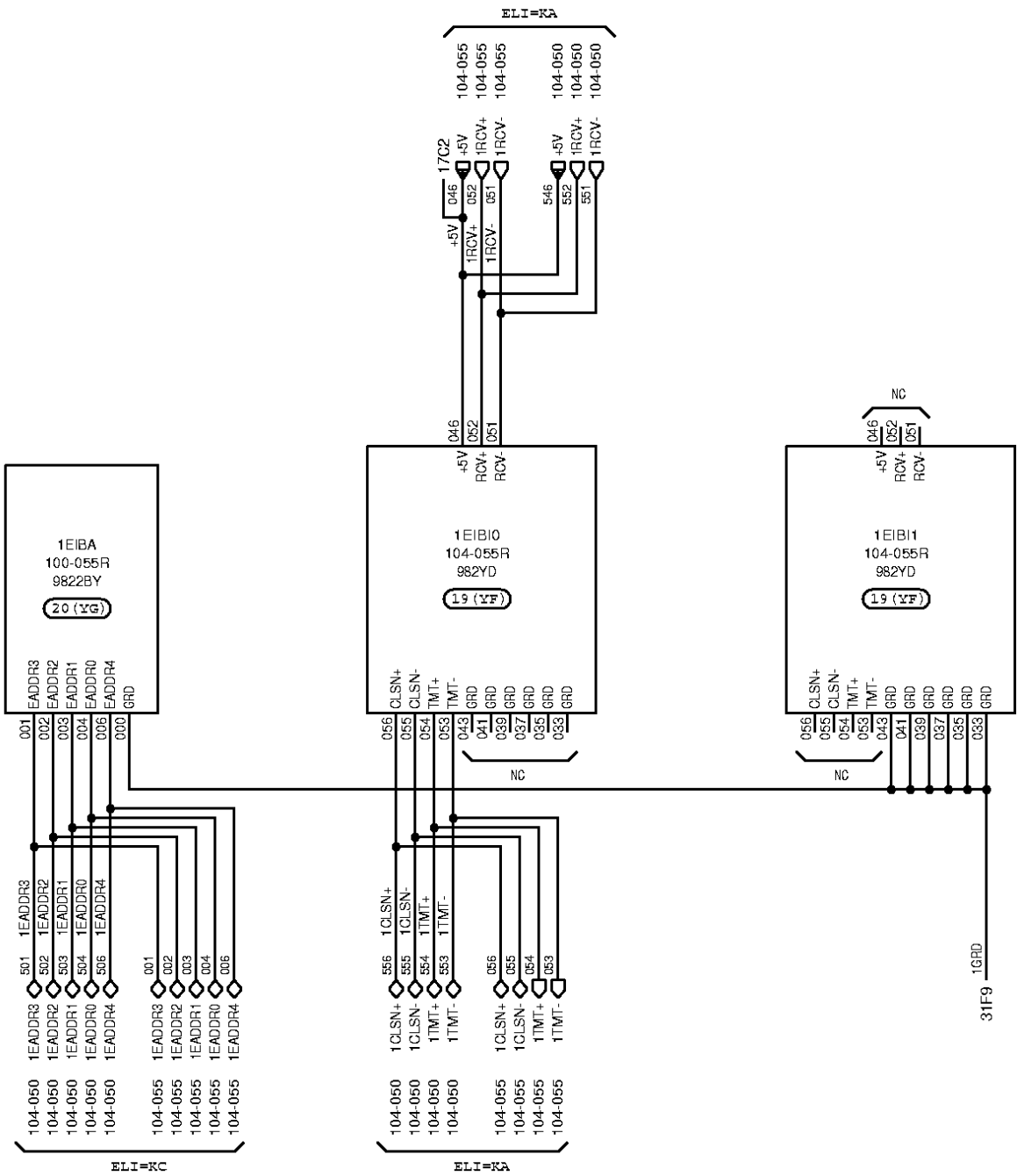


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MODULE CONTROLLER AND TIME SLOT INTERCHANGER UNIT, MODEL 2	DWG SIZE	ISSUE
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		SHEET B38

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18 (YE)

1UNITTST 104-018 TERMINAL FIELD				
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104-017	0LA1PTMX	000	0LA1 PTMX	048
104-017	0LBRMTDX	002	0LBRMTDX	050
104-017	0LB0PTMX	004	0LB0PTMX	153
104-017	0LB1PTMX	005	0LB1 PTMX	147
104-016	0LB1PTMX	001	0LB1PTMX	049
104-017	0LCKMTSX	001	0LCKMTSX	049
104-016	0LINX	004	0LINX	045
104-016	0NAEX	003	0NAEX	144
104-016	0NAEX	009	0NAEX	056
104-017	1LARMTDX	011	1LARMTDX	156
104-017	1LA0PTMX	006	1LA0PTMX	053
104-017	1LA1PTMX	008	1LA1PTMX	055
104-017	1LBRMTDX	010	1LBRMTDX	155
104-017	1LB0PTMX	011	1LB0PTMX	052
104-016	1LB1PTMX	007	1LB1PTMX	054
104-017	1LCKMTSX	010	1LCKMTSX	046
104-016	1LINX	009	1LINX	044
104-016	1NAEX	009	1NAEX	044

1PIGRTH 104-120 TERMINAL FIELD				
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104-120	1PBJUMP5	040	1PBJUMP5	
104-120	1PBJUMP6	052	1PBJUMP6	
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104-120	1PBJUMP7	140	1PBJUMP7	
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104-120	1X8KREF1	205	1XAINER	
104-120	1XAINER	206	1XBINER	
104-120	1XBINER			

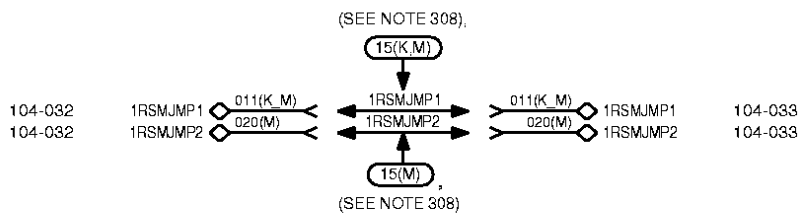
1DSOGRTH 104-178 TERMINAL FIELD				
104-178	1+5VCC3A	120	1+5VCC3A	
104-178	1+5VCC3A	220	1+5VCC3A	
104-178	1+5VCC3B	121	1+5VCC3B	
104-178	1+5VCC3B	221	1+5VCC3B	
104-178	1+5VCC3C	122	1+5VCC3C	
104-178	1+5VCC3C	222	1+5VCC3C	
104-178	1+5VCC3D	123	1+5VCC3D	
104-178	1+5VCC3D	223	1+5VCC3D	
104-178	1+5VCC3D	114	1+5VPP3A	
104-178	1+5VPP3A	214	1+5VPP3A	
104-178	1+5VPP3B	115	1+5VPP3B	
104-178	1+5VPP3B	215	1+5VPP3B	
104-178	1+5VPP3C	116	1+5VPP3C	
104-178	1+5VPP3C	216	1+5VPP3C	
104-178	13LPRN	117	13LPRN	
104-178	13LPRN	217	13LPRN	

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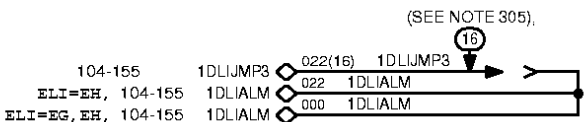
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PART OF FS 2

MCTU2, UPPER SHELF



ELI=KB	104-050	1SMRESET	422	1SMRESET	022	1SMRESET	104-054	ELI=KB
	104-050	10CPIDAT	423	10CPIDAT	023	10CPIDAT	104-054	
	104-050	1EIBGRD	433	1EIBGRD	033	1EIBGRD	104-054	
	104-050	1EIBGRD	435	1EIBGRD	035	1EIBGRD	104-054	
ELI=KA	104-050	1EIBGRD	437	1EIBGRD	037	1EIBGRD	104-054	ELI=KA
	104-050	1EIBGRD	439	1EIBGRD	039	1EIBGRD	104-054	
	104-050	1EIBGRD	441	1EIBGRD	041	1EIBGRD	104-054	
	104-050	1EIBGRD	443	1EIBGRD	043	1EIBGRD	104-054	
ELI=KC,	104-050	1ADSELGD	500	1ADSELGD	000	1ADSELGD	104-055	ELI=KC
	104-050	11CPIDAT	522	11CPIDAT	022	11CPIDAT	104-055	
ELI=KB	104-050	1CPI8K	523	1CPI8K	023	1CPI8K	104-055	ELI=KB
	104-050	1CPI8K	523	1CPI8K	023	1CPI8K	104-055	



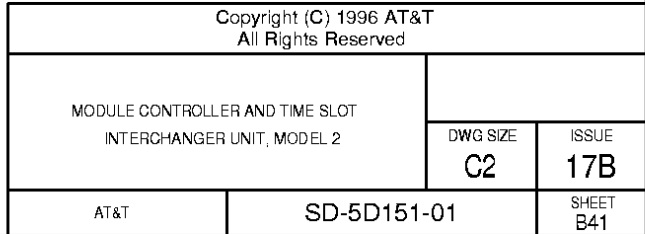
104-116	1IGPMDSO	007	1IGPMDSO
104-116	1IGTAR20	008	1IGTAR20
104-116	1IGPA021	009	1IGPA021
104-116	1IGPA041	010	1IGPA041
104-116	1IGPA061	011	1IGPA061

104-117	1XGPRESO	006	1XGPRESO
104-117	1IGPIFRO	007	1IGPIFRO
104-117	1IGTAR10	008	1IGTAR10
104-117	1IGPA031	009	1IGPA031
104-117	1IGPA051	010	1IGPA051
104-117	1IGPA071	011	1IGPA071
104-117	1IGPRDYO	013	1IGPRDYO
104-117	1IGPPAUO	014	1IGPPAUO
104-117	1IGPNMIO	015	1IGPNMIO
104-117	1IGPDTAO	016	1IGPDTAO
104-117	1IGPD071	017	1IGPD071
104-117	1IGPD061	018	1IGPD061
104-117	1IGPD051	019	1IGPD051
104-117	1IGPD041	020	1IGPD041
104-117	1IGPD031	021	1IGPD031
104-117	1IGPD021	022	1IGPD021
104-117	1IGPD011	023	1IGPD011
104-117	1IGPD001	024	1IGPD001

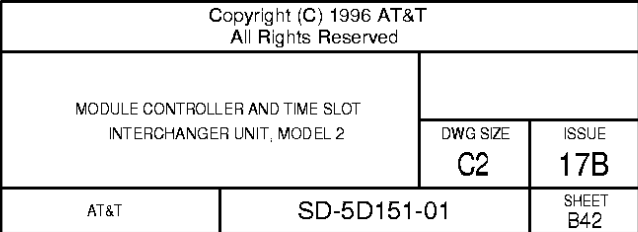
104-151	1TERM00	000	1TERM00	000	1TERM00	104-161
104-151	1TERM01	001	1TERM01	001	1TERM01	104-161
104-151	1TERM02	002	1TERM02	002	1TERM02	104-161
104-151	1TERM03	003	1TERM03	003	1TERM03	104-161
104-151	1TERM04	004	1TERM04	004	1TERM04	104-161
104-151	1TERM05	005	1TERM05	005	1TERM05	104-161
104-151	1TERM06	006	1TERM06	006	1TERM06	104-161
104-151	1TERM07	007	1TERM07	007	1TERM07	104-161
104-151	1TERM08	008	1TERM08	008	1TERM08	104-161
104-151	1TERM09	009	1TERM09	009	1TERM09	104-161
104-151	1TERM10	010	1TERM10	010	1TERM10	104-161
104-151	1TERM11	011	1TERM11	011	1TERM11	104-161
104-151	1TERM12	012	1TERM12	012	1TERM12	104-161
104-151	1TERM13	013	1TERM13	013	1TERM13	104-161
104-151	1TERM14	014	1TERM14	014	1TERM14	104-161
104-151	1TERM15	015	1TERM15	015	1TERM15	104-161
104-151	1TERM16	016	1TERM16	016	1TERM16	104-161
104-151	1TERM17	017	1TERM17	017	1TERM17	104-161
104-151	1TERM18	018	1TERM18	018	1TERM18	104-161
104-151	1TERM19	019	1TERM19	019	1TERM19	104-161
104-151	1TERM20	020	1TERM20	020	1TERM20	104-161
104-151	1TERM21	021	1TERM21	021	1TERM21	104-161
104-151	1TERM22	022	1TERM22	022	1TERM22	104-161
104-151	1TERM23	023	1TERM23	023	1TERM23	104-161
104-151	1TERM24	024	1TERM24	024	1TERM24	104-161
104-151	1TERM32	032	1TERM32	032	1TERM32	104-161
104-151	1TERM33	033	1TERM33	033	1TERM33	104-161
104-151	1TERM34	034	1TERM34	034	1TERM34	104-161
104-151	1TERM35	035	1TERM35	035	1TERM35	104-161
104-151	1TERM36	036	1TERM36	036	1TERM36	104-161
104-151	1TERM37	037	1TERM37	037	1TERM37	104-161
104-151	1TERM38	038	1TERM38	038	1TERM38	104-161
104-151	1TERM39	039	1TERM39	039	1TERM39	104-161
104-151	1TERM40	040	1TERM40	040	1TERM40	104-161
104-151	1TERM41	041	1TERM41	041	1TERM41	104-161
104-151	1TERM42	042	1TERM42	042	1TERM42	104-161
104-151	1TERM43	043	1TERM43	043	1TERM43	104-161
104-151	1TERM44	044	1TERM44	044	1TERM44	104-161
104-151	1TERM45	045	1TERM45	045	1TERM45	104-161
104-151	1TERM46	046	1TERM46	046	1TERM46	104-161
104-151	1TERM47	047	1TERM47	047	1TERM47	104-161
104-151	1TERM48	048	1TERM48	048	1TERM48	104-161
104-151	1TERM49	049	1TERM49	049	1TERM49	104-161
104-151	1TERM50	050	1TERM50	050	1TERM50	104-161
104-151	1TERM51	051	1TERM51	051	1TERM51	104-161
104-151	1TERM52	052	1TERM52	052	1TERM52	104-161
104-151	1TERM53	053	1TERM53	053	1TERM53	104-161
104-151	1TERM54	054	1TERM54	054	1TERM54	104-161
104-151	1TERM55	055	1TERM55	055	1TERM55	104-161
104-151	1TERM56	056	1TERM56	056	1TERM56	104-161

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MCTU2, UPPER SHELF



MCTU2, UPPER SHELF



[illegible]

CIRCUIT NOTES

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
(0,1) CONV -48	74E 15A	-48V	MCTSI 0,1
	*12		
(0,1) DLI -48	70A 1 1/3A	-48V	DLI 0,1
	*3		
(0,1) DSC -48	70A 1 1/3A	-48V	DSC 0,1
	*3		

BATTERY SYMBOL	VOLTAGE RANGE
-48	-42.75 TO -52.50

ALL FUSES RESIDE IN THE FUSE/FILTER UNITS WHICH ARE EQUIPPED AT THE 069 VERTICAL EQL OF THE SMC2 CABINET.

NOTE: * - FUSE VALUES FOR COMMON SHEVLES TO BE USED WITH J5D003FJ-1 FUSE/FILTER UNIT.

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MODULE CONTROLLER AND TIME SLOT INTERCHANGER UNIT, MODEL 2	DWG SIZE	ISSUE
	C2	17B
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EQUIPMENT NOTES:

201. UNLESS OTHERWISE SPECIFIED, ALL BACKPLANE WIRING WILL BE AUTOMATIC MACHINE WIRING (A-D4) 30 GAUGE, WHICH HAS BEEN PROCESSED BY THE WESWRAP PROGRAMS.

APPARATUS CODE	CIRCUIT PACK REMOVAL PROCEDURES		
	PULL HOT	REMOVE UNIT POWER	SEQUENCED
TN833	YES	NO	NO
TN833C	YES	NO	NO
TN1042	NO	GO TO UN516 SWITCH TO OFF	NO
TN1077B	NO	SWITCH TN1077B TO OFF	NO
TN1077E	NO	GO TO UN516 SWITCH TO OFF	NO
TN1086	NO	GO TO UN516 SWITCH TO OFF	NO
TN1374	NO	GO TO UN516 SWITCH TO OFF	NO
TN1376	NO	GO TO UN516 SWITCH TO OFF	NO
TN1377	NO	GO TO UN516 SWITCH TO OFF	NO
TN1524	NO	GO TO UN516 SWITCH TO OFF	NO
UN71B	NO	GO TO UN516 SWITCH TO OFF	NO
UN515	NO	GO TO UN516 SWITCH TO OFF	NO
UN516	NO	GO TO UN516 SWITCH TO OFF	NO
UN516B	NO	GO TO UN516 SWITCH TO OFF	NO
UN517B	NO	GO TO UN516 SWITCH TO OFF	NO
UN518	NO	GO TO UN516 SWITCH TO OFF	NO
UN520	NO	GO TO UN516 SWITCH TO OFF	NO

203. EQUIPMENT LOCATION 04-018 IS A COMMON TEST SLOT. SIDE 0 (LOWER SHELF) MAY BE EQUIPPED WITH THE TN889 SM INTEGRATED TEST SYSTEM (SMITS) OR THE UN514 DEMON UTILITY SYSTEM (DUS). SIDE 1 (UPPER SHELF) MAY ONLY BE EQUIPPED WITH THE TN1088 COMMUNICATION LINK MONITOR.

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE

C2

ISSUE

17B

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SHEET

D2A

INFORMATION NOTES:

301. UNLESS OTHERWISE SPECIFIED:
RESISTANCE VALUES ARE IN OHMS
CAPACITANCE VALUES ARE IN MICROFARADS
VALUES PRECEDED BY THE SYMBOL + (PLUS)
OR - (MINUS) ARE IN VOLTS.

002.

FEATURE OR OPTION		PROVIDE		
		APP FIG.	APP OR WRG	QUANTITY
BACKPLANE & WIRING SHELF "0" ED-5D649-30		1		1 PER CKT
WIRING FOR REMOTE MODULES WITH ASU			ZA	
WIRING FOR UN520			ZF	
G2AB BACKPLANE (SEE NOTE 312)			ZG	
G3AB BACKPLANE (SEE NOTE 312)			ZI	
BACKPLANE & WIRING SHELF "1" ED-5D650-30		2		
WIRING FOR REMOTE MODULES WITH ASU			ZA	
WIRING FOR UN520			ZF	
G2AB BACKPLANE (SEE NOTE 312)			ZH	
G3AB BACKPLANE (SEE NOTE 312)			ZJ	
CABLING FOR USE OF SHELF "0" WITH SHELF "1"		3		
CIRCUIT PACK EQUIPMENT				
UNIT POWER	PER CONVERTER (414AA)	4		
PROCESSOR	CORE SUPPORT-1 (UN516)	5		
	CORE SUPPORT-1 (UN516B)		YA	
	APPLICATIONS-1 (UN518)			
	CORE (UN515)		ZD	
	CORE 2 (UN520) (SMP20 DATA CACHE)		ZE	
	CORE SUPPORT-2 (UN517B) 5E4(2) MC5D125A1B		ZB	
	CORE SUPPORT-2 (UN517B) 5E5 MC5D154A1B		ZC	
	CORE SUPPORT-2 (UN517B) 5EE4(1) MC5X285A2B		ZM	
	CORE SUPPORT-2 (UN517B) 5EE4(2) MC5X703A1B		ZV	
	CORE SUPPORT-2 (UN517) 5EE6.1 MC5D177A1		YK	
	CORE SUPPORT-2 (UN517B) 5EE6.1 MC5D177A1B		YL	
MEMORY	1ST 4 MBYTE (1) TN1374	6	Z	
	2ND 4 MBYTE (1) TN1374		Y	
	3RD 4 MBYTE (1) TN1374		X	
	4TH 4 MBYTE (1) TN1374		W	
	5TH 4 MBYTE (1) TN1374		V	
	6TH 4 MBYTE (1) TN1374		U	
	1ST 8 MBYTE (1) TN1376		G	
	2ND 8 MBYTE (1) TN1376		F	
	3RD 8 MBYTE (1) TN1376		E	
	4TH 8 MBYTE (1) TN1376		D	
	5TH 8 MBYTE (1) TN1376		B	
	6TH 8 MBYTE (1) TN1376		A	

INFORMATION NOTES: (CONT)

302
(CONT)

FEATURE OR OPTION				PROVIDE		
				APP FIG.	APP OR WRG	QUANTITY
CIRCUIT PACK EQUIPMENT (CONT)						
MEMORY (CONT)	1ST 16 MBYTE (1) TN1661		6		ZP	1 PER CKT
	2ND 16 MBYTE (1) TN1661				ZQ	
	3RD 16 MBYTE (1) TN1661				ZR	
	4TH 16 MBYTE (1) TN1661				ZS	
	5TH 16 MBYTE (1) TN1661				ZT	
	6TH 16 MBYTE (1) TN1661				ZU	
TIME SLOT INTERCHANGER	TSI/SP NOTE 313	(TN1086) (TN1086B)	7		ZK	
					ZL	
DUAL LINK INTERFACE	DLI (TN1077B)		8		ZN	
	DLI (CEPT) (TN1077C)				ZO	
	DLI (TN1077E)				YB	
	DLI (TN1077F)				YR	
CONTROL PORTS	23 CI PORTS (UN71B)		9		T	
	ADDITIONAL 23 CI PORTS (UN71B)				S	
	23 CI PORTS (UN71C)				YU	
	ADDITIONAL 23 CI PORTS (UN71C)				YV	
DATA PORTS	U-LAW DI PORTS (TN1377)		10		R	
	A-LAW DI PORTS (TN1524)				Q	
PACKET INTERFACE	Pi (TN1042)		11		YM	
	10MHZ Pi 2 (UN395)				YN	
	100MHZ Pi 2 (UN395)				YO	
	10MHZ Pi2 (UN395B)				YW	
	100MHZ Pi2 (UN395B)				YX	
LOCAL DIGITAL SERVICE FUNCTION	DSC (TN833)	MC5D085A1	12		ZW	
	DSC (TN833C)	MC5D073A1C			ZX	
		MC5D085A1C			ZY	
		MC5X276A1C			ZZ	
NCT LINK FIBER OPTIC CONNECTORS						
FOR SM & RSM (ODL40 TYPE)	(2) 982CF AND 982CG		13		P	
FOR SM & RSM (ODL50 TYPE)	982TR AND 982TS				J	
FOR SM & RSM (ODL50 TYPE) ETSI REQUIREMENTS	982TRC AND 982TSC				YC	
FOR TRM	982TA AND 982WY				N	
TIME SLOT SELECTION SWITCHES (2) 955B				14		
RSM CONNECTORS						
24 CHANNEL	(4) 963E-2		15		M	
30 CHANNEL	(2) 963E-2				K	
CONTROL & DISPLAY CONNECTOR 982JJ				16		

INFORMATION NOTES: (CONT)

FEATURE OR OPTION		PROVIDE		
		APP FIG.	APP OR WRG	QUANTITY
5ESS 2000 SWITCH ADMINISTRATION WORKSTATION CONFIGURATION OPTION (AWS) OR 5ESS 2000 SWITCH VERY COMPACT DIGITAL EXCHANGE (VCDX) CONFIGURATION.				
ETHERNET INTERFACE	EIB (UN362)	17	YD	1 PER CKT
24/30 CHANNEL FACILITY CLOCK CKT	CFCC (TN1838)	18	YE	
FOR EIB COAX INTERFACE	982YD	19	YF	
FOR EIB ADDRESS	9822BY	20	YG	
4 ISOLATED PINS	(963T)	21	YH	
	(982AA)	22	YI	
	CORE SUPPORT-2 (UN517B) MC5D177A2B	23	D.A. YJ	
	CORE SUPPORT-2 (UN517B) MC5D187A1B (AWS)	23	YP	
	CORE SUPPORT-2 (UN517B) MC5D500A1B	24	YQ	
EXTERNAL CLOCK	T1/E1 ENABLE	25	YS	
	T1 SELECT	26	YT	

INFORMATION NOTES: (CONT)

RECORDS OF FIGURES, WIRING AND APPARATUS CHANGES					
CHANGED ON ISSUE	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT	
				AVAIL	DA
3M		J	309	J	
4B		G,F,E, D,B,A	310	G,F,E, D,B,A	
5A		ZA		ZA	
6B		ZB,ZC		ZB,ZC	
8B		ZD ZE,ZF		ZD ZE,ZF	
9M		ZG,ZH, ZI,ZJ		ZG,ZH, ZI,ZJ	ZG, ZH
10B		ZA		ZA	
11B	ZM,ZO	ZC,ZN		ZM,ZO	
12B	ZP, ZQ,ZR,ZS, ZT,ZU,ZV,	ZC		ZP, ZQ,ZR,ZS, ZT,ZU,ZV,	
13M		ZB,ZC, ZM,ZV		ZB,ZC, ZM,ZV	
14B		ZW, ZX,ZY,ZZ, YA,YB,YC,		ZW, ZX,ZY,ZZ, YA,YB,YC,	
15B		YD,YE,YF, YG,YH,YI		YD,YE,YF, YG,YH,YI	
16B		YJ YK,YL		YJ YK,YL	
17B		YM,YN YO,YP		YM,YN YO,YP	YJ
18A					
19B		YQ		YQ	
20B	YR	YB		YR	YB
	YU,YV	T,S		YU,YV	T,S
	YW,YX	YN,YO		YW,YX	YN,YO
		YS,YT	324, 325	YS,YT	

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		ISSUE 20B
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INFORMATION NOTES: (CONT)

304. DLi TIME SLOT SELECTION SWITCHES:

WHEN REQUIRED THE 955B DLi TIME SLOT SELECTION SWITCHES ARE LOCATED AT EQL'S 04-155-047 ON BOTH SIDE 0 (LOWER SHELF) AND SIDE 1 (UPPER SHELF). THE SETTING OF THESE SWITCHES IS BASE ON THE CM2 MMP PORT ASSIGNMENTS PER 555-01 SWITCHING SYSTEM INSTALLATION PROCEDURES 555, SECTION 445.1 (TABLE D).

INFORMATION CONCERNING THE SETTING OF CONTROL TIME SLOTS FOR A PARTICULAR SM CAN BE DETERMINED THROUGH "RECENT CHANGE". IN THIS ENVIRONMENT A MENU WILL BE GIVEN WHICH WILL ALLOW ACCESS TO "EQUIPMENT MODULE"; WHICH WILL PRODUCE ANOTHER MENU ALLOWING ACCESS TO INFORMATION CONCERNING ANY SM FOR THAT OFFICE. SPECIFYING THE SM NUMBER WILL SHOW EVEN AND ODD CONTROL TIME SLOT SETTING FOR THAT SM.

EXCEPTIONS:

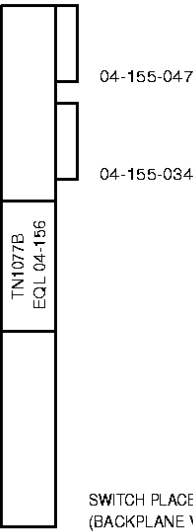
1. MINIMALLY CONFIGURED RSM'S (2 T1 LINES ONLY).

IN THIS APPLICATION, FORCED SELECTION OF MESSAGE TIME SLOTS IS REQUIRED AND FOR 24 CHANNEL ALL SWITCHES ARE SET TO ZERO. FOR 30 CHANNEL ALL SWITCHES ARE SET TO "EIGHT".

2. RSM'S WITH 4 OR MORE T1 LINES.

IN THIS APPLICATION, THE TIME SLOT SELECTION SWITCHES ARE NOT EQUIPPED. THIS REMOVES THE FOLLOWING SIGNALS FROM BEING GROUNDED AND ENABLES THE MESSAGE TIME SLOT NUMBER TO BE PROGRAMED BY THE MODULE CONTROLLER.

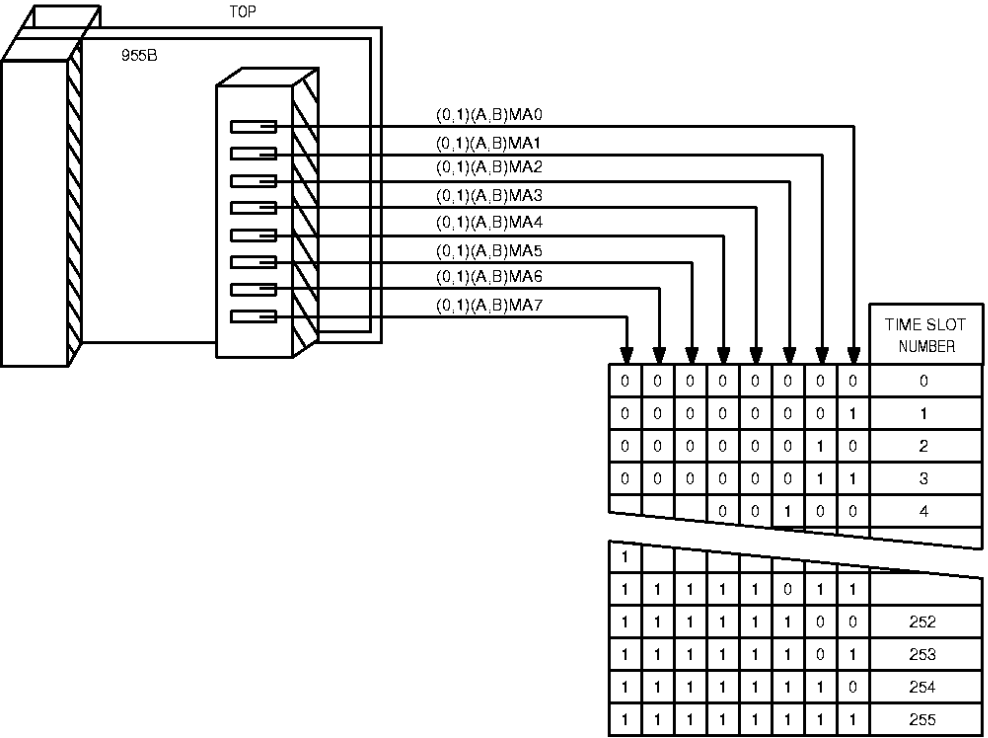
SIGNAL NAME	TERMINAL EQL
0AMAEN	04-155-056 (LOWER SHELF)
0BMAEN	04-155-045 (LOWER SHELF)
1AMAEN	04-155-056 (UPPER SHELF)
1BMAEN	04-155-045 (UPPER SHELF)



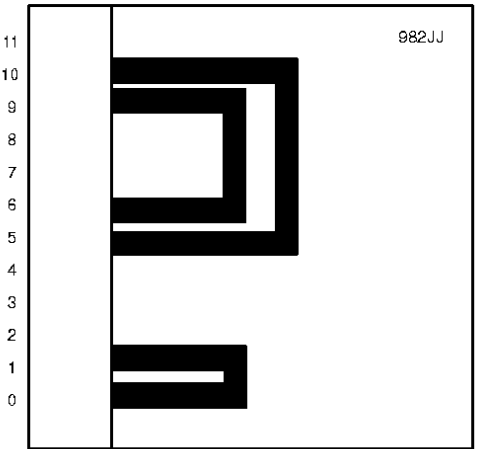
INFORMATION NOTES: (CONT)

304. DLi TIME SLOT SELECTION SWITCHES: (CONT)

EXCEPTIONS: (CONT)

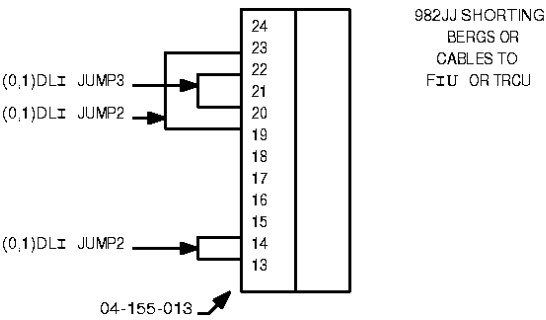


305. THE 982JJ DLi CONTROL & DISPLAY SHORTING BERG IS REQUIRED IN ALL APPLICATIONS EXCEPT RSM'S AND ORM'S. IN RSM AND ORM APPLICATIONS, THE 982JJ IS REPLACED BY THE CABLE CONNECTOR FROM THE Fiu IN A RSM OR FROM THE TRCU IN AN ORM. THE CABLED UNIT THEN BECOMES PART OF THE DLi SERVICE GROUP. THE PLACEMENT OF THE LOWER LEFT CORNER OF THE 982JJ BERG AND THE CABLE CONNECTOR IS LOCATED AT EQL 04-155-013 ON BOTH SIDE 0 (LOWER SHELF) AND SIDE 1 (UPPER SHELF).

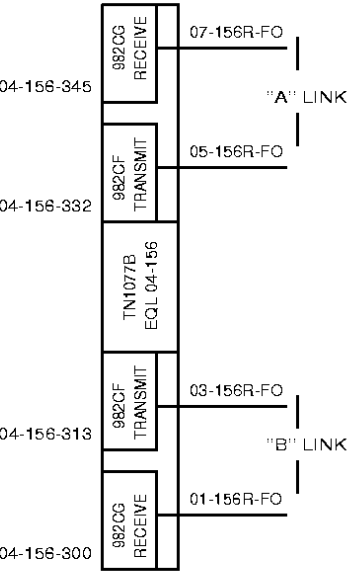


INFORMATION NOTES: (CONT)

305. THE 982JJ DLi CONTROL & DISPLAY SHORTING BERG: (CONT)



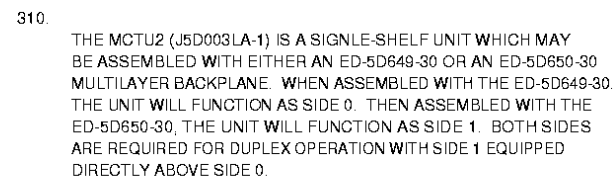
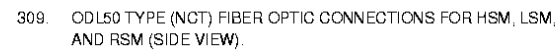
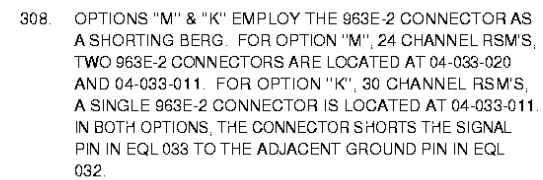
306. ODL40 TYPE NETWORK CONTROL & TIMING (NGT) LINK FIBER OPTIC CONECTIONS FOR SM'S AND RSM'S:



SWITCH PLACEMENT
BACKPLANE VIEW

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307. NETWORK CONTROL & TIMING (NCT) LINKS FIBER OPTIC CONNECTIONS FOR TRANSMISSIONLESS REMOTE MODULE (TRM):



NOTE: ALL TN1374 PACKS ARE OPTIONAL WITH TN1376 AND TN1661 PACKS.

311. UNASSIGNED

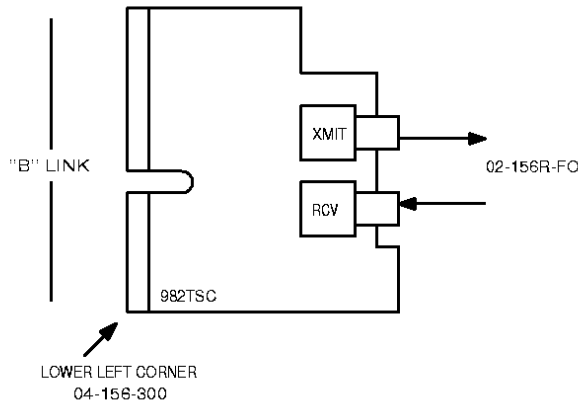
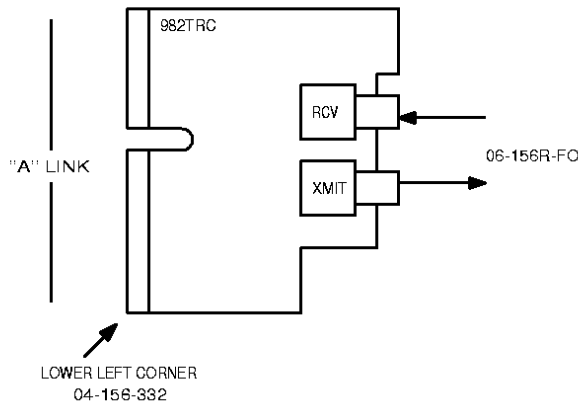
314. FOR AUTO POWER RESTART, 2 963E-2 SHORTING BERGS ARE REQUIRED. (SEE DRAWING BELOW):



316. FOR AUTO POWER RESTART, A SCAN PIN IS PROVIDED AT EQL
04-026-153.

INFORMATION NOTES: (CONT)

317. ODL50 TYPE (NCT) FIBER OPTIC CONNECTIONS FOR HSM, LSM, RSM, ORM AND PSM. (SIDE VIEW) CISPERS 22



318. INSTALLATION OF A TORLONE ISOLATE TERMINAL REQUIRED, COMCODE 900550922. FOR 5ESS[®] 2000 SWITCH ADMINISTRATION WORKSTATION (AWS) OR 5ESS[®] 2000 SWITCH OR VERY COMPACT DIGITAL EXCHANGE APPLICATION ONLY, PINS ARE INSTALLED AT THESE LOCATIONS:

SHELF 0:
019-156-235
019-156-236
019-156-237
019-156-238

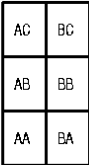
SHELF 1:
028-156-235
028-156-236
028-156-237
028-156-238

INFORMATION NOTES: (CONT)

319. RESERVED LEAD

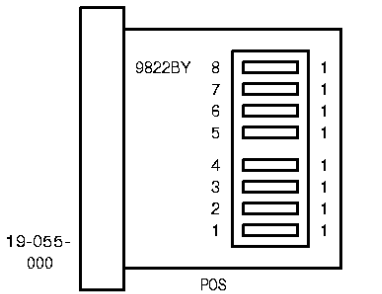
320. CAD ONLY PRESENT IN 5ESS[®] 2000 SWITCH ADMINISTRATION WORKSTATION CONFIGURATION OPTION (AWS) APPLICATION.

321. 5ESS[®] 2000 SWITCH ADMINISTRATION WORKSTATION OR 5ESS[®] 2000 COMPACT DIGITAL EXCHANGE CONFIGURATION OPTION (AWS) 982AA E1 B LINK JUMPER ARRANGEMENT, STRAP AA TO BC.

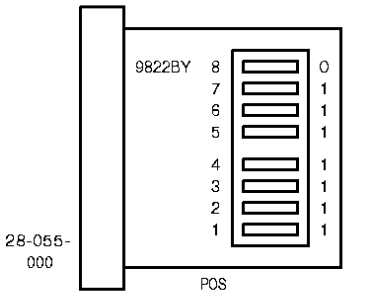


322. WHEN 5ESS[®] 2000 SWITCH ADMINISTRATION WORKSTATION OR 5ESS[®] 2000 SWITCH VERY COMPACT DIGITAL EXCHANGE USES ETHERNET INTERFACE LINKS, OPTION/FEATURE 22 NEEDS TO BE INSTALLED. INSTALL AT EQL 19-034-539 AND 28-034-539.

323. UN362 CIRCUIT PACK ADDRESS SETTING, (EIB ADDRESS)



SIDE 0 0 = OPEN (OFF)
1 = CLOSED (ON)



SIDE 1 0 = OPEN
1 = CLOSED

INFORMATION NOTES: (CONT)

323. UN362 CIRCUIT PACK ADDRESS SETTING, (EIB ADDRESS)

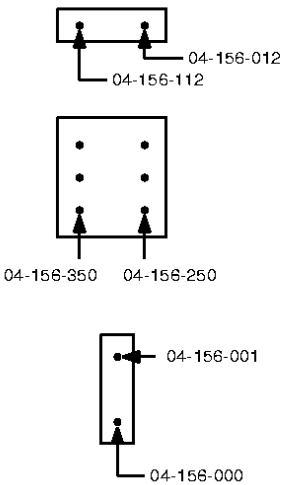
FEATURE	SIDE	DIP SWITCH POSITION AND SETTING							
		8	7	6	5	4	3	2	1
AWS, VCDX	0	0	0	0	0	0	0	0	0
	1	1	0	0	0	0	0	0	0

0 = SWITCH CLOSED
1 = SWITCH OPEN

324. WHEN THE T1/E1 EXTERNAL CLOCK REFERENCE IS REQUIRED A 963E-2 SHORTING BERG NEEDS TO BE INSTALLED. OPTION/FEATURE 25 (SEE DRAWING)

325. ED5D585-29,G42 IS A MODIFIED 982SS CONNECTOR (ELEMENT). IT IS USED, WHEN NGT LINKS ARE NOT PRESENT, TO SELECT THE T1 ONLY CLOCK. IT IS NOT REQUIRED FOR E1. OPTION/FEATURE 26 (SEE DRAWING)

326. A 963E-2 SHORTING BERG IS USED FOR AUTO POWER RECOVERY WHEN AN EXTERNAL CLOCK REFERENCE IS NOT REQUIRED. (SEE DRAWING)



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	C2	20B
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		SHEET D3D

CAD 1 - UNIT SYMBOL TABLE OF CONTENTS			
FUNCTION	DESCRIPTION (LOWER LEFT PIN ON CONNECTOR)	SIZE	ELEMENTS
CRAFT INTERFACE CABLING	(04-033-021) LOWER SHELF	2 X 4	DP
	(04-033-021) UPPER SHELF	2 X 4	HH
DLI C&D CABLING	(04-155-013) LOWER SHELF	2 X 12	AO
	(04-155-013) UPPER SHELF	2 X 12	EG
DLI ALARM	(04-155-000) LOWER SHELF	2 X 3	AP
	(04-155-000) UPPER SHELF	2 X 3	EH
REVERTIVE PULSING ONLY	(04-168-351) LOWER SHELF	2 X 6	AE
	(04-168-302) LOWER SHELF	2 X 4	AF
	(04-168-151) LOWER SHELF	2 X 6	AG
	(04-168-102) LOWER SHELF	2 X 4	AH
	(04-168-351) UPPER SHELF	2 X 6	DW
	(04-168-302) UPPER SHELF	2 X 4	DX
	(04-168-151) UPPER SHELF	2 X 6	DY
	(04-168-102) UPPER SHELF	2 X 4	DZ
FAN ALARM	(04-033-000) LOWER SHELF	2 X 3	DR
	(04-033-000) UPPER SHELF	2 X 3	HJ
FUSE ALARM	(04-033-004) LOWER SHELF	2 X 3	DQ
	(04-033-004) UPPER SHELF	2 X 3	HI

CAD 1 - UNIT SYMBOL TABLE OF CONTENTS (CONT)			
FUNCTION	DESCRIPTION (LOWER LEFT PIN ON CONNECTOR)	SIZE	ELEMENTS
PICB CABLING	(04-104-551) LOWER SHELF	2 X 6	BX
	(04-104-545) LOWER SHELF	2 X 6	BY
	(04-104-538) LOWER SHELF	2 X 6	BZ
	(04-104-532) LOWER SHELF	2 X 6	CA
	(04-104-519) LOWER SHELF	2 X 6	CB
	(04-104-513) LOWER SHELF	2 X 6	CC
	(04-104-506) LOWER SHELF	2 X 6	CD
	(04-104-351) LOWER SHELF	2 X 6	CE
	(04-104-345) LOWER SHELF	2 X 6	CF
	(04-104-338) LOWER SHELF	2 X 6	CG
	(04-104-332) LOWER SHELF	2 X 6	CH
	(04-104-319) LOWER SHELF	2 X 6	CI
	(04-104-313) LOWER SHELF	2 X 6	CJ
	(04-104-306) LOWER SHELF	2 X 6	CK
	(04-104-300) LOWER SHELF	2 X 6	CL
	(04-104-151) LOWER SHELF	2 X 6	CM
	(04-104-145) LOWER SHELF	2 X 6	CN
	(04-104-138) LOWER SHELF	2 X 6	CO
	(04-104-132) LOWER SHELF	2 X 6	CP
	(04-104-119) LOWER SHELF	2 X 6	CQ
	(04-104-113) LOWER SHELF	2 X 6	CR
	(04-104-106) LOWER SHELF	2 X 6	CS
	(04-104-100) LOWER SHELF	2 X 6	CT
	(04-096-551) LOWER SHELF	2 X 6	CU
	(04-096-545) LOWER SHELF	2 X 6	CV
	(04-096-538) LOWER SHELF	2 X 6	CW
	(04-096-532) LOWER SHELF	2 X 6	CX
	(04-096-519) LOWER SHELF	2 X 6	CY
	(04-096-513) LOWER SHELF	2 X 6	CZ
	(04-096-506) LOWER SHELF	2 X 6	DA
	(04-096-351) LOWER SHELF	2 X 6	DB
	(04-096-345) LOWER SHELF	2 X 6	DC
	(04-096-338) LOWER SHELF	2 X 6	DD
	(04-096-332) LOWER SHELF	2 X 6	DE
	(04-096-319) LOWER SHELF	2 X 6	DF
	(04-096-313) LOWER SHELF	2 X 6	DG
	(04-096-306) LOWER SHELF	2 X 6	DH
	(04-096-300) LOWER SHELF	2 X 6	DI
	(04-096-138) LOWER SHELF	2 X 6	DJ
	(04-096-132) LOWER SHELF	2 X 6	DK
	(04-096-119) LOWER SHELF	2 X 6	DL
	(04-096-113) LOWER SHELF	2 X 6	DM
	(04-096-106) LOWER SHELF	2 X 6	DN
	(04-096-100) LOWER SHELF	2 X 6	DO
	(04-104-551) UPPER SHELF	2 X 6	FP
	(04-104-545) UPPER SHELF	2 X 6	FQ
	(04-104-538) UPPER SHELF	2 X 6	FR
	(04-104-532) UPPER SHELF	2 X 6	FS
	(04-104-519) UPPER SHELF	2 X 6	FT

CAD 1 - UNIT SYMBOL TABLE OF CONTENTS (CONT)			
FUNCTION	DESCRIPTION (LOWER LEFT PIN ON CONNECTOR)	SIZE	ELEMENTS
PICB CABLING (CONT)	(04-104-513) UPPER SHELF	2 X 6	FU
	(04-104-506) UPPER SHELF	2 X 6	FV
	(04-104-351) UPPER SHELF	2 X 6	FW
	(04-104-345) UPPER SHELF	2 X 6	FX
	(04-104-338) UPPER SHELF	2 X 6	FY
	(04-104-332) UPPER SHELF	2 X 6	FZ
	(04-104-319) UPPER SHELF	2 X 6	GA
	(04-104-313) UPPER SHELF	2 X 6	GB
	(04-104-306) UPPER SHELF	2 X 6	GC
	(04-104-300) UPPER SHELF	2 X 6	GD
	(04-104-151) UPPER SHELF	2 X 6	GE
	(04-104-145) UPPER SHELF	2 X 6	GF
	(04-104-138) UPPER SHELF	2 X 6	GG
	(04-104-132) UPPER SHELF	2 X 6	GH
	(04-104-119) UPPER SHELF	2 X 6	GI
	(04-104-113) UPPER SHELF	2 X 6	GJ
	(04-104-106) UPPER SHELF	2 X 6	GK
	(04-104-100) UPPER SHELF	2 X 6	GL
	(04-096-551) UPPER SHELF	2 X 6	GM
	(04-096-545) UPPER SHELF	2 X 6	GN
	(04-096-538) UPPER SHELF	2 X 6	GO
	(04-096-532) UPPER SHELF	2 X 6	GP
	(04-096-519) UPPER SHELF	2 X 6	GQ
	(04-096-513) UPPER SHELF	2 X 6	GR
	(04-096-506) UPPER SHELF	2 X 6	GS
	(04-096-351) UPPER SHELF	2 X 6	GT
	(04-096-345) UPPER SHELF	2 X 6	GU
	(04-096-338) UPPER SHELF	2 X 6	GV
	(04-096-332) UPPER SHELF	2 X 6	GW
	(04-096-319) UPPER SHELF	2 X 6	GX
	(04-096-313) UPPER SHELF	2 X 6	GY
	(04-096-306) UPPER SHELF	2 X 6	GZ
	(04-096-300) UPPER SHELF	2 X 6	HA
	(04-096-138) UPPER SHELF	2 X 6	HB
	(04-096-132) UPPER SHELF	2 X 6	HC
	(04-096-119) UPPER SHELF	2 X 6	HD
	(04-096-113) UPPER SHELF	2 X 6	HE
	(04-096-106) UPPER SHELF	2 X 6	HF
	(04-096-100) UPPER SHELF	2 X 6	HG

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CAD 1 - UNIT SYMBOL TABLE OF CONTENTS (CONT)			
FUNCTION	DESCRIPTION (LOWER LEFT PIN ON CONNECTOR)	SIZE	ELEMENTS
P1DB CABLING	(04-138-346) LOWER SHELF	2 X 4	AQ
	(04-138-339) LOWER SHELF	2 X 4	AR
	(04-138-333) LOWER SHELF	2 X 4	AS
	(04-138-320) LOWER SHELF	2 X 4	AT
	(04-138-314) LOWER SHELF	2 X 4	AU
	(04-138-307) LOWER SHELF	2 X 4	AV
	(04-138-301) LOWER SHELF	2 X 4	AW
	(04-138-152) LOWER SHELF	2 X 4	AX
	(04-138-146) LOWER SHELF	2 X 4	AY
	(04-138-139) LOWER SHELF	2 X 4	AZ
	(04-138-133) LOWER SHELF	2 X 4	BA
	(04-138-120) LOWER SHELF	2 X 4	BB
	(04-138-114) LOWER SHELF	2 X 4	BC
	(04-138-107) LOWER SHELF	2 X 4	BD
	(04-138-101) LOWER SHELF	2 X 4	BE
	(04-130-352) LOWER SHELF	2 X 4	BF
	(04-130-346) LOWER SHELF	2 X 4	BG
	(04-130-339) LOWER SHELF	2 X 4	BH
	(04-130-333) LOWER SHELF	2 X 4	BI
	(04-130-320) LOWER SHELF	2 X 4	BJ
	(04-130-314) LOWER SHELF	2 X 4	BK
	(04-130-307) LOWER SHELF	2 X 4	BL
	(04-130-301) LOWER SHELF	2 X 4	BM
	(04-130-152) LOWER SHELF	2 X 4	BN
	(04-130-146) LOWER SHELF	2 X 4	BO
	(04-130-139) LOWER SHELF	2 X 4	BP
	(04-130-133) LOWER SHELF	2 X 4	BQ
	(04-130-120) LOWER SHELF	2 X 4	BR
	(04-130-114) LOWER SHELF	2 X 4	BS
	(04-130-107) LOWER SHELF	2 X 4	BT
	(04-130-101) LOWER SHELF	2 X 4	BU
	(04-138-346) UPPER SHELF	2 X 4	EI
	(04-138-339) UPPER SHELF	2 X 4	EJ
	(04-138-333) UPPER SHELF	2 X 4	EK
	(04-138-320) UPPER SHELF	2 X 4	EL
	(04-138-314) UPPER SHELF	2 X 4	EM
	(04-138-307) UPPER SHELF	2 X 4	EN
	(04-138-301) UPPER SHELF	2 X 4	EO
	(04-138-152) UPPER SHELF	2 X 4	EP
	(04-138-146) UPPER SHELF	2 X 4	EQ
	(04-138-139) UPPER SHELF	2 X 4	ER
	(04-138-133) UPPER SHELF	2 X 4	ES
	(04-138-120) UPPER SHELF	2 X 4	ET
	(04-138-114) UPPER SHELF	2 X 4	EU
	(04-138-107) UPPER SHELF	2 X 4	EV
	(04-138-101) UPPER SHELF	2 X 4	EW
	(04-130-352) UPPER SHELF	2 X 4	EX
	(04-130-346) UPPER SHELF	2 X 4	EY
	(04-130-339) UPPER SHELF	2 X 4	EZ

CAD 1 - UNIT SYMBOL TABLE OF CONTENTS (CONT)			
FUNCTION	DESCRIPTION (LOWER LEFT PIN ON CONNECTOR)	SIZE	ELEMENTS
P1DB CABLING (CONT)	(04-138-333) UPPER SHELF	2 X 4	FA
	(04-138-320) UPPER SHELF	2 X 4	FB
	(04-138-314) UPPER SHELF	2 X 4	FC
	(04-138-307) UPPER SHELF	2 X 4	FD
	(04-138-301) UPPER SHELF	2 X 4	FE
	(04-138-152) UPPER SHELF	2 X 4	FF
	(04-138-146) UPPER SHELF	2 X 4	FG
	(04-138-139) UPPER SHELF	2 X 4	FH
	(04-138-133) UPPER SHELF	2 X 4	FI
	(04-138-120) UPPER SHELF	2 X 4	FJ
	(04-138-114) UPPER SHELF	2 X 4	FK
	(04-138-107) UPPER SHELF	2 X 4	FL
	(04-138-101) UPPER SHELF	2 X 4	FM
FSU CABLING	(04-112-147) LOWER SHELF	2 X 6	BV
	(04-112-134) LOWER SHELF	2 X 6	BW
	(04-112-147) UPPER SHELF	2 X 6	FN
	(04-112-134) UPPER SHELF	2 X 6	FO
TROU CABLING	(04-156-300) LOWER SHELF	2 X 12	AI
	(04-156-313) LOWER SHELF	2 X 12	AJ
	(04-156-332) LOWER SHELF	2 X 12	AK
	(04-156-345) LOWER SHELF	2 X 12	AL
	(04-156-345) UPPER SHELF	2 X 12	EA
	(04-156-332) UPPER SHELF	2 X 12	EB
	(04-156-313) UPPER SHELF	2 X 12	EC
	(04-156-300) UPPER SHELF	2 X 12	ED
FO NGT LINKS (SM'S & RSM'S)	(07-156-FOR) LOWER SHELF	2 X 12	HK
	(05-156-FOT) LOWER SHELF	2 X 12	HL
	(03-156-FOT) LOWER SHELF	2 X 12	HM
	(01-156-FOR) LOWER SHELF	2 X 12	HN
	(07-156-FOR) UPPER SHELF	2 X 12	HO
	(05-156-FOT) UPPER SHELF	2 X 12	HP
	(03-156-FOT) UPPER SHELF	2 X 12	HQ
	(01-156-FOR) UPPER SHELF	2 X 12	HR
	(06-156R-FO) LOWER SHELF	2 X 24	HW
	(02-156R-FO) LOWER SHELF	2 X 24	HX
	(06-156R-FO) UPPER SHELF	2 X 24	HY
	(02-156R-FO) UPPER SHELF	2 X 24	HZ

CAD 1 - UNIT SYMBOL TABLE OF CONTENTS (CONT)			
FUNCTION	DESCRIPTION (LOWER LEFT PIN ON CONNECTOR)	SIZE	ELEMENTS
FO NGT LINKS (TRM)	(06-156R-FOR) LOWER SHELF	2 X 24	HS
	(02-156R-FOR) LOWER SHELF	2 X 24	HT
	(06-156R-FOR) UPPER SHELF	2 X 24	HU
	(02-156R-FOR) UPPER SHELF	2 X 24	HV
POWER & RETURN LUGS	(01-018-2B0) RETURN LUG LOWER SHELF	LUG	XX
	(01-024-0B0) POWER LUG LOWER SHELF	LUG	XX
	(02-007-001) RETURN LUG LOWER SHELF	LUG	XX
	(02-007-005) POWER LUG LOWER SHELF	LUG	XX
	(02-166-001) RETURN LUG LOWER SHELF	LUG	XX
	(02-166-005) POWER LUG LOWER SHELF	LUG	XX
	(02-176-001) RETURN LUG LOWER SHELF	LUG	XX
	(02-176-005) POWER LUG LOWER SHELF	LUG	XX
	(02-176-009) RETURN LUG LOWER SHELF	LUG	XX
	(02-176-013) POWER LUG LOWER SHELF	LUG	XX
	(01-018-2B0) RETURN LUG UPPER SHELF	LUG	YY
	(01-024-0B0) POWER LUG UPPER SHELF	LUG	YY
	(02-007-001) RETURN LUG UPPER SHELF	LUG	YY
	(02-007-005) POWER LUG UPPER SHELF	LUG	YY
	(02-166-002) RETURN LUG UPPER SHELF	LUG	YY
	(02-166-006) POWER LUG UPPER SHELF	LUG	YY
	(02-176-001) RETURN LUG UPPER SHELF	LUG	YY
	(02-176-005) POWER LUG UPPER SHELF	LUG	YY
	(02-176-009) RETURN LUG UPPER SHELF	LUG	YY
	(02-176-013) POWER LUG UPPER SHELF	LUG	YY
GROUND LUGS	(07-012-357) GRDLUG LOWER SHELF	LUG	WW
	(07-034-157) GRDLUG LOWER SHELF	LUG	WW
	(07-058-357) GRDLUG LOWER SHELF	LUG	WW
	(07-076-357) GRDLUG LOWER SHELF	LUG	WW
	(07-104-157) GRDLUG LOWER SHELF	LUG	WW
	(07-120-357) GRDLUG LOWER SHELF	LUG	WW
	(07-149-057) GRDLUG LOWER SHELF	LUG	WW
	(07-167-057) GRDLUG LOWER SHELF	LUG	WW

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MODULE CONTROLLER AND TIME SLOT INTERCHANGER UNIT, MODEL 2	DWG SIZE	ISSUE
	C2	17B
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	SHEET GB1B	

CAD 1 - UNIT SYMBOL TABLE OF CONTENTS (CONT)			
FUNCTION	DESCRIPTION (LOWER LEFT PIN ON CONNECTOR)	SIZE	ELEMENTS
GROUND LUGS (CONT)	(01-012-3B0) GRDLUG UPPER SHELF	LUG	ZZ
	(01-034-1B0) GRDLUG UPPER SHELF	LUG	ZZ
	(01-058-3B0) GRDLUG UPPER SHELF	LUG	ZZ
	(01-076-3B0) GRDLUG UPPER SHELF	LUG	ZZ
	(01-104-1B0) GRDLUG UPPER SHELF	LUG	ZZ
	(01-120-3B0) GRDLUG UPPER SHELF	LUG	ZZ
	(01-149-0B0) GRDLUG UPPER SHELF	LUG	ZZ
	(01-167-0B0) GRDLUG UPPER SHELF	LUG	ZZ
DLI BITS-BOX CABLES (NON-APR)	(04-156-100) LOWER SHELF	2X3	LE
	(04-156-100) UPPER SHELF	2X3	LF
DLI BITS-BOX CABLES (APR)	(04-156-100) LOWER SHELF	2X3	LG
	(04-156-100) UPPER SHELF	2X3	LH
DLI EXTERNAL CLOCK SELECT	(04-156-112) LOWER SHELF	1X2	LI
	(04-156-112) UPPER SHELF	1X2	LJ
DLI APR W/O EXTERNAL CLOCK	(04-156-000) LOWER SHELF	1X2	LK
	(04-156-000) UPPER SHELF	1X2	LL
DLI T1 SELECT	(04-156-350) LOWER SHELF	2X3	LM
	(04-156-350) UPPER SHELF	2X3	LN
DLI LOOPBACK CABLES	(04-156-308) LOWER SHELF	2X4	LO
	(04-156-321) LOWER SHELF	2X4	LP
	(04-156-340) LOWER SHELF	2X4	LQ
	(04-156-353) LOWER SHELF	2X4	LR
	(04-156-308) UPPER SHELF	2X4	LS
	(04-156-321) UPPER SHELF	2X4	LT
	(04-156-340) UPPER SHELF	2X4	LU
	(04-156-353) UPPER SHELF	2X4	LV

CAD 1 - UNIT SYMBOL TABLE OF CONTENTS (CONT)			
FUNCTION	DESCRIPTION (LOWER LEFT PIN ON CONNECTOR)	SIZE	ELEMENTS

CAD 1 - UNIT SYMBOL TABLE OF CONTENTS (CONT)			
FUNCTION	DESCRIPTION (LOWER LEFT PIN ON CONNECTOR)	SIZE	ELEMENTS

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	C2	20B
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	SHEET	GB1C

LOWER SHELF



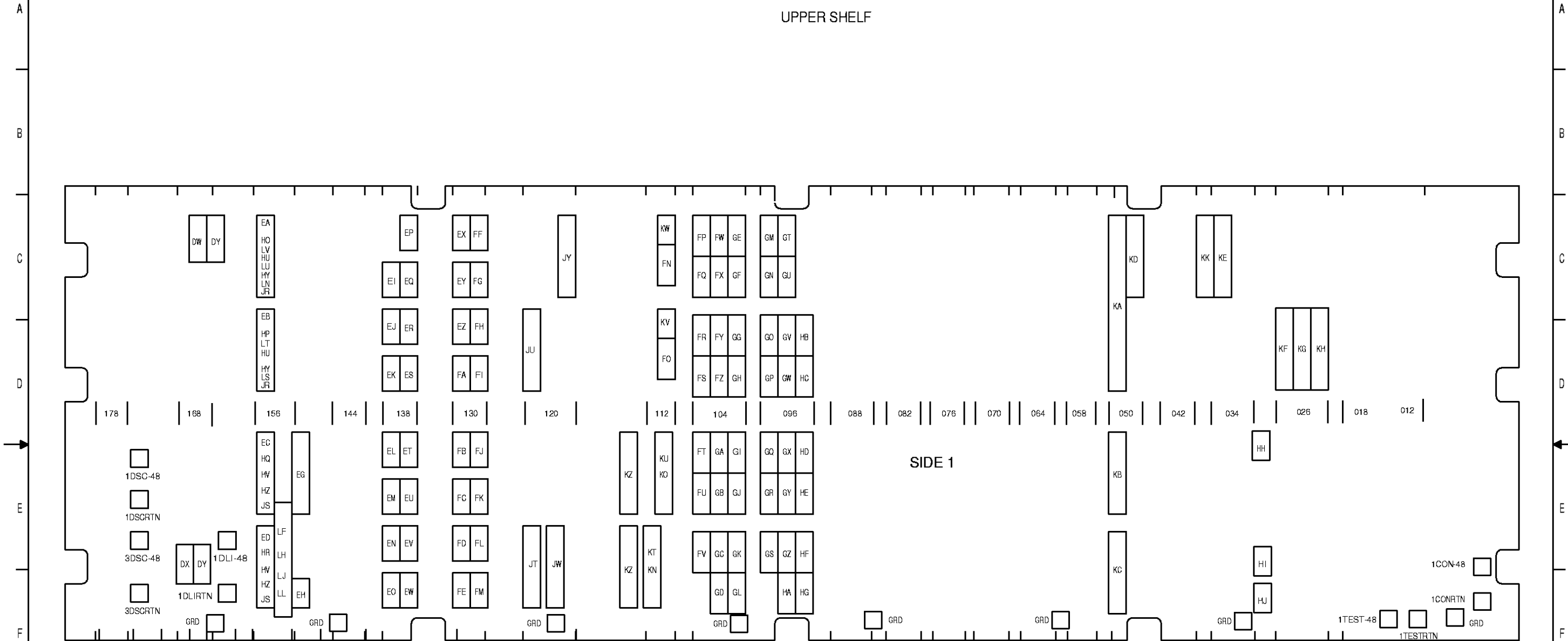
BACKPLANE PICTORIAL WIRING SIDE

1. ALL GRDLUGS REFERENCED AS WW.
2. ALL POWER AND RETURN LUGS REFERENCED AS XX.
3. ED5D649-30 : G2AB(ZG) OR G3AB(ZI)

PRINTED IN U.S.A.

CIRCUIT ACCESS REFERENCE DATA

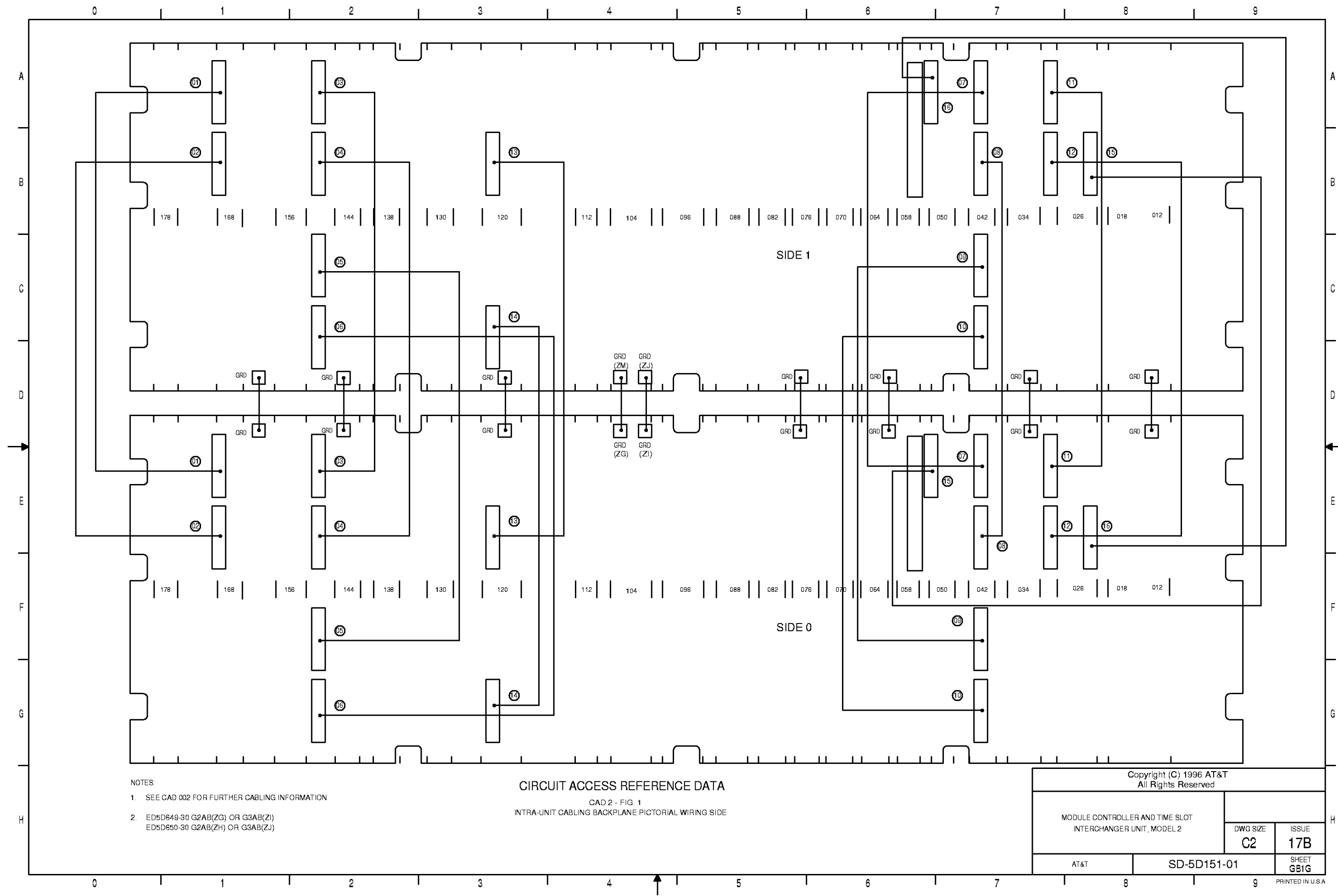
UPPER SHELF



CAD 1 - FIG. 2
BACKPLANE PICTORIAL WIRING SIDE

- NOTES:
1. ALL GRD LUGS REFERENCED AS ZZ.
 2. ALL POWER AND RETURN LUGS REFERENCED AS YY.
 3. ED5D650-30 : G2AB(ZH) OR G3AB(ZJ)

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	C2	20B
AT&T	SD-5D151-01	
	SHEET	GB1E



CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

AE

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-168-252	004-168-252	B15F8	
00C0N	IO	004-168-254	004-168-254	B15B5	
00C0P	IO	004-168-354	004-168-354	B15B6	
00ID0N	IO	004-168-256	004-168-256	B15F7	
00ID0P	IO	004-168-356	004-168-356	B15F7	
00OD0N	IO	004-168-255	004-168-255	B15F7	
00OD0P	IO	004-168-355	004-168-355	B15F8	
00S0N	IO	004-168-253	004-168-253	B15B5	
00S0P	IO	004-168-353	004-168-353	B15B5	
000INT0P	IO	004-168-352	004-168-352	B15F6	

ELEMENT IDENTIFIER

AF

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
00PBI0NL	IO	004-168-303		B15F6	
00PBI0PL	IO	004-168-203		B15F6	
00PBO0NL	IO	004-168-302		B15F6	
00PBO0PL	IO	004-168-202		B15F6	
004MC0NL	IO	004-168-305		B15F5	
004MC0PL	IO	004-168-205		B15F5	
008KS0NL	IO	004-168-304		B15F5	
008KS0PL	IO	004-168-204		B15F5	

ELEMENT IDENTIFIER

AG

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-168-052	004-168-052	B15F8	
010C0N	IO	004-168-054	004-172-054	B15B5	
010C0P	IO	004-168-154	004-173-054	B15B6	
010ID0N	IO	004-168-056	004-168-056	B15F7	
010ID0P	IO	004-168-156	004-168-156	B15F7	
010INT0P	IO	004-168-152	004-168-152	B15F7	
010OD0N	IO	004-168-055	004-168-055	B15F7	
010OD0P	IO	004-168-155	004-168-155	B15F8	
010S0N	IO	004-168-053	004-168-053	B15B5	
010S0P	IO	004-168-153	004-168-153	B15B5	

ELEMENT IDENTIFIER

AH

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
01PBI0NL	IO	004-168-103	004-173-040	B15F7	
01PBI0PL	IO	004-168-003	004-172-040	B15F7	
01PBO0NL	IO	004-168-102	004-173-039	B15F7	
01PBO0PL	IO	004-168-002	004-172-039	B15F7	
014MC0NL	IO	004-168-105	004-173-043	B15F2	
014MC0PL	IO	004-168-005	004-172-043	B15F2	
018KS0NL	IO	004-168-104	004-173-041	B15F3	
018KS0PL	IO	004-168-004	004-172-041	B15F3	

ELEMENT IDENTIFIER

AI

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0BRCV	IO	004-156-308	004-156-308	B14B3	
0GRD	G	004-156-307	004-156-221	B14F6	
0GRD	G	004-156-202	004-156-221	B14F6	
0X8KRFB	IO	004-156-306	004-156-306	B14B2	

ELEMENT IDENTIFIER

AJ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0BXMIT	IO	004-156-321	004-156-321	B14F2	
0GRD	G	004-156-324	004-156-221	B14F6	
0GRD	G	004-156-221	004-156-221	B14F6	
0XBINFR	IO	004-156-322	004-156-322	B14B3	

ELEMENT IDENTIFIER

AK

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0AXMIT	IO	004-156-340	004-156-340	B14F2	
0GRD	G	004-156-234	004-156-221	B14F6	
0GRD	G	004-156-240	004-156-221	B14F7	
0SLARF0	IO	004-156-332	004-156-332	B14F3	
0XAINFR	IO	004-156-232	004-156-232	B14B3	

ELEMENT IDENTIFIER

AL

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0ARCV	IO	004-156-353	004-156-353	B14B3	
0GRD	G	004-156-252	004-156-221	B14F7	
0GRD	G	004-156-356	004-156-221	B14F7	
0GRD	G	004-156-352	004-156-221	B14F7	
0MENOUT	IO	004-156-255	004-156-255	B14F3	
0X8KRFA	IO	004-156-254	004-156-254	B14B2	

ELEMENT IDENTIFIER

AO

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0DINT	IO	004-155-014	004-155-014	B14B4	
0DLIAD	IO	004-155-019	004-155-019	B14B4	
0DLIALM	IO	004-155-022	004-155-000	B19B8	
0DLIALMP	IO	004-155-018	004-155-018	B14F2	
0DLIALMR	IO	004-155-023	004-155-023	B14F3	
0DLIRTN	G	004-155-013	002-155-013	B14B3	
0DLIS1	IO	004-155-017	004-155-017	B14F6	
0DLIS2	IO	004-155-016	004-155-016	B14F3	
0DLIS3	IO	004-155-015	004-155-015	B14F3	
0DOOS00N	IO	004-155-021	004-155-021	B14F3	
0DOOS5P	IO	004-155-020	004-155-020	B14F3	

ELEMENT IDENTIFIER

AP

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0DLIALM	IO	004-155-000	004-155-000	B19B8	
0DLITSTA	IO	004-155-001	004-155-001	B14F3	

ELEMENT IDENTIFIER

AQ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
01PBI14N	IO	004-138-347	004-138-347	B12B5	
01PBI14P	IO	004-138-247	004-138-247	B12B6	
01PBO14N	IO	004-138-346	004-138-346	B12F2	
01PBO14P	IO	004-138-246	004-138-246	B12F3	
014MC14N	IO	004-138-349	004-138-349	B12F4	
014MC14P	IO	004-138-249	004-138-249	B12F5	
018KS14N	IO	004-138-348	004-138-348	B12F7	
018KS14P	IO	004-138-248	004-138-248	B12F8	

ELEMENT IDENTIFIER

AR

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
01PBI13N	IO	004-138-340	004-138-340	B12B4	
01PBI13P	IO	004-138-240	004-138-240	B12B6	
01PBO13N	IO	004-138-339	004-138-339	B12F2	
01PBO13P	IO	004-138-239	004-138-239	B12F3	
014MC13N	IO	004-138-342	004-138-342	B12F4	
014MC13P	IO	004-138-242	004-138-242	B12F5	
018KS13N	IO	004-138-341	004-138-341	B12F7	
018KS13P	IO	004-138-241	004-138-241	B12F8	

ELEMENT IDENTIFIER

AS

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
01PBI12N	IO	004-138-334	004-138-334	B12B4	
01PBI12P	IO	004-138-234	004-138-234	B12B6	
01PBO12N	IO	004-138-333	004-138-333	B12F2	
01PBO12P	IO	004-138-233	004-138-233	B12F3	
014MC12N	IO	004-138-336	004-138-336	B12F4	
014MC12P	IO	004-138-236	004-138-236	B12F5	
018KS12N	IO	004-138-335	004-138-335	B12F7	
018KS12P	IO	004-138-235	004-138-235	B12F8	

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE

C2

ISSUE

17B

AT&T

SD-5D151-01

SHEET

GB2

PRINTED IN U.S.A.

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

AT

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
01PBI7N	IO	004-138-321	004-138-321	B12B4	
01PBI7P	IO	004-138-221	004-138-221	B12B5	
01PBO7N	IO	004-138-320	004-138-320	B12F1	
01PBO7P	IO	004-138-220	004-138-220	B12F2	
014MC7N	IO	004-138-223	004-138-223	B12F4	
014MC7P	IO	004-138-223	004-138-223	B12F5	
018KS7N	IO	004-138-322	004-138-322	B12F6	
018KS7P	IO	004-138-222	004-138-222	B12F7	

ELEMENT IDENTIFIER

AW

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
01PBI4N	IO	004-138-302	004-138-302	B12B5	
01PBI4P	IO	004-138-202	004-138-202	B12B6	
01PBO4N	IO	004-138-301	004-138-301	B12F2	
01PBO4P	IO	004-138-201	004-138-201	B12F3	
014MC4N	IO	004-138-304	004-138-304	B12F4	
014MC4P	IO	004-138-204	004-138-204	B12F5	
018KS4N	IO	004-138-303	004-138-303	B12F7	
018KS4P	IO	004-138-203	004-138-203	B12F8	

ELEMENT IDENTIFIER

AC

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
01PBI9N	IO	004-138-140	004-138-140	B12B4	
01PBI9P	IO	004-138-040	004-138-040	B12B5	
01PBO9N	IO	004-138-139	004-138-139	B12F1	
01PBO9P	IO	004-138-039	004-138-039	B12F3	
014MC9N	IO	004-138-142	004-138-142	B12F4	
014MC9P	IO	004-138-042	004-138-042	B12F5	
018KS9N	IO	004-138-141	004-138-141	B12F6	
018KS9P	IO	004-138-041	004-138-041	B12F8	

ELEMENT IDENTIFIER

BC

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
01PBI2N	IO	004-138-115	004-138-115	B12B4	
01PBI2P	IO	004-138-015	004-138-015	B12B5	
01PBO2N	IO	004-138-114	004-138-114	B12F1	
01PBO2P	IO	004-138-014	004-138-014	B12F2	
014MC2N	IO	004-138-117	004-138-117	B12F3	
014MC2P	IO	004-138-017	004-138-017	B12F5	
018KS2N	IO	004-138-116	004-138-116	B12F6	
018KS2P	IO	004-138-016	004-138-016	B12F7	

ELEMENT IDENTIFIER

AU

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
01PBI6N	IO	004-138-315	004-138-315	B12B4	
01PBI6P	IO	004-138-215	004-138-215	B12B5	
01PBO6N	IO	004-138-314	004-138-314	B12F1	
01PBO6P	IO	004-138-214	004-138-214	B12F2	
014MC6N	IO	004-138-317	004-138-317	B12F4	
014MC6P	IO	004-138-217	004-138-217	B12F5	
018KS6N	IO	004-138-316	004-138-316	B12F6	
018KS6P	IO	004-138-216	004-138-216	B12F7	

ELEMENT IDENTIFIER

AX

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
01PBI11N	IO	004-138-153	004-138-153	B12B4	
01PBI11P	IO	004-138-053	004-138-053	B12B6	
01PBO11N	IO	004-138-152	004-138-152	B12F1	
01PBO11P	IO	004-138-052	004-138-052	B12F3	
014MC11N	IO	004-138-155	004-138-155	B12F4	
014MC11P	IO	004-138-055	004-138-055	B12F5	
018KS11N	IO	004-138-154	004-138-154	B12F7	
018KS11P	IO	004-138-054	004-138-054	B12F8	

ELEMENT IDENTIFIER

BA

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
01PBI8N	IO	004-138-134	004-138-134	B12B4	
01PBI8P	IO	004-138-034	004-138-034	B12B5	
01PBO8N	IO	004-138-133	004-138-133	B12F1	
01PBO8P	IO	004-138-033	004-138-033	B12F3	
014MC8N	IO	004-138-136	004-138-136	B12F4	
014MC8P	IO	004-138-036	004-138-036	B12F5	
018KS8N	IO	004-138-135	004-138-135	B12F6	
018KS8P	IO	004-138-035	004-138-035	B12F7	

ELEMENT IDENTIFIER

BD

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
01PBI1N	IO	004-138-108	004-138-108	B12B4	
01PBI1P	IO	004-138-008	004-138-008	B12B5	
01PBO1N	IO	004-138-107	004-138-107	B12F1	
01PBO1P	IO	004-138-007	004-138-007	B12F2	
014MC1N	IO	004-138-110	004-138-110	B12F3	
014MC1P	IO	004-138-010	004-138-010	B12F4	
018KS1N	IO	004-138-109	004-138-109	B12F6	
018KS1P	IO	004-138-009	004-138-009	B12F7	

ELEMENT IDENTIFIER

AV

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
01PBI5N	IO	004-138-308	004-138-308	B12B4	
01PBI5P	IO	004-138-208	004-138-208	B12B5	
01PBO5N	IO	004-138-307	004-138-307	B12F1	
01PBO5P	IO	004-138-207	004-138-207	B12F2	
014MC5N	IO	004-138-310	004-138-310	B12F4	
014MC5P	IO	004-138-210	004-138-210	B12F5	
018KS5N	IO	004-138-309	004-138-309	B12F6	
018KS5P	IO	004-138-209	004-138-209	B12F7	

ELEMENT IDENTIFIER

AY

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
01PBI10N	IO	004-138-147	004-138-147	B12B4	
01PBI10P	IO	004-138-047	004-138-047	B12B5	
01PBO10N	IO	004-138-146	004-138-146	B12F1	
01PBO10P	IO	004-138-046	004-138-046	B12F3	
014MC10N	IO	004-138-149	004-138-149	B12F4	
014MC10P	IO	004-138-049	004-138-049	B12F5	
018KS10N	IO	004-138-148	004-138-148	B12F6	
018KS10P	IO	004-138-048	004-138-048	B12F8	

ELEMENT IDENTIFIER

BB

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
01PBI3N	IO	004-138-121	004-138-121	B12B4	
01PBI3P	IO	004-138-021	004-138-021	B12B5	
01PBO3N	IO	004-138-120	004-138-120	B12F1	
01PBO3P	IO	004-138-020	004-138-020	B12F2	
014MC3N	IO	004-138-123	004-138-123	B12F3	
014MC3P	IO	004-138-023	004-138-023	B12F5	
018KS3N	IO	004-138-122	004-138-122	B12F6	
018KS3P	IO	004-138-022	004-138-022	B12F7	

ELEMENT IDENTIFIER

BE

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
01PBI0N	IO	004-138-102	004-138-102	B12B3	
01PBI0P	IO	004-138-002	004-138-002	B12B5	
01PBO0N	IO	004-138-101	004-138-101	B12F1	
01PBO0P	IO	004-138-001	004-138-001	B12F2	
014MC0N	IO	004-138-104	004-138-104	B12F3	
014MC0P	IO	004-138-004	004-138-004	B12F4	
018KS0N	IO	004-138-103	004-138-103	B12F6	
018KS0P	IO	004-138-003	004-138-003	B12F7	

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE

C2

ISSUE

17B

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SD-5D151-01

SHEET

GB3

PRINTED IN U.S.A.

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

BF

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
00PB15N	IO	004-130-353	004-130-353	B11B5	
00PB15P	IO	004-130-253	004-130-253	B11B6	
00PBO15N	IO	004-130-352	004-130-352	B11F5	
00PBO15P	IO	004-130-252	004-130-252	B11F3	
004MC15N	IO	004-130-355	004-130-355	B11F4	
004MC15P	IO	004-130-255	004-130-255	B11F5	
008KS15N	IO	004-130-354	004-130-354	B11F7	
008KS15P	IO	004-130-254	004-130-254	B11F8	

ELEMENT IDENTIFIER

BI

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
00PB12N	IO	004-130-334	004-130-334	B11B4	
00PB12P	IO	004-130-234	004-130-234	B11B6	
00PBO12N	IO	004-130-333	004-130-333	B11F2	
00PBO12P	IO	004-130-233	004-130-233	B11F3	
004MC12N	IO	004-130-336	004-130-336	B11F4	
004MC12P	IO	004-130-236	004-130-236	B11F5	
008KS12N	IO	004-130-335	004-130-335	B11F7	
008KS12P	IO	004-130-235	004-130-235	B11F8	

ELEMENT IDENTIFIER

BL

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
00PB15N	IO	004-130-308	004-130-308	B11B4	
00PB15P	IO	004-130-208	004-130-208	B11B5	
00PBO5N	IO	004-130-307	004-130-307	B11F1	
00PBO5P	IO	004-130-207	004-130-207	B11F2	
004MC5N	IO	004-130-310	004-130-310	B11F4	
004MC5P	IO	004-130-210	004-130-210	B11F5	
008KS5N	IO	004-130-309	004-130-309	B11F6	
008KS5P	IO	004-130-209	004-130-209	B11F7	

ELEMENT IDENTIFIER

BO

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
00PB10N	IO	004-130-147	004-130-147	B11B4	
00PB10P	IO	004-130-047	004-130-047	B11B5	
00PBO10N	IO	004-130-146	004-130-146	B11F1	
00PBO10P	IO	004-130-046	004-130-046	B11F3	
004MC10N	IO	004-130-149	004-130-149	B11F4	
004MC10P	IO	004-130-049	004-130-049	B11F5	
008KS10N	IO	004-130-148	004-130-148	B11F6	
008KS10P	IO	004-130-048	004-130-048	B11F8	

ELEMENT IDENTIFIER

BG

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
00PB14N	IO	004-130-347	004-130-347	B11B5	
00PB14P	IO	004-130-247	004-130-247	B11B6	
00PBO14N	IO	004-130-346	004-130-346	B11F2	
00PBO14P	IO	004-130-246	004-130-246	B11F3	
004MC14N	IO	004-130-349	004-130-349	B11F4	
004MC14P	IO	004-130-249	004-130-249	B11F5	
008KS14N	IO	004-130-348	004-130-348	B11F7	
008KS14P	IO	004-130-248	004-130-248	B11F8	

ELEMENT IDENTIFIER

BJ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
00PB17N	IO	004-130-321	004-130-321	B11B4	
00PB17P	IO	004-130-221	004-130-221	B11B5	
00PBO7N	IO	004-130-320	004-130-320	B11F1	
00PBO7P	IO	004-130-220	004-130-220	B11F2	
004MC7N	IO	004-130-323	004-130-323	B11F4	
004MC7P	IO	004-130-223	004-130-223	B11F5	
008KS7N	IO	004-130-322	004-130-322	B11F6	
008KS7P	IO	004-130-222	004-130-222	B11F7	

ELEMENT IDENTIFIER

BM

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
00PB14N	IO	004-130-302	004-130-302	B11B5	
00PB14P	IO	004-130-202	004-130-202	B11B6	
00PBO4N	IO	004-130-301	004-130-301	B11F2	
00PBO4P	IO	004-130-201	004-130-201	B11F3	
004MC4N	IO	004-130-304	004-130-304	B11F4	
004MC4P	IO	004-130-204	004-130-204	B11F5	
008KS4N	IO	004-130-303	004-130-303	B11F7	
008KS4P	IO	004-130-203	004-130-203	B11F8	

ELEMENT IDENTIFIER

BP

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
00PB19N	IO	004-130-140	004-130-140	B11B4	
00PB19P	IO	004-130-040	004-130-040	B11B5	
00PBO9N	IO	004-130-139	004-130-139	B11F1	
00PBO9P	IO	004-130-039	004-130-039	B11F3	
004MC9N	IO	004-130-142	004-130-142	B11F4	
004MC9P	IO	004-130-042	004-130-042	B11F5	
008KS9N	IO	004-130-141	004-130-141	B11F6	
008KS9P	IO	004-130-041	004-130-041	B11F8	

ELEMENT IDENTIFIER

BH

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
00PB13N	IO	004-130-340	004-130-340	B11B4	
00PB13P	IO	004-130-240	004-130-240	B11B6	
00PBO13N	IO	004-130-339	004-130-339	B11F2	
00PBO13P	IO	004-130-239	004-130-239	B11F3	
004MC13N	IO	004-130-342	004-130-342	B11F4	
004MC13P	IO	004-130-242	004-130-242	B11F5	
008KS13N	IO	004-130-341	004-130-341	B11F7	
008KS13P	IO	004-130-241	004-130-241	B11F8	

ELEMENT IDENTIFIER

BK

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
00PB16N	IO	004-130-315	004-130-315	B11B4	
00PB16P	IO	004-130-215	004-130-215	B11B5	
00PBO6N	IO	004-130-314	004-130-314	B11F1	
00PBO6P	IO	004-130-214	004-130-214	B11F2	
004MC6N	IO	004-130-317	004-130-317	B11F4	
004MC6P	IO	004-130-217	004-130-217	B11F5	
008KS6N	IO	004-130-316	004-130-316	B11F6	
008KS6P	IO	004-130-216	004-130-216	B11F7	

ELEMENT IDENTIFIER

BN

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
00PB11N	IO	004-130-153	004-130-153	B11B4	
00PB11P	IO	004-130-053	004-130-053	B11B6	
00PBO11N	IO	004-130-152	004-130-152	B11F1	
00PBO11P	IO	004-130-052	004-130-052	B11F3	
004MC11N	IO	004-130-155	004-130-155	B11F4	
004MC11P	IO	004-130-055	004-130-055	B11F5	
008KS11N	IO	004-130-154	004-130-154	B11F6	
008KS11P	IO	004-130-054	004-130-054	B11F8	

ELEMENT IDENTIFIER

BQ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
00PB18N	IO	004-130-134	004-130-134	B11B4	
00PB18P	IO	004-130-034	004-130-034	B11B5	
00PBO8N	IO	004-130-133	004-130-133	B11F1	
00PBO8P	IO	004-130-033	004-130-033	B11F3	
004MC8N	IO	004-130-136	004-130-136	B11F4	
004MC8P	IO	004-130-036	004-130-036	B11F5	
008KS8N	IO	004-130-135	004-130-135	B11F6	
008KS8P	IO	004-130-035	004-130-035	B11F7	

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE

C2

ISSUE

17B

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SD-5D151-01

SHEET

GB4

PRINTED IN U.S.A.

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

BR

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
00PB13N	IO	004-130-121	004-130-121	B11B4	
00PB13P	IO	004-130-021	004-130-021	B11B5	
00PBO3N	IO	004-130-120	004-130-120	B11F1	
00PBO3P	IO	004-130-020	004-130-020	B11F2	
004MC3N	IO	004-130-123	004-130-123	B11F3	
004MC3P	IO	004-130-023	004-130-023	B11F5	
008KS3N	IO	004-130-122	004-130-122	B11F6	
008KS3P	IO	004-130-022	004-130-022	B11F7	

ELEMENT IDENTIFIER

BS

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
00PB12N	IO	004-130-115	004-130-115	B11B4	
00PB12P	IO	004-130-015	004-130-015	B11B5	
00PBO2N	IO	004-130-114	004-130-114	B11F1	
00PBO2P	IO	004-130-014	004-130-014	B11F2	
004MC2N	IO	004-130-117	004-130-117	B11F3	
004MC2P	IO	004-130-017	004-130-017	B11F5	
008KS2N	IO	004-130-116	004-130-116	B11F6	
008KS2P	IO	004-130-016	004-130-016	B11F7	

ELEMENT IDENTIFIER

BT

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
00PB11N	IO	004-130-108	004-130-108	B11B4	
00PB11P	IO	004-130-008	004-130-008	B11B5	
00PBO1N	IO	004-130-107	004-130-107	B11F1	
00PBO1P	IO	004-130-007	004-130-007	B11F2	
004MC1N	IO	004-130-110	004-130-110	B11F3	
004MC1P	IO	004-130-010	004-130-010	B11F4	
008KS1N	IO	004-130-109	004-130-109	B11F6	
008KS1P	IO	004-130-009	004-130-009	B11F7	

ELEMENT IDENTIFIER

BU

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
00PB10N	IO	004-130-102	004-130-102	B11B3	
00PB10P	IO	004-130-002	004-130-002	B11B5	
00PBO0N	IO	004-130-101	004-130-101	B11F1	
00PBO0P	IO	004-130-001	004-130-001	B11F2	
004MC0N	IO	004-130-104	004-130-104	B11F3	
004MC0P	IO	004-130-004	004-130-004	B11F4	
008KS0N	IO	004-130-103	004-130-103	B11F6	
008KS0P	IO	004-130-003	004-130-003	B11F7	

ELEMENT IDENTIFIER

BV

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
01PCTSON	IO	004-112-149	004-112-149	B10B3	(YM)
01PCTSOP	IO	004-112-049	004-112-049	B10B3	(YM)
01PRTSON	IO	004-112-150	004-112-150	B10F0	(YM)
01PRTSOP	IO	004-112-050	004-112-050	B10F0	(YM)
01PRXC1N	IO	004-112-152	004-112-152	B10B1	(YM)
01PRXC1P	IO	004-112-052	004-112-052	B10B1	(YM)
01PRXD0N	IO	004-112-151	004-112-151	B10B3	(YM)
01PRXD0P	IO	004-112-051	004-112-051	B10B3	(YM)
01PTXC0N	IO	004-112-148	004-112-148	B10F0	(YM)
01PTXC0P	IO	004-112-048	004-112-048	B10F0	(YM)
01PTXD1N	IO	004-112-147	004-112-147	B10F2	(YM)
01PTXD1P	IO	004-112-047	004-112-047	B10F2	(YM)

ELEMENT IDENTIFIER

BW

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
00PCTSON	IO	004-112-136	004-112-136	B10B4	(YM)
00PCTSOP	IO	004-112-036	004-112-036	B10B5	(YM)
00PRTSON	IO	004-112-137	004-112-137	B10F1	(YM)
00PRTSOP	IO	004-112-037	004-112-037	B10F1	(YM)
00PRXC1N	IO	004-112-139	004-112-139	B10B2	(YM)
00PRXC1P	IO	004-112-039	004-112-039	B10B2	(YM)
00PRXD0N	IO	004-112-138	004-112-138	B10B4	(YM)
00PRXD0P	IO	004-112-038	004-112-038	B10B4	(YM)
00PTXC0N	IO	004-112-135	004-112-135	B10F1	(YM)
00PTXC0P	IO	004-112-035	004-112-035	B10F1	(YM)
00PTXD1N	IO	004-112-134	004-112-134	B10F2	(YM)
00PTXD1P	IO	004-112-034	004-112-034	B10F2	(YM)

ELEMENT IDENTIFIER

BX

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-452	004-104-439	B9B5	
01C16N	IO	004-104-454	004-104-454	B9F0	
01C16P	IO	004-104-554	004-104-554	B9F0	
01D16N	IO	004-104-456	004-104-456	B9B2	
01D16P	IO	004-104-556	004-104-556	B9B4	
01INT16P	IO	004-104-552	004-104-552	B9B7	
01OD16N	IO	004-104-455	004-104-455	B9F2	
01OD16P	IO	004-104-555	004-104-555	B9F4	
01S16N	IO	004-104-453	004-104-453	B9F5	
01S16P	IO	004-104-553	004-104-553	B9F7	

ELEMENT IDENTIFIER

BY

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-446	004-104-439	B9B5	
01C17N	IO	004-104-448	004-104-448	B9F0	
01C17P	IO	004-104-548	004-104-548	B9F0	
01D17N	IO	004-104-450	004-104-450	B9B2	
01D17P	IO	004-104-550	004-104-550	B9B4	
01INT17P	IO	004-104-546	004-104-546	B9B7	
01OD17N	IO	004-104-449	004-104-449	B9F2	
01OD17P	IO	004-104-549	004-104-549	B9F4	
01S17N	IO	004-104-447	004-104-447	B9F5	
01S17P	IO	004-104-547	004-104-547	B9F7	

ELEMENT IDENTIFIER

BZ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-439	004-104-439	B9B5	
01C18N	IO	004-104-441	004-104-441	B9F0	
01C18P	IO	004-104-541	004-104-541	B9F0	
01D18N	IO	004-104-443	004-104-443	B9B2	
01D18P	IO	004-104-543	004-104-543	B9B4	
01INT18P	IO	004-104-539	004-104-539	B9B7	
01OD18N	IO	004-104-442	004-104-442	B9F2	
01OD18P	IO	004-104-542	004-104-542	B9F4	
01S18N	IO	004-104-440	004-104-440	B9F6	
01S18P	IO	004-104-540	004-104-540	B9F7	

ELEMENT IDENTIFIER

CA

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-433	004-104-439	B9B5	
01C19N	IO	004-104-435	004-104-435	B9F0	
01C19P	IO	004-104-535	004-104-535	B9F0	
01D19N	IO	004-104-437	004-104-437	B9B2	
01D19P	IO	004-104-537	004-104-537	B9B4	
01INT19P	IO	004-104-533	004-104-533	B9B7	
01OD19N	IO	004-104-436	004-104-436	B9F2	
01OD19P	IO	004-104-536	004-104-536	B9F4	
01S19N	IO	004-104-434	004-104-434	B9F6	
01S19P	IO	004-104-534	004-104-534	B9F7	

ELEMENT IDENTIFIER

CB

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-420	004-104-439	B9B6	
01C20N	IO	004-104-422	004-104-422	B9F0	
01C20P	IO	004-104-522	004-104-522	B9F0	
01D20N	IO	004-104-424	004-104-424	B9B2	
01D20P	IO	004-104-524	004-104-524	B9B4	
01INT20P	IO	004-104-520	004-104-520	B9B7	
01OD20N	IO	004-104-423	004-104-423	B9F2	
01OD20P	IO	004-104-523	004-104-523	B9F4	
01S20N	IO	004-104-421	004-104-421	B9F6	
01S20P	IO	004-104-521	004-104-521	B9F7	

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE

C2

ISSUE

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SHEET

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CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

CC

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-414	004-104-439	B9B6	
01C21N	IO	004-104-416	004-104-416	B9F0	
01C21P	IO	004-104-516	004-104-516	B9F0	
01ID21N	IO	004-104-418	004-104-418	B9B2	
01ID21P	IO	004-104-518	004-104-518	B9B4	
01INT21P	IO	004-104-514	004-104-514	B9B7	
01OD21N	IO	004-104-417	004-104-417	B9F2	
01OD21P	IO	004-104-517	004-104-517	B9F4	
01S21N	IO	004-104-415	004-104-415	B9F6	
01S21P	IO	004-104-515	004-104-515	B9F8	

ELEMENT IDENTIFIER

CD

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-407	004-104-439	B9B5	
01C22N	IO	004-104-409	004-104-409	B9F0	
01C22P	IO	004-104-509	004-104-509	B9F0	
01ID22N	IO	004-104-411	004-104-411	B9B2	
01ID22P	IO	004-104-511	004-104-511	B9B4	
01INT22P	IO	004-104-507	004-104-507	B9B7	
01OD22N	IO	004-104-410	004-104-410	B9F2	
01OD22P	IO	004-104-510	004-104-510	B9F4	
01S22N	IO	004-104-408	004-104-408	B9F6	
01S22P	IO	004-104-508	004-104-508	B9F8	

ELEMENT IDENTIFIER

CE

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-252	004-104-439	B9B5	
01C8N	IO	004-104-254	004-104-254	B9F0	
01C8P	IO	004-104-354	004-104-354	B9F0	
01ID8N	IO	004-104-256	004-104-256	B9B1	
01ID8P	IO	004-104-356	004-104-356	B9B3	
01INT8P	IO	004-104-352	004-104-352	B9B7	
01OD8N	IO	004-104-255	004-104-255	B9F1	
01OD8P	IO	004-104-355	004-104-355	B9F3	
01S8N	IO	004-104-253	004-104-253	B9F5	
01S8P	IO	004-104-353	004-104-353	B9F7	

ELEMENT IDENTIFIER

CF

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-246	004-104-439	B9B5	
01C9N	IO	004-104-248	004-104-248	B9F0	
01C9P	IO	004-104-348	004-104-348	B9F0	
01ID9N	IO	004-104-250	004-104-250	B9B1	
01ID9P	IO	004-104-350	004-104-350	B9B3	
01INT9P	IO	004-104-346	004-104-346	B9B7	
01OD9N	IO	004-104-249	004-104-249	B9F1	
01OD9P	IO	004-104-349	004-104-349	B9F3	
01S9N	IO	004-104-247	004-104-247	B9F5	
01S9P	IO	004-104-347	004-104-347	B9F7	

ELEMENT IDENTIFIER

CG

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-239	004-104-439	B9B5	
01C10N	IO	004-104-241	004-104-241	B9F0	
01C10P	IO	004-104-341	004-104-341	B9F0	
01ID10N	IO	004-104-243	004-104-243	B9B1	
01ID10P	IO	004-104-343	004-104-343	B9B3	
01INT10P	IO	004-104-339	004-104-339	B9B7	
01OD10N	IO	004-104-242	004-104-242	B9F1	
01OD10P	IO	004-104-342	004-104-342	B9F3	
01S10N	IO	004-104-240	004-104-240	B9F5	
01S10P	IO	004-104-340	004-104-340	B9F7	

ELEMENT IDENTIFIER

CH

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-233	004-104-439	B9B5	
01C11N	IO	004-104-235	004-104-235	B9F0	
01C11P	IO	004-104-335	004-104-335	B9F0	
01ID11N	IO	004-104-237	004-104-237	B9B1	
01ID11P	IO	004-104-337	004-104-337	B9B3	
01INT11P	IO	004-104-333	004-104-333	B9B7	
01OD11N	IO	004-104-236	004-104-236	B9F1	
01OD11P	IO	004-104-336	004-104-336	B9F3	
01S11N	IO	004-104-234	004-104-234	B9F5	
01S11P	IO	004-104-334	004-104-334	B9F7	

ELEMENT IDENTIFIER

CI

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-220	004-104-439	B9B5	
01C12N	IO	004-104-222	004-104-222	B9F0	
01C12P	IO	004-104-322	004-104-322	B9F0	
01ID12N	IO	004-104-224	004-104-224	B9B1	
01ID12P	IO	004-104-324	004-104-324	B9B3	
01INT12P	IO	004-104-320	004-104-320	B9B7	
01OD12N	IO	004-104-223	004-104-223	B9F2	
01OD12P	IO	004-104-323	004-104-323	B9F3	
01S12N	IO	004-104-221	004-104-221	B9F5	
01S12P	IO	004-104-321	004-104-321	B9F7	

ELEMENT IDENTIFIER

CJ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-214	004-104-439	B9B5	
01C13N	IO	004-104-216	004-104-216	B9F0	
01C13P	IO	004-104-316	004-104-316	B9F0	
01ID13N	IO	004-104-218	004-104-218	B9B1	
01ID13P	IO	004-104-318	004-104-318	B9B3	
01INT13P	IO	004-104-314	004-104-314	B9B7	
01OD13N	IO	004-104-217	004-104-217	B9F2	
01OD13P	IO	004-104-317	004-104-317	B9F3	
01S13N	IO	004-104-215	004-104-215	B9F5	
01S13P	IO	004-104-315	004-104-315	B9F7	

ELEMENT IDENTIFIER

CK

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-207	004-104-439	B9B5	
01C14N	IO	004-104-209	004-104-209	B9F0	
01C14P	IO	004-104-309	004-104-309	B9F0	
01ID14N	IO	004-104-211	004-104-211	B9B2	
01ID14P	IO	004-104-311	004-104-311	B9B3	
01INT14P	IO	004-104-307	004-104-307	B9B7	
01OD14N	IO	004-104-210	004-104-210	B9F3	
01OD14P	IO	004-104-310	004-104-310	B9F2	
01S14N	IO	004-104-208	004-104-208	B9F5	
01S14P	IO	004-104-308	004-104-308	B9F7	

ELEMENT IDENTIFIER

CL

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-201	004-104-439	B9B5	
01C15N	IO	004-104-203	004-104-203	B9F0	
01C15P	IO	004-104-303	004-104-303	B9F0	
01ID15N	IO	004-104-205	004-104-205	B9B2	
01ID15P	IO	004-104-305	004-104-305	B9B3	
01INT15P	IO	004-104-301	004-104-301	B9B7	
01OD15N	IO	004-104-204	004-104-204	B9F2	
01OD15P	IO	004-104-304	004-104-304	B9F4	
01S15N	IO	004-104-202	004-104-202	B9F5	
01S15P	IO	004-104-302	004-104-302	B9F7	

ELEMENT IDENTIFIER

CM

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-052	004-104-439	B9B4	
01C0N	IO	004-104-054	004-104-054	B9F0	
01C0P	IO	004-104-154	004-104-154	B9F0	
01ID0N	IO	004-104-056	004-104-056	B9B0	
01ID0P	IO	004-104-156	004-104-156	B9B2	
01INT0P	IO	004-104-152	004-104-152	B9B6	
01OD0N	IO	004-104-055	004-104-055	B9F1	
01OD0P	IO	004-104-155	004-104-155	B9F2	
01S0N	IO	004-104-053	004-104-053	B9F4	
01S0P	IO	004-104-153	004-104-153	B9F6	

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE

C2

ISSUE

17B

AT&T

SD-5D151-01

SHEET

B36

PRINTED IN U.S.A.

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

CN

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-046	004-104-439	B9B4	
01C1N	IO	004-104-048	004-104-048	B9F0	
01C1P	IO	004-104-148	004-104-148	B9F0	
01ID1N	IO	004-104-050	004-104-050	B9B1	
01ID1P	IO	004-104-150	004-104-150	B9B2	
01INT1P	IO	004-104-146	004-104-146	B9B6	
01OD1N	IO	004-104-049	004-104-049	B9F1	
01OD1P	IO	004-104-149	004-104-149	B9F2	
01S1N	IO	004-104-047	004-104-047	B9F4	
01S1P	IO	004-104-147	004-104-147	B9F6	

ELEMENT IDENTIFIER

CO

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-039	004-104-439	B9B4	
01C2N	IO	004-104-041	004-104-041	B9F0	
01C2P	IO	004-104-141	004-104-141	B9F0	
01ID2N	IO	004-104-043	004-104-043	B9B1	
01ID2P	IO	004-104-143	004-104-143	B9B2	
01INT2P	IO	004-104-139	004-104-139	B9B6	
01OD2N	IO	004-104-042	004-104-042	B9F1	
01OD2P	IO	004-104-142	004-104-142	B9F3	
01S2N	IO	004-104-040	004-104-040	B9F4	
01S2P	IO	004-104-140	004-104-140	B9F6	

ELEMENT IDENTIFIER

CP

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-033	004-104-439	B9B5	
01C3N	IO	004-104-035	004-104-035	B9F0	
01C3P	IO	004-104-135	004-104-135	B9F0	
01ID3N	IO	004-104-037	004-104-037	B9B1	
01ID3P	IO	004-104-137	004-104-137	B9B2	
01INT3P	IO	004-104-133	004-104-133	B9B6	
01OD3N	IO	004-104-036	004-104-036	B9F1	
01OD3P	IO	004-104-136	004-104-136	B9F3	
01S3N	IO	004-104-034	004-104-034	B9F4	
01S3P	IO	004-104-134	004-104-134	B9F6	

ELEMENT IDENTIFIER

CQ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-020	004-104-439	B9B4	
01C4N	IO	004-104-022	004-104-022	B9F0	
01C4P	IO	004-104-122	004-104-122	B9F0	
01ID4N	IO	004-104-024	004-104-024	B9B1	
01ID4P	IO	004-104-124	004-104-124	B9B3	
01INT4P	IO	004-104-120	004-104-120	B9B6	
01OD4N	IO	004-104-023	004-104-023	B9F1	
01OD4P	IO	004-104-123	004-104-123	B9F3	
01S4N	IO	004-104-021	004-104-021	B9F4	
01S4P	IO	004-104-121	004-104-121	B9F6	

ELEMENT IDENTIFIER

CR

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-014	004-104-439	B9B4	
01C5N	IO	004-104-016	004-104-016	B9F0	
01C5P	IO	004-104-116	004-104-116	B9F0	
01ID5N	IO	004-104-018	004-104-018	B9B1	
01ID5P	IO	004-104-118	004-104-118	B9B3	
01INT5P	IO	004-104-114	004-104-114	B9B6	
01OD5N	IO	004-104-017	004-104-017	B9F1	
01OD5P	IO	004-104-117	004-104-117	B9F3	
01S5N	IO	004-104-015	004-104-015	B9F5	
01S5P	IO	004-104-115	004-104-115	B9F6	

ELEMENT IDENTIFIER

CS

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-104-007	004-104-439	B9B5	
01C6N	IO	004-104-009	004-104-009	B9F0	
01C6P	IO	004-104-109	004-104-109	B9F0	
01ID6N	IO	004-104-011	004-104-011	B9B1	
01ID6P	IO	004-104-111	004-104-111	B9B3	
01INT6P	IO	004-104-107	004-104-107	B9F6	
01OD6N	IO	004-104-010	004-104-010	B9F1	
01OD6P	IO	004-104-110	004-104-110	B9F3	
01S6N	IO	004-104-008	004-104-008	B9F5	
01S6P	IO	004-104-108	004-104-108	B9F6	

ELEMENT IDENTIFIER

CT

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
01C7N	IO	004-104-003	004-104-003	B9F0	
01C7P	IO	004-104-103	004-104-103	B9F0	
01ID7N	IO	004-104-005	004-104-005	B9B1	
01ID7P	IO	004-104-105	004-104-105	B9B3	
01INT7P	IO	004-104-101	004-104-101	B9B6	
01OD7N	IO	004-104-004	004-104-004	B9F1	
01OD7P	IO	004-104-104	004-104-104	B9F3	
01S7N	IO	004-104-002	004-104-002	B9F5	
01S7P	IO	004-104-102	004-104-102	B9F6	

ELEMENT IDENTIFIER

CU

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-096-452	004-096-246	B8B5	
00C16N	IO	004-096-454	004-096-454	B8F0	
00C16P	IO	004-096-554	004-096-554	B8F0	
00ID16N	IO	004-096-456	004-096-456	B8B2	
00ID16P	IO	004-096-556	004-096-556	B8B3	
00INT16P	IO	004-096-552	004-096-552	B8B7	
00OD16N	IO	004-096-455	004-096-455	B8F2	
00OD16P	IO	004-096-555	004-096-555	B8F4	
00S16N	IO	004-096-453	004-096-453	B8F5	
00S16P	IO	004-096-553	004-096-553	B8F7	

ELEMENT IDENTIFIER

CV

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-096-446	004-096-246	B8B5	
00C17N	IO	004-096-448	004-096-448	B8F0	
00C17P	IO	004-096-548	004-096-548	B8F0	
00ID17N	IO	004-096-450	004-096-450	B8B2	
00ID17P	IO	004-096-550	004-096-550	B8B4	
00INT17P	IO	004-096-546	004-096-546	B8B7	
00OD17N	IO	004-096-449	004-096-449	B8F2	
00OD17P	IO	004-096-549	004-096-549	B8F4	
00S17N	IO	004-096-447	004-096-447	B8F5	
00S17P	IO	004-096-547	004-096-547	B8F7	

ELEMENT IDENTIFIER

CW

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-096-439	004-096-246	B8B5	
00C18N	IO	004-096-441	004-096-441	B8F0	
00C18P	IO	004-096-541	004-096-541	B8F0	
00ID18N	IO	004-096-443	004-096-443	B8B2	
00ID18P	IO	004-096-543	004-096-543	B8B4	
00INT18P	IO	004-096-539	004-096-539	B8B7	
00OD18N	IO	004-096-442	004-096-442	B8F2	
00OD18P	IO	004-096-542	004-096-542	B8F4	
00S18N	IO	004-096-440	004-096-440	B8F6	
00S18P	IO	004-096-540	004-096-540	B8F7	

ELEMENT IDENTIFIER

CX

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-096-433	004-096-246	B8B5	
00C19N	IO	004-096-435	004-096-435	B8F0	
00C19P	IO	004-096-535	004-096-535	B8F0	
00ID19N	IO	004-096-437	004-096-437	B8B2	
00ID19P	IO	004-096-537	004-096-537	B8B4	
00INT19P	IO	004-096-533	004-096-533	B8B7	
00OD19N	IO	004-096-436	004-096-436	B8F2	
00OD19P	IO	004-096-536	004-096-536	B8F4	
00S19N	IO	004-096-434	004-096-434	B8F6	
00S19P	IO	004-096-534	004-096-534	B8F7	

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE

C2

ISSUE

17B

AT&T

SD-5D151-01

SHEET

GB7

PRINTED IN U.S.A.

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

CX

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-096-420	004-096-246	B8B6	
00C20N	IO	004-096-422	004-096-422	B8F0	
00C20P	IO	004-096-522	004-096-522	B8F0	
00ID20N	IO	004-096-424	004-096-424	B8B2	
00ID20P	IO	004-096-524	004-096-524	B8B4	
00INT20P	IO	004-096-520	004-096-520	B8B7	
00OD20N	IO	004-096-423	004-096-423	B8F2	
00OD20P	IO	004-096-523	004-096-523	B8F4	
00S20N	IO	004-096-421	004-096-421	B8F6	
00S20P	IO	004-096-521	004-096-521	B8F7	

ELEMENT IDENTIFIER

CS

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-096-414	004-096-246	B8B6	
00C21N	IO	004-096-416	004-096-416	B8F0	
00C21P	IO	004-096-516	004-096-516	B8F0	
00ID21N	IO	004-096-418	004-096-418	B8B2	
00ID21P	IO	004-096-518	004-096-518	B8B4	
00INT21P	IO	004-096-514	004-096-514	B8B7	
00OD21N	IO	004-096-417	004-096-417	B8F2	
00OD21P	IO	004-096-517	004-096-517	B8F4	
00S21N	IO	004-096-415	004-096-415	B8F6	
00S21P	IO	004-096-515	004-096-515	B8F8	

ELEMENT IDENTIFIER

DA

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-096-407	004-096-246	B8B5	
00C22N	IO	004-096-409	004-096-409	B8F0	
00C22P	IO	004-096-509	004-096-509	B8F0	
00ID22N	IO	004-096-411	004-096-411	B8B2	
00ID22P	IO	004-096-511	004-096-511	B8B4	
00INT22P	IO	004-096-507	004-096-507	B8B7	
00OD22N	IO	004-096-410	004-096-410	B8F2	
00OD22P	IO	004-096-510	004-096-510	B8F4	
00S22N	IO	004-096-408	004-096-408	B8F6	
00S22P	IO	004-096-508	004-096-508	B8F8	

ELEMENT IDENTIFIER

DB

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-096-252	004-096-246	B8B5	
00C8N	IO	004-096-254	004-096-254	B8F0	
00C8P	IO	004-096-354	004-096-354	B8F0	
00ID8N	IO	004-096-256	004-096-256	B8B1	
00ID8P	IO	004-096-356	004-096-356	B8B3	
00INT8P	IO	004-096-352	004-096-352	B8B7	
00OD8N	IO	004-096-255	004-096-255	B8F1	
00OD8P	IO	004-096-355	004-096-355	B8F3	
00S8N	IO	004-096-253	004-096-253	B8F5	
00S8P	IO	004-096-353	004-096-353	B8F7	

ELEMENT IDENTIFIER

DC

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-096-246	004-096-246	B8B5	
00C9N	IO	004-096-248	004-096-248	B8F0	
00C9P	IO	004-096-348	004-096-348	B8F0	
00ID9N	IO	004-096-250	004-096-250	B8B1	
00ID9P	IO	004-096-350	004-096-350	B8B3	
00INT9P	IO	004-096-346	004-096-346	B8B7	
00OD9N	IO	004-096-249	004-096-249	B8F1	
00OD9P	IO	004-096-349	004-096-349	B8F3	
00S9N	IO	004-096-247	004-096-247	B8F5	
00S9P	IO	004-096-347	004-096-347	B8F7	

ELEMENT IDENTIFIER

DD

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-096-239	004-096-246	B8B5	
00C10N	IO	004-096-241	004-096-241	B8F0	
00C10P	IO	004-096-341	004-096-341	B8F0	
00ID10N	IO	004-096-243	004-096-243	B8B1	
00ID10P	IO	004-096-343	004-096-343	B8B3	
00INT10P	IO	004-096-339	004-096-339	B8B7	
00OD10N	IO	004-096-242	004-096-242	B8F1	
00OD10P	IO	004-096-342	004-096-342	B8F3	
00S10N	IO	004-096-240	004-096-240	B8F5	
00S10P	IO	004-096-340	004-096-340	B8F7	

ELEMENT IDENTIFIER

DE

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-096-233	004-096-246	B8B5	
00C11N	IO	004-096-235	004-096-235	B8F0	
00C11P	IO	004-096-335	004-096-335	B8F0	
00ID11N	IO	004-096-237	004-096-237	B8B1	
00ID11P	IO	004-096-337	004-096-337	B8B3	
00INT11P	IO	004-096-333	004-096-333	B8B7	
00OD11N	IO	004-096-236	004-096-236	B8F1	
00OD11P	IO	004-096-336	004-096-336	B8F3	
00S11N	IO	004-096-234	004-096-234	B8F5	
00S11P	IO	004-096-334	004-096-334	B8F7	

ELEMENT IDENTIFIER

DF

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-096-220	004-096-246	B8B5	
00C12N	IO	004-096-222	004-096-222	B8F0	
00C12P	IO	004-096-322	004-096-322	B8F0	
00ID12N	IO	004-096-224	004-096-224	B8B1	
00ID12P	IO	004-096-324	004-096-324	B8B3	
00INT12P	IO	004-096-320	004-096-320	B8B7	
00OD12N	IO	004-096-223	004-096-223	B8F2	
00OD12P	IO	004-096-323	004-096-323	B8F3	
00S12N	IO	004-096-221	004-096-221	B8F5	
00S12P	IO	004-096-321	004-096-321	B8F7	

ELEMENT IDENTIFIER

DG

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-096-214	004-096-246	B8B5	
00C13N	IO	004-096-216	004-096-216	B8F0	
00C13P	IO	004-096-316	004-096-316	B8F0	
00ID13N	IO	004-096-218	004-096-218	B8B1	
00ID13P	IO	004-096-318	004-096-318	B8B3	
00INT13P	IO	004-096-314	004-096-314	B8B7	
00OD13N	IO	004-096-217	004-096-217	B8F2	
00OD13P	IO	004-096-317	004-096-317	B8F3	
00S13N	IO	004-096-215	004-096-215	B8F5	
00S13P	IO	004-096-315	004-096-315	B8F7	

ELEMENT IDENTIFIER

DH

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-096-207	004-096-246	B8B5	
00C14N	IO	004-096-209	004-096-209	B8F0	
00C14P	IO	004-096-309	004-096-309	B8F0	
00ID14N	IO	004-096-211	004-096-211	B8B2	
00ID14P	IO	004-096-311	004-096-311	B8B3	
00INT14P	IO	004-096-307	004-096-307	B8B7	
00OD14N	IO	004-096-210	004-096-210	B8F2	
00OD14P	IO	004-096-310	004-096-310	B8F3	
00S14N	IO	004-096-208	004-096-208	B8F5	
00S14P	IO	004-096-308	004-096-308	B8F7	

ELEMENT IDENTIFIER

DI

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-096-201	004-096-246	B8B5	
00C15N	IO	004-096-203	004-096-203	B8F0	
00C15P	IO	004-096-303	004-096-303	B8F0	
00ID15N	IO	004-096-205	004-096-205	B8B2	
00ID15P	IO	004-096-305	004-096-305	B8B3	
00INT15P	IO	004-096-301	004-096-301	B8B7	
00OD15N	IO	004-096-204	004-096-204	B8F2	
00OD15P	IO	004-096-304	004-096-304	B8F4	
00S15N	IO	004-096-202	004-096-202	B8F5	
00S15P	IO	004-096-302	004-096-302	B8F7	

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE
C2

ISSUE
17B

AT&T

SD-5D151-01

SHEET
GB8

PRINTED IN U.S.A.

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

DJ

TERM. MODIFIER	ACCESS FUNC TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G 004-096-039	004-096-001	B8B4	
00C2N	IO 004-096-041	004-096-041	B8F0	
00C2P	IO 004-096-141	004-096-141	B8F0	
00ID2N	IO 004-096-043	004-096-043	B8B1	
00ID2P	IO 004-096-143	004-096-143	B8B2	
00INT2P	IO 004-096-139	004-096-139	B8B6	
00OD2N	IO 004-096-042	004-096-042	B8F1	
00OD2P	IO 004-096-142	004-096-142	B8F3	
00S2N	IO 004-096-040	004-096-040	B8F4	
00S2P	IO 004-096-140	004-096-140	B8F6	

ELEMENT IDENTIFIER

DK

TERM. MODIFIER	ACCESS FUNC TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G 004-096-033	004-096-001	B8B5	
00C3N	IO 004-096-035	004-096-035	B8F0	
00C3P	IO 004-096-135	004-096-135	B8F0	
00ID3N	IO 004-096-037	004-096-037	B8B1	
00ID3P	IO 004-096-137	004-096-137	B8B2	
00INT3P	IO 004-096-133	004-096-133	B8B6	
00OD3N	IO 004-096-036	004-096-036	B8F1	
00OD3P	IO 004-096-136	004-096-136	B8F3	
00S3N	IO 004-096-034	004-096-034	B8F4	
00S3P	IO 004-096-134	004-096-134	B8F6	

ELEMENT IDENTIFIER

DL

TERM. MODIFIER	ACCESS FUNC TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G 004-096-020	004-096-001	B8B4	
00C4N	IO 004-096-022	004-096-022	B8F0	
00C4P	IO 004-096-122	004-096-122	B8F0	
00ID4N	IO 004-096-024	004-096-024	B8B1	
00ID4P	IO 004-096-124	004-096-124	B8B3	
00INT4P	IO 004-096-120	004-096-120	B8B6	
00OD4N	IO 004-096-023	004-096-023	B8F1	
00OD4P	IO 004-096-123	004-096-123	B8F3	
00S4N	IO 004-096-021	004-096-021	B8F4	
00S4P	IO 004-096-121	004-096-121	B8F6	

ELEMENT IDENTIFIER

DM

TERM. MODIFIER	ACCESS FUNC TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G 004-096-014	004-096-001	B8B4	
00C5N	IO 004-096-016	004-096-016	B8F0	
00C5P	IO 004-096-116	004-096-116	B8F0	
00ID5N	IO 004-096-018	004-096-018	B8B1	
00ID5P	IO 004-096-118	004-096-118	B8B3	
00INT5P	IO 004-096-114	004-096-114	B8B6	
00OD5N	IO 004-096-017	004-096-017	B8F1	
00OD5P	IO 004-096-117	004-096-117	B8F3	
00S5N	IO 004-096-015	004-096-015	B8F5	
00S5P	IO 004-096-115	004-096-115	B8F6	

ELEMENT IDENTIFIER

DN

TERM. MODIFIER	ACCESS FUNC TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G 004-096-007	004-096-001	B8B5	
00C6N	IO 004-096-009	004-096-009	B8F0	
00C6P	IO 004-096-109	004-096-109	B8F0	
00ID6N	IO 004-096-011	004-096-011	B8B1	
00ID6P	IO 004-096-111	004-096-111	B8B3	
00INT6P	IO 004-096-107	004-096-107	B8F6	
00OD6N	IO 004-096-010	004-096-010	B8F1	
00OD6P	IO 004-096-110	004-096-110	B8F3	
00S6N	IO 004-096-008	004-096-008	B8F5	
00S6P	IO 004-096-108	004-096-108	B8F6	

ELEMENT IDENTIFIER

DO

TERM. MODIFIER	ACCESS FUNC TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G 004-096-001	004-096-001	B8B5	
00C7N	IO 004-096-003	004-096-003	B8F0	
00C7P	IO 004-096-103	004-096-103	B8F0	
00ID7N	IO 004-096-005	004-096-005	B8B1	
00ID7P	IO 004-096-105	004-096-105	B8B3	
00INT7P	IO 004-096-101	004-096-101	B8B6	
00OD7N	IO 004-096-004	004-096-004	B8F1	
00OD7P	IO 004-096-104	004-096-104	B8F3	
00S7N	IO 004-096-002	004-096-002	B8F5	
00S7P	IO 004-096-102	004-096-102	B8F6	

ELEMENT IDENTIFIER

DP

TERM. MODIFIER	ACCESS FUNC TERM.	FS TERM.	SHEET LOC	NOTE
0CTSLT1	IO 004-033-021	004-033-021	B1F7	
0FANO	IO 004-032-023	004-032-023	B1B4	
0GRD	G 004-032-021	004-032-002	B20D4	
0GRD	G 004-032-024	004-032-024	B1F9	(DA,DI)
0SANLTG	IO 004-033-023	004-033-023	B1F8	
0SANLTR	IO 004-033-022	004-033-022	B1B6	

ELEMENT IDENTIFIER

DQ

TERM. MODIFIER	ACCESS FUNC TERM.	FS TERM.	SHEET LOC	NOTE
0ALM	IO 004-033-004	004-033-004	B1F0	
0TSTA	IO 004-033-005	004-033-005	B1F9	
0TSTB	IO 004-032-005	004-032-005	B1F9	
0ZIN	IO 004-032-004	004-032-004	B1B6	

ELEMENT IDENTIFIER

DR

TERM. MODIFIER	ACCESS FUNC TERM.	FS TERM.	SHEET LOC	NOTE
0FANRST	IO 004-033-000	004-033-000	B1F7	
0FANSC	IO 004-033-001	004-033-001	B1B4	
0GRD	G 004-032-002	004-032-002	B20D4	

ELEMENT IDENTIFIER

DW

TERM. MODIFIER	ACCESS FUNC TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G 104-168-252	104-168-252	B36F9	
100C1N	IO 104-168-254	104-172-048	B36B5	
100C1P	IO 104-168-354	104-173-048	B36B5	
100ID1N	IO 104-168-256	104-172-050	B36F7	
100ID1P	IO 104-168-356	104-173-050	B36F7	
100INT1P	IO 104-168-352	104-173-046	B36F7	
100OD1N	IO 104-168-255	104-168-255	B36F7	
100OD1P	IO 104-168-355	104-173-049	B36F7	
100S1N	IO 104-168-253	104-172-047	B36B5	
100S1P	IO 104-168-353	104-173-047	B36B5	

ELEMENT IDENTIFIER

DX

TERM. MODIFIER	ACCESS FUNC TERM.	FS TERM.	SHEET LOC	NOTE
10PB11NL	IO 104-168-303	104-173-034	B36F3	
10PB11PL	IO 104-168-203	104-172-034	B36F3	
10PBO1NL	IO 104-168-302	104-173-033	B36F3	
10PBO1PL	IO 104-168-202	104-172-033	B36F3	
104MC1NL	IO 104-168-305	104-173-037	B36F2	
104MC1PL	IO 104-168-205	104-172-037	B36F3	
108KS1NL	IO 104-168-304	104-173-035	B36F3	
108KS1PL	IO 104-168-204	104-172-035	B36F3	

ELEMENT IDENTIFIER

DY

TERM. MODIFIER	ACCESS FUNC TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G 104-168-052	104-168-252	B36F9	
10C1N	IO 104-168-054	104-168-054	B36B6	
10C1P	IO 104-168-154	104-168-154	B36B6	
10ID1N	IO 104-168-056	104-168-056	B36F7	
10ID1P	IO 104-168-156	104-168-156	B36F7	
10INT1P	IO 104-168-152	104-168-152	B36F8	
10OD1N	IO 104-168-055	104-168-055	B36F8	
10OD1P	IO 104-168-155	104-168-155	B36F8	
10S1N	IO 104-168-053	104-168-053	B36B6	
10S1P	IO 104-168-153	104-168-153	B36B6	

ELEMENT IDENTIFIER

DZ

TERM. MODIFIER	ACCESS FUNC TERM.	FS TERM.	SHEET LOC	NOTE
11PB11NL	IO 104-168-103		B36F6	
11PB11PL	IO 104-168-003		B36F6	
11PBO1NL	IO 104-168-102		B36F6	
11PBO1PL	IO 104-168-002		B36F6	
114MC1NL	IO 104-168-105		B36F5	
114MC1PL	IO 104-168-005		B36F5	
118KS1NL	IO 104-168-104		B36F5	
118KS1PL	IO 104-168-004		B36F5	

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE

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SHEET

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UNIT SYMBOL

ELEMENT IDENTIFIER

EA

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1ARCV	IO	104-156-353	104-156-353	B35B3	
1GRD	G	104-156-356	104-156-307	B35F7	
1GRD	G	104-156-252	104-156-307	B35F7	
1GRD	G	104-156-352	104-156-307	B35F7	
1MENOUT	IO	104-156-255	104-156-255	B35F3	
1X8KRFA	IO	104-156-254	104-156-254	B35B2	

ELEMENT IDENTIFIER

EB

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1AXMIT	IO	104-156-340	104-156-340	B35F2	
1GRD	G	104-156-234	104-156-307	B35F6	
1GRD	G	104-156-240	104-156-307	B35F7	
1SLARF0	IO	104-156-332	104-156-332	B35F3	
1XAINFR	IO	104-156-232	104-156-232	B35B3	

ELEMENT IDENTIFIER

EC

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1BXMIT	IO	104-156-321	104-156-321	B35F2	
1GRD	G	104-156-221	104-156-307	B35F6	
1GRD	G	104-156-324	104-156-307	B35F6	
1XBINFR	IO	104-156-322	104-156-322	B35B3	

ELEMENT IDENTIFIER

ED

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1BRCV	IO	104-156-308	104-156-308	B35B3	
1GRD	G	104-156-202	104-156-307	B35F6	
1GRD	G	104-156-307	104-156-307	B35F6	
1X8KRFB	IO	104-156-306	104-156-306	B35B2	

ELEMENT IDENTIFIER

EG

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1DINT	IO	104-155-014	104-155-014	B35B4	
1DLIAD	IO	104-155-019	104-155-019	B35B4	
1DLIALM	IO	104-155-022	104-155-000	B41B8	
1DLIALMP	IO	104-155-018	104-155-018	B35F2	
1DLIALMR	IO	104-155-023	104-155-023	B35F3	
1DLIRTN	G	104-155-013	102-166-002	B35B3	
1DLIS1	IO	104-155-017	104-155-017	B35F6	
1DLIS2	IO	104-155-016	104-155-016	B35F3	
1DLIS3	IO	104-155-015	104-155-015	B35F3	
1DOOSCON	IO	104-155-021	104-155-021	B35F3	
1DOOS5P	IO	104-155-020	104-155-020	B35F3	

ELEMENT IDENTIFIER

EH

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1DLIALM	IO	104-155-000	104-155-000	B41B8	
1DLITSTA	IO	104-155-001	104-155-001	B35F3	

ELEMENT IDENTIFIER

EI

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
11PBI14N	IO	104-138-347	104-138-347	B33B5	
11PBI14P	IO	104-138-247	104-138-247	B33B6	
11PBO14N	IO	104-138-346	104-138-346	B33F2	
11PBO14P	IO	104-138-246	104-138-246	B33F3	
114MC14N	IO	104-138-349	104-138-349	B33F4	
114MC14P	IO	104-138-249	104-138-249	B33F5	
118KS14N	IO	104-138-348	104-138-348	B33F7	
118KS14P	IO	104-138-248	104-138-248	B33F8	

ELEMENT IDENTIFIER

EJ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
11PBI13N	IO	104-138-340	104-138-340	B33B4	
11PBI13P	IO	104-138-240	104-138-240	B33B6	
11PBO13N	IO	104-138-339	104-138-339	B33F2	
11PBO13P	IO	104-138-239	104-138-239	B33F3	
114MC13N	IO	104-138-342	104-138-342	B33F4	
114MC13P	IO	104-138-242	104-138-242	B33F5	
118KS13N	IO	104-138-341	104-138-341	B33F7	
118KS13P	IO	104-138-241	104-138-241	B33F8	

ELEMENT IDENTIFIER

EK

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
11PBI12N	IO	104-138-334	104-138-334	B33B4	
11PBI12P	IO	104-138-234	104-138-234	B33B6	
11PBO12N	IO	104-138-333	104-138-333	B33F2	
11PBO12P	IO	104-138-233	104-138-233	B33F3	
114MC12N	IO	104-138-336	104-138-336	B33F4	
114MC12P	IO	104-138-236	104-138-236	B33F5	
118KS12N	IO	104-138-335	104-138-335	B33F7	
118KS12P	IO	104-138-235	104-138-235	B33F8	

ELEMENT IDENTIFIER

EL

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
11PBI7N	IO	104-138-321	104-138-321	B33B4	
11PBI7P	IO	104-138-221	104-138-221	B33B6	
11PBO7N	IO	104-138-320	104-138-320	B33F1	
11PBO7P	IO	104-138-220	104-138-220	B33F2	
114MC7N	IO	104-138-323	104-138-323	B33F4	
114MC7P	IO	104-138-223	104-138-223	B33F5	
118KS7N	IO	104-138-322	104-138-322	B33F6	
118KS7P	IO	104-138-222	104-138-222	B33F7	

ELEMENT IDENTIFIER

EM

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
11PBI6N	IO	104-138-315	104-138-315	B33B4	
11PBI6P	IO	104-138-215	104-138-215	B33B6	
11PBO6N	IO	104-138-314	104-138-314	B33F1	
11PBO6P	IO	104-138-214	104-138-214	B33F2	
114MC6N	IO	104-138-317	104-138-317	B33F4	
114MC6P	IO	104-138-217	104-138-217	B33F5	
118KS6N	IO	104-138-316	104-138-316	B33F6	
118KS6P	IO	104-138-216	104-138-216	B33F7	

ELEMENT IDENTIFIER

EN

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
11PBI5N	IO	104-138-308	104-138-308	B33B4	
11PBI5P	IO	104-138-208	104-138-208	B33B6	
11PBO5N	IO	104-138-307	104-138-307	B33F1	
11PBO5P	IO	104-138-207	104-138-207	B33F2	
114MC5N	IO	104-138-310	104-138-310	B33F4	
114MC5P	IO	104-138-210	104-138-210	B33F5	
118KS5N	IO	104-138-309	104-138-309	B33F6	
118KS5P	IO	104-138-209	104-138-209	B33F7	

ELEMENT IDENTIFIER

EO

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
11PBI4N	IO	104-138-302	104-138-302	B33B5	
11PBI4P	IO	104-138-202	104-138-202	B33B6	
11PBO4N	IO	104-138-301	104-138-301	B33F2	
11PBO4P	IO	104-138-201	104-138-201	B33F3	
114MC4N	IO	104-138-304	104-138-304	B33F4	
114MC4P	IO	004-138-204	104-138-204	B33F5	
118KS4N	IO	104-138-303	104-138-303	B33F7	
118KS4P	IO	104-138-203	104-138-203	B33F8	

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE

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UNIT SYMBOL

ELEMENT IDENTIFIER

EF

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
11PBI11N	IO	104-138-153	104-138-153	B33B4	
11PBI11P	IO	104-138-053	104-138-053	B33B6	
11PBO11N	IO	104-138-152	104-138-152	B33F1	
11PBO11P	IO	104-138-052	104-138-052	B33F3	
114MC11N	IO	104-138-155	104-138-155	B33F4	
114MC11P	IO	104-138-055	104-138-055	B33F5	
118KS11N	IO	104-138-154	104-138-154	B33F7	
118KS11P	IO	104-138-054	104-138-054	B33F8	

ELEMENT IDENTIFIER

ES

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
11PBI8N	IO	104-138-134	104-138-134	B33B4	
11PBI8P	IO	104-138-034	104-138-034	B33B5	
11PBO8N	IO	104-138-133	104-138-133	B33F1	
11PBO8P	IO	104-138-033	104-138-033	B33F3	
114MC8N	IO	104-138-136	104-138-136	B33F4	
114MC8P	IO	104-138-036	104-138-036	B33F5	
118KS8N	IO	104-138-135	104-138-135	B33F6	
118KS8P	IO	104-138-035	104-138-035	B33F7	

ELEMENT IDENTIFIER

EV

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
11PBI1N	IO	104-138-108	104-138-108	B33B4	
11PBI1P	IO	104-138-008	104-138-008	B33B5	
11PBO1N	IO	104-138-107	104-138-107	B33F1	
11PBO1P	IO	104-138-007	104-138-007	B33F2	
114MC1N	IO	104-138-110	104-138-110	B33F3	
114MC1P	IO	104-138-010	104-138-010	B33F4	
118KS1N	IO	104-138-109	104-138-109	B33F6	
118KS1P	IO	104-138-009	104-138-009	B33F7	

ELEMENT IDENTIFIER

EY

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
10PBI14N	IO	104-130-347	104-130-347	B32B5	
10PBI14P	IO	104-130-247	104-130-247	B32B6	
10PBO14N	IO	104-130-346	104-130-346	B32F2	
10PBO14P	IO	104-130-246	104-130-246	B32F3	
104MC14N	IO	104-130-349	104-130-349	B32F4	
104MC14P	IO	104-130-249	104-130-249	B32F5	
108KS14N	IO	104-130-348	104-130-348	B32F7	
108KS14P	IO	104-130-248	104-130-248	B32F8	

ELEMENT IDENTIFIER

EQ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
11PBI10N	IO	104-138-147	104-138-147	B33B4	
11PBI10P	IO	104-138-047	104-138-047	B33B5	
11PBO10N	IO	104-138-146	104-138-146	B33F1	
11PBO10P	IO	104-138-046	104-138-046	B33F3	
114MC10N	IO	104-138-149	104-138-149	B33F4	
114MC10P	IO	104-138-049	104-138-049	B33F5	
118KS10N	IO	104-138-148	104-138-148	B33F6	
118KS10P	IO	104-138-048	104-138-048	B33F8	

ELEMENT IDENTIFIER

ET

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
11PBI9N	IO	104-138-121	104-138-121	B33B4	
11PBI9P	IO	104-138-021	104-138-021	B33B5	
11PBO9N	IO	104-138-120	104-138-120	B33F1	
11PBO9P	IO	104-138-020	104-138-020	B33F2	
114MC9N	IO	104-138-123	104-138-123	B33F3	
114MC9P	IO	104-138-023	104-138-023	B33F5	
118KS9N	IO	104-138-122	104-138-122	B33F6	
118KS9P	IO	104-138-022	104-138-022	B33F7	

ELEMENT IDENTIFIER

EW

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
11PBI0N	IO	104-138-102	104-138-102	B33B3	
11PBI0P	IO	104-138-002	104-138-002	B33B5	
11PBO0N	IO	104-138-101	104-138-101	B33F1	
11PBO0P	IO	104-138-001	104-138-001	B33F2	
114MC0N	IO	104-138-104	104-138-104	B33F3	
114MC0P	IO	104-138-004	104-138-004	B33F4	
118KS0N	IO	104-138-103	104-138-103	B33F6	
118KS0P	IO	104-138-003	104-138-003	B33F7	

ELEMENT IDENTIFIER

EZ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
10PBI13N	IO	104-130-340	104-130-340	B32B4	
10PBI13P	IO	104-130-240	104-130-240	B32B6	
10PBO13N	IO	104-130-339	104-130-339	B32F2	
10PBO13P	IO	104-130-239	104-130-239	B32F3	
104MC13N	IO	104-130-342	104-130-342	B32F4	
104MC13P	IO	104-130-242	104-130-242	B32F5	
108KS13N	IO	104-130-341	104-130-341	B32F7	
108KS13P	IO	104-130-241	104-130-241	B32F8	

ELEMENT IDENTIFIER

ER

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
11PBI9N	IO	104-138-140	104-138-140	B33B4	
11PBI9P	IO	104-138-040	104-138-040	B33B5	
11PBO9N	IO	104-138-139	104-138-139	B33F1	
11PBO9P	IO	104-138-039	104-138-039	B33F3	
114MC9N	IO	104-138-142	104-138-142	B33F4	
114MC9P	IO	104-138-042	104-138-042	B33F5	
118KS9N	IO	104-138-141	104-138-141	B33F6	
118KS9P	IO	104-138-041	104-138-041	B33F8	

ELEMENT IDENTIFIER

EU

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
11PBI2N	IO	104-138-115	104-138-115	B33B4	
11PBI2P	IO	104-138-015	104-138-015	B33B5	
11PBO2N	IO	104-138-114	104-138-114	B33F1	
11PBO2P	IO	104-138-014	104-138-014	B33F2	
114MC2N	IO	104-138-117	104-138-117	B33F3	
114MC2P	IO	104-138-017	104-138-017	B33F5	
118KS2N	IO	104-138-116	104-138-116	B33F6	
118KS2P	IO	104-138-016	104-138-016	B33F7	

ELEMENT IDENTIFIER

EX

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
10PBI15N	IO	104-130-353	104-130-353	B32B5	
10PBI15P	IO	104-130-253	104-130-253	B32B6	
10PBO15N	IO	104-130-352	104-130-352	B32F5	
10PBO15P	IO	104-130-252	104-130-252	B32F3	
104MC15N	IO	104-130-355	104-130-355	B32F4	
104MC15P	IO	104-130-255	104-130-255	B32F5	
108KS15N	IO	104-130-354	104-130-354	B32F7	
108KS15P	IO	104-130-254	104-130-254	B32F8	

ELEMENT IDENTIFIER

FA

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
10PBI12N	IO	104-130-334	104-130-334	B32B4	
10PBI12P	IO	104-130-234	104-130-234	B32B6	
10PBO12N	IO	104-130-333	104-130-333	B32F2	
10PBO12P	IO	104-130-233	104-130-233	B32F3	
104MC12N	IO	104-130-336	104-130-336	B32F4	
104MC12P	IO	104-130-236	104-130-236	B32F5	
108KS12N	IO	104-130-335	104-130-335	B32F7	
108KS12P	IO	104-130-235	104-130-235	B32F8	

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE

C2

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UNIT SYMBOL

ELEMENT IDENTIFIER

FE

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
10PBI7N	IO	104-130-321	104-130-321	B32B4	
10PBI7P	IO	104-130-221	104-130-221	B32B5	
10PBO7N	IO	104-130-320	104-130-320	B32F1	
10PBO7P	IO	104-130-220	104-130-220	B32F2	
104MC7N	IO	104-130-223	104-130-223	B32F4	
104MC7P	IO	104-130-223	104-130-223	B32F5	
108KS7N	IO	104-130-322	104-130-322	B32F6	
108KS7P	IO	104-130-222	104-130-222	B32F7	

ELEMENT IDENTIFIER

FE

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
10PBI4N	IO	104-130-302	104-130-302	B32B5	
10PBI4P	IO	104-130-202	104-130-202	B32B6	
10PBO4N	IO	104-130-301	104-130-301	B32F2	
10PBO4P	IO	104-130-201	104-130-201	B32F3	
104MC4N	IO	104-130-304	104-130-304	B32F4	
104MC4P	IO	104-130-204	104-130-204	B32F5	
108KS4N	IO	104-130-303	104-130-303	B32F7	
108KS4P	IO	104-130-203	104-130-203	B32F8	

ELEMENT IDENTIFIER

FH

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
10PBI9N	IO	104-130-140	104-130-140	B32B4	
10PBI9P	IO	104-130-040	104-130-040	B32B5	
10PBO9N	IO	104-130-139	104-130-139	B32F1	
10PBO9P	IO	104-130-039	104-130-039	B32F3	
104MC9N	IO	104-130-142	104-130-142	B32F4	
104MC9P	IO	104-130-042	104-130-042	B32F5	
108KS9N	IO	104-130-141	104-130-141	B32F6	
108KS9P	IO	104-130-041	104-130-041	B32F8	

ELEMENT IDENTIFIER

FK

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
10PBI2N	IO	104-130-115	104-130-115	B32B4	
10PBI2P	IO	104-130-015	104-130-015	B32B5	
10PBO2N	IO	104-130-114	104-130-114	B32F1	
10PBO2P	IO	104-130-014	104-130-014	B32F2	
104MC2N	IO	104-130-117	104-130-117	B32F3	
104MC2P	IO	104-130-017	104-130-017	B32F5	
108KS2N	IO	104-130-116	104-130-116	B32F6	
108KS2P	IO	104-130-016	104-130-016	B32F7	

ELEMENT IDENTIFIER

FC

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
10PBI6N	IO	104-130-315	104-130-315	B32B4	
10PBI6P	IO	104-130-215	104-130-215	B32B5	
10PBO6N	IO	104-130-314	104-130-314	B32F1	
10PBO6P	IO	104-130-214	104-130-214	B32F2	
104MC6N	IO	104-130-317	104-130-317	B32F4	
104MC6P	IO	104-130-217	104-130-217	B32F5	
108KS6N	IO	104-130-316	104-130-316	B32F6	
108KS6P	IO	104-130-216	104-130-216	B32F7	

ELEMENT IDENTIFIER

FF

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
10PBI11N	IO	104-130-153	104-130-153	B32B4	
10PBI11P	IO	104-130-053	104-130-053	B32B6	
10PBO11N	IO	104-130-152	104-130-152	B32F1	
10PBO11P	IO	104-130-052	104-130-052	B32F3	
104MC11N	IO	104-130-155	104-130-155	B32F4	
104MC11P	IO	104-130-055	104-130-055	B32F5	
108KS11N	IO	104-130-154	104-130-154	B32F6	
108KS11P	IO	104-130-054	104-130-054	B32F8	

ELEMENT IDENTIFIER

FI

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
10PBI8N	IO	104-130-134	104-130-134	B32B4	
10PBI8P	IO	104-130-034	104-130-034	B32B5	
10PBO8N	IO	104-130-133	104-130-133	B32F1	
10PBO8P	IO	104-130-033	104-130-033	B32F3	
104MC8N	IO	104-130-136	104-130-136	B32F4	
104MC8P	IO	104-130-036	104-130-036	B32F5	
108KS8N	IO	104-130-135	104-130-135	B32F6	
108KS8P	IO	104-130-035	104-130-035	B32F7	

ELEMENT IDENTIFIER

FL

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
10PBI1N	IO	104-130-108	104-130-108	B32B4	
10PBI1P	IO	104-130-008	104-130-008	B32B5	
10PBO1N	IO	104-130-107	104-130-107	B32F1	
10PBO1P	IO	104-130-007	104-130-007	B32F2	
104MC1N	IO	104-130-110	104-130-110	B32F3	
104MC1P	IO	104-130-010	104-130-010	B32F4	
108KS1N	IO	104-130-109	104-130-109	B32F6	
108KS1P	IO	104-130-009	104-130-009	B32F7	

ELEMENT IDENTIFIER

FD

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
10PBI5N	IO	104-130-308	104-130-308	B32B4	
10PBI5P	IO	104-130-208	104-130-208	B32B5	
10PBO5N	IO	104-130-307	104-130-307	B32F1	
10PBO5P	IO	104-130-207	104-130-207	B32F2	
104MC5N	IO	104-130-310	104-130-310	B32F4	
104MC5P	IO	104-130-210	104-130-210	B32F5	
108KS5N	IO	104-130-309	104-130-309	B32F6	
108KS5P	IO	104-130-209	104-130-209	B32F7	

ELEMENT IDENTIFIER

FG

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
10PBI10N	IO	104-130-147	104-130-147	B32B4	
10PBI10P	IO	104-130-047	104-130-047	B32B5	
10PBO10N	IO	104-130-146	104-130-146	B32F1	
10PBO10P	IO	104-130-046	104-130-046	B32F3	
104MC10N	IO	104-130-149	104-130-149	B32F4	
104MC10P	IO	104-130-049	104-130-049	B32F5	
108KS10N	IO	104-130-148	104-130-148	B32F6	
108KS10P	IO	104-130-048	104-130-048	B32F8	

ELEMENT IDENTIFIER

FJ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
10PBI3N	IO	104-130-121	104-130-121	B32B4	
10PBI3P	IO	104-130-021	104-130-021	B32B5	
10PBO3N	IO	104-130-120	104-130-120	B32F1	
10PBO3P	IO	104-130-020	104-130-020	B32F2	
104MC3N	IO	104-130-123	104-130-123	B32F3	
104MC3P	IO	104-130-023	104-130-023	B32F5	
108KS3N	IO	104-130-122	104-130-122	B32F6	
108KS3P	IO	104-130-022	104-130-022	B32F7	

ELEMENT IDENTIFIER

FM

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
10PBI0N	IO	104-130-102	104-130-102	B32B3	
10PBI0P	IO	104-130-002	104-130-002	B32B5	
10PBO0N	IO	104-130-101	104-130-101	B32F1	
10PBO0P	IO	104-130-001	104-130-001	B32F2	
104MC0N	IO	104-130-104	104-130-104	B32F3	
104MC0P	IO	104-130-004	104-130-004	B32F4	
108KS0N	IO	104-130-103	104-130-103	B32F6	
108KS0P	IO	104-130-003	104-130-003	B32F7	

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MODULE CONTROLLER AND TIME SLOT INTERCHANGER UNIT, MODEL 2	DWG SIZE	ISSUE
	C2	17B
AT&T	SD-5D151-01	
		SHEET GB12

PRINTED IN U.S.A.

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

FN

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
11PCTS0N	IO	104-112-149	104-112-149	B31B3	(NM)
11PCTS0P	IO	104-112-049	104-112-049	B31B3	(NM)
11PRTS0N	IO	104-112-150	104-112-150	B31F0	(NM)
11PRTS0P	IO	104-112-050	104-112-050	B31F0	(NM)
11PRXC1N	IO	104-112-152	104-112-152	B31B1	(NM)
11PRXC1P	IO	104-112-052	104-112-052	B31B1	(NM)
11PRXD0N	IO	104-112-151	104-112-151	B31B3	(NM)
11PRXD0P	IO	104-112-051	104-112-051	B31B3	(NM)
11PTXC0N	IO	104-112-148	104-112-148	B31F0	(NM)
11PTXC0P	IO	104-112-048	104-112-048	B31F0	(NM)
11PTXD1N	IO	104-112-147	104-112-147	B31F2	(NM)
11PTXD1P	IO	104-112-047	104-112-047	B31F2	(NM)

ELEMENT IDENTIFIER

FO

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
10PCTS0N	IO	104-112-136	104-112-136	B31B4	(NM)
10PCTS0P	IO	104-112-036	104-112-036	B31B5	(NM)
10PRTS0N	IO	104-112-137	104-112-137	B31F1	(NM)
10PRTS0P	IO	104-112-037	104-112-037	B31F1	(NM)
10PRXC1N	IO	104-112-139	104-112-139	B31B2	(NM)
10PRXC1P	IO	104-112-039	104-112-039	B31B2	(NM)
10PRXD0N	IO	104-112-138	104-112-138	B31B4	(NM)
10PRXD0P	IO	104-112-038	104-112-038	B31B4	(NM)
10PTXC0N	IO	104-112-135	104-112-135	B31F1	(NM)
10PTXC0P	IO	104-112-035	104-112-035	B31F1	(NM)
10PTXD1N	IO	104-112-134	104-112-134	B31F2	(NM)
10PTXD1P	IO	104-112-034	104-112-034	B31F2	(NM)

ELEMENT IDENTIFIER

FP

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-452	104-104-233	B30B5	
11C16N	IO	104-104-454	104-104-454	B30F0	
11C16P	IO	104-104-554	104-104-554	B30F0	
11ID16N	IO	104-104-456	104-104-456	B30B2	
11ID16P	IO	104-104-556	104-104-556	B30B4	
11INT16P	IO	104-104-552	104-104-552	B30B7	
11OD16N	IO	104-104-455	104-104-455	B30F2	
11OD16P	IO	104-104-555	104-104-555	B30F4	
11S16N	IO	104-104-453	104-104-453	B30F5	
11S16P	IO	104-104-553	104-104-553	B30F7	

ELEMENT IDENTIFIER

FQ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-446	104-104-233	B30B5	
11C17N	IO	104-104-448	104-104-448	B30F0	
11C17P	IO	104-104-548	104-104-548	B30F0	
11ID17N	IO	104-104-450	104-104-450	B30B2	
11ID17P	IO	104-104-550	104-104-550	B30B4	
11INT17P	IO	104-104-546	104-104-546	B30B7	
11OD17N	IO	104-104-449	104-104-449	B30F2	
11OD17P	IO	104-104-549	104-104-549	B30F4	
11S17N	IO	104-104-447	104-104-447	B30F5	
11S17P	IO	104-104-547	104-104-547	B30F7	

ELEMENT IDENTIFIER

FR

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-439	104-104-233	B30B5	
11C18N	IO	104-104-441	104-104-441	B30F0	
11C18P	IO	104-104-541	104-104-541	B30F0	
11ID18N	IO	104-104-443	104-104-443	B30B2	
11ID18P	IO	104-104-543	104-104-543	B30B4	
11INT18P	IO	104-104-539	104-104-539	B30B7	
11OD18N	IO	104-104-442	104-104-442	B30F2	
11OD18P	IO	104-104-542	104-104-542	B30F4	
11S18N	IO	104-104-440	104-104-440	B30F6	
11S18P	IO	104-104-540	104-104-540	B30F7	

ELEMENT IDENTIFIER

FS

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-433	104-104-233	B30B5	
11C19N	IO	104-104-435	104-104-435	B30F0	
11C19P	IO	104-104-535	104-104-535	B30F0	
11ID19N	IO	104-104-437	104-104-437	B30B2	
11ID19P	IO	104-104-537	104-104-537	B30B4	
11INT19P	IO	104-104-533	104-104-533	B30B7	
11OD19N	IO	104-104-436	104-104-436	B30F2	
11OD19P	IO	104-104-536	104-104-536	B30F4	
11S19N	IO	104-104-434	104-104-434	B30F6	
11S19P	IO	104-104-534	104-104-534	B30F7	

ELEMENT IDENTIFIER

FT

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-420	104-104-233	B30B6	
11C20N	IO	104-104-422	104-104-422	B30F0	
11C20P	IO	104-104-522	104-104-522	B30F0	
11ID20N	IO	104-104-424	104-104-424	B30B2	
11ID20P	IO	104-104-524	104-104-524	B30B4	
11INT20P	IO	104-104-520	104-104-520	B30B7	
11OD20N	IO	104-104-423	104-104-423	B30F2	
11OD20P	IO	104-104-523	104-104-523	B30F4	
11S20N	IO	104-104-421	104-104-421	B30F6	
11S20P	IO	104-104-521	104-104-521	B30F7	

ELEMENT IDENTIFIER

FU

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-414	104-104-233	B30B6	
11C21N	IO	104-104-416	104-104-416	B30F0	
11C21P	IO	104-104-516	104-104-516	B30F0	
11ID21N	IO	104-104-418	104-104-418	B30B2	
11ID21P	IO	104-104-518	104-104-518	B30B4	
11INT21P	IO	104-104-514	104-104-514	B30B7	
11OD21N	IO	104-104-417	104-104-417	B30F2	
11OD21P	IO	104-104-517	104-104-517	B30F4	
11S21N	IO	104-104-415	104-104-415	B30F6	
11S21P	IO	104-104-515	104-104-515	B30F8	

ELEMENT IDENTIFIER

FV

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-407	104-104-233	B30B5	
11C22N	IO	104-104-409	104-104-409	B30F0	
11C22P	IO	104-104-509	104-104-509	B30F0	
11ID22N	IO	104-104-411	104-104-411	B30B2	
11ID22P	IO	104-104-511	104-104-511	B30B4	
11INT22P	IO	104-104-507	104-104-507	B30B7	
11OD22N	IO	104-104-410	104-104-410	B30F2	
11OD22P	IO	104-104-510	104-104-510	B30F4	
11S22N	IO	104-104-408	104-104-408	B30F6	
11S22P	IO	104-104-508	104-104-508	B30F8	

ELEMENT IDENTIFIER

FW

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-252	104-104-233	B30B5	
11C8N	IO	104-104-254	104-104-254	B30F0	
11C8P	IO	104-104-354	104-104-354	B30F0	
11ID8N	IO	104-104-256	104-104-256	B30B1	
11ID8P	IO	104-104-356	104-104-356	B30B3	
11INT8P	IO	104-104-352	104-104-352	B30B7	
11OD8N	IO	104-104-255	104-104-255	B30F1	
11OD8P	IO	104-104-355	104-104-355	B30F3	
11S8N	IO	104-104-253	104-104-253	B30F5	
11S8P	IO	104-104-353	104-104-353	B30F7	

ELEMENT IDENTIFIER

FX

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-246	104-104-233	B30B5	
11C9N	IO	104-104-248	104-104-248	B30F0	
11C9P	IO	104-104-348	104-104-348	B30F0	
11ID9N	IO	104-104-250	104-104-250	B30B1	
11ID9P	IO	104-104-350	104-104-350	B30B3	
11INT9P	IO	104-104-346	104-104-346	B30B7	
11OD9N	IO	104-104-249	104-104-249	B30F1	
11OD9P	IO	104-104-349	104-104-349	B30F3	
11S9N	IO	104-104-247	104-104-247	B30F5	
11S9P	IO	104-104-347	104-104-347	B30F7	

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE
C2

ISSUE
17B

AT&T

SD-5D151-01

SHEET
GB13

PRINTED IN U.S.A.

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

FY

ELEMENT IDENTIFIER

GB

ELEMENT IDENTIFIER

GE

ELEMENT IDENTIFIER

GH

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-239	104-104-233	B30B5	
11C10N	IO	104-104-241	104-104-241	B30F0	
11C10P	IO	104-104-341	104-104-341	B30F0	
11ID10N	IO	104-104-243	104-104-243	B30B1	
11ID10P	IO	104-104-343	104-104-343	B30B3	
11INT10P	IO	104-104-339	104-104-339	B30B7	
11OD10N	IO	104-104-242	104-104-242	B30F1	
11OD10P	IO	104-104-342	104-104-342	B30F3	
11S10N	IO	104-104-240	104-104-240	B30F5	
11S10P	IO	104-104-340	104-104-340	B30F7	

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-214	104-104-233	B30B5	
11C13N	IO	104-104-216	104-104-216	B30F0	
11C13P	IO	104-104-316	104-104-316	B30F0	
11ID13N	IO	104-104-218	104-104-218	B30B1	
11ID13P	IO	104-104-318	104-104-318	B30B3	
11INT13P	IO	104-104-314	104-104-314	B30B7	
11OD13N	IO	104-104-217	104-104-217	B30F2	
11OD13P	IO	104-104-317	104-104-317	B30F3	
11S13N	IO	104-104-215	104-104-215	B30F5	
11S13P	IO	104-104-315	104-104-315	B30F7	

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-052	104-104-233	B30B4	
11C0N	IO	104-104-054	104-104-054	B30F0	
11C0P	IO	104-104-154	104-104-154	B30F0	
11ID0N	IO	104-104-056	104-104-056	B30B0	
11ID0P	IO	104-104-156	104-104-156	B30B2	
11INT0P	IO	104-104-152	104-104-152	B30B6	
11OD0N	IO	104-104-055	104-104-055	B30F1	
11OD0P	IO	104-104-155	104-104-155	B30F2	
11S0N	IO	104-104-053	104-104-053	B30F4	
11S0P	IO	104-104-153	104-104-153	B30F6	

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-033	104-104-233	B30B5	
11C3N	IO	104-104-035	104-104-035	B30F0	
11C3P	IO	104-104-135	104-104-135	B30F0	
11ID3N	IO	104-104-037	104-104-037	B30B1	
11ID3P	IO	104-104-137	104-104-137	B30B2	
11INT3P	IO	104-104-133	104-104-133	B30B6	
11OD3N	IO	104-104-036	104-104-036	B30F1	
11OD3P	IO	104-104-136	104-104-136	B30F3	
11S3N	IO	104-104-034	104-104-034	B30F4	
11S3P	IO	104-104-134	104-104-134	B30F6	

ELEMENT IDENTIFIER

FZ

ELEMENT IDENTIFIER

GC

ELEMENT IDENTIFIER

GF

ELEMENT IDENTIFIER

GI

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-233	104-104-233	B30B5	
11C11N	IO	104-104-235	104-104-235	B30F0	
11C11P	IO	104-104-335	104-104-335	B30F0	
11ID11N	IO	104-104-237	104-104-237	B30B1	
11ID11P	IO	104-104-337	104-104-337	B30B3	
11INT11P	IO	104-104-333	104-104-333	B30B7	
11OD11N	IO	104-104-236	104-104-236	B30F1	
11OD11P	IO	104-104-336	104-104-336	B30F3	
11S11N	IO	104-104-234	104-104-234	B30F5	
11S11P	IO	104-104-334	104-104-334	B30F7	

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-207	104-104-233	B30B5	
11C14N	IO	104-104-209	104-104-209	B30F0	
11C14P	IO	104-104-309	104-104-309	B30F0	
11ID14N	IO	104-104-211	104-104-211	B30B2	
11ID14P	IO	104-104-311	104-104-311	B30B3	
11INT14P	IO	104-104-307	104-104-307	B30B7	
11OD14N	IO	104-104-210	104-104-210	B30F3	
11OD14P	IO	104-104-310	104-104-310	B30F2	
11S14N	IO	104-104-208	104-104-208	B30F5	
11S14P	IO	104-104-308	104-104-308	B30F7	

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-046	104-104-233	B30B4	
11C1N	IO	104-104-048	104-104-048	B30F0	
11C1P	IO	104-104-148	104-104-148	B30F0	
11ID1N	IO	104-104-050	104-104-050	B30B1	
11ID1P	IO	104-104-150	104-104-150	B30B2	
11INT1P	IO	104-104-146	104-104-146	B30B6	
11OD1N	IO	104-104-049	104-104-049	B30F1	
11OD1P	IO	104-104-149	104-104-149	B30F2	
11S1N	IO	104-104-047	104-104-047	B30F4	
11S1P	IO	104-104-147	104-104-147	B30F6	

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-020	104-104-233	B30B4	
11C4N	IO	104-104-022	104-104-022	B30F0	
11C4P	IO	104-104-122	104-104-122	B30F0	
11ID4N	IO	104-104-024	104-104-024	B30B1	
11ID4P	IO	104-104-124	104-104-124	B30B3	
11INT4P	IO	104-104-120	104-104-120	B30B6	
11OD4N	IO	104-104-023	104-104-023	B30F1	
11OD4P	IO	104-104-123	104-104-123	B30F3	
11S4N	IO	104-104-021	104-104-021	B30F4	
11S4P	IO	104-104-121	104-104-121	B30F6	

ELEMENT IDENTIFIER

GA

ELEMENT IDENTIFIER

GD

ELEMENT IDENTIFIER

GG

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-220	104-104-233	B30B5	
11C12N	IO	104-104-222	104-104-222	B30F0	
11C12P	IO	104-104-322	104-104-322	B30F0	
11ID12N	IO	104-104-224	104-104-224	B30B1	
11ID12P	IO	104-104-324	104-104-324	B30B3	
11INT12P	IO	104-104-320	104-104-320	B30B7	
11OD12N	IO	104-104-223	104-104-223	B30F2	
11OD12P	IO	104-104-323	104-104-323	B30F3	
11S12N	IO	104-104-221	104-104-221	B30F5	
11S12P	IO	104-104-321	104-104-321	B30F7	

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-201	104-104-233	B30B5	
11C15N	IO	104-104-203	104-104-203	B30F0	
11C15P	IO	104-104-303	104-104-303	B30F0	
11ID15N	IO	104-104-205	104-104-205	B30B2	
11ID15P	IO	104-104-305	104-104-305	B30B3	
11INT15P	IO	104-104-301	104-104-301	B30B7	
11OD15N	IO	104-104-204	104-104-204	B30F2	
11OD15P	IO	104-104-304	104-104-304	B30F4	
11S15N	IO	104-104-202	104-104-202	B30F5	
11S15P	IO	104-104-302	104-104-302	B30F7	

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-039	104-104-233	B30B4	
11C2N	IO	104-104-041	104-104-041	B30F0	
11C2P	IO	104-104-141	104-104-141	B30F0	
11ID2N	IO	104-104-043	104-104-043	B30B1	
11ID2P	IO	104-104-143	104-104-143	B30B2	
11INT2P	IO	104-104-139	104-104-139	B30B6	
11OD2N	IO	104-104-042	104-104-042	B30F1	
11OD2P	IO	104-104-142	104-104-142	B30F3	
11S2N	IO	104-104-040	104-104-040	B30F4	
11S2P	IO	104-104-140	104-104-140	B30F6	

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE

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UNIT SYMBOL

ELEMENT IDENTIFIER

GJ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-014	104-104-233	B30B4	
11C5N	IO	104-104-016	104-104-016	B30F0	
11C5P	IO	104-104-116	104-104-116	B30F0	
11ID5N	IO	104-104-018	104-104-018	B30B1	
11ID5P	IO	104-104-118	104-104-118	B30B3	
11INT5P	IO	104-104-114	104-104-114	B30B6	
11OD5N	IO	104-104-017	104-104-017	B30F1	
11OD5P	IO	104-104-117	104-104-117	B30F3	
11S5N	IO	104-104-015	104-104-015	B30F5	
11S5P	IO	104-104-115	104-104-115	B30F6	

ELEMENT IDENTIFIER

GK

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-007	104-104-233	B30B5	
11C6N	IO	104-104-009	104-104-009	B30F0	
11C6P	IO	104-104-109	104-104-109	B30F0	
11ID6N	IO	104-104-011	104-104-011	B30B1	
11ID6P	IO	104-104-111	104-104-111	B30B3	
11INT6P	IO	104-104-107	104-104-107	B30F6	
11OD6N	IO	104-104-010	104-104-010	B30F1	
11OD6P	IO	104-104-110	104-104-110	B30F3	
11S6N	IO	104-104-008	104-104-008	B30F5	
11S6P	IO	104-104-108	104-104-108	B30F6	

ELEMENT IDENTIFIER

GL

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-104-001	104-104-233	B30F0	
11C7N	IO	104-104-003	104-104-003	B30F0	
11C7P	IO	104-104-103	104-104-103	B30F0	
11ID7N	IO	104-104-005	104-104-005	B30B1	
11ID7P	IO	104-104-105	104-104-105	B30B3	
11INT7P	IO	104-104-101	104-104-101	B30B6	
11OD7N	IO	104-104-004	104-104-004	B30F1	
11OD7P	IO	104-104-104	104-104-104	B30F3	
11S7N	IO	104-104-002	104-104-002	B30F5	
11S7P	IO	104-104-102	104-104-102	B30F6	

ELEMENT IDENTIFIER

GM

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-452	104-096-452	B29B5	
10C16N	IO	104-096-454	104-096-454	B29F0	
10C16P	IO	104-096-554	104-096-554	B29F0	
10ID16N	IO	104-096-456	104-096-456	B29B2	
10ID16P	IO	104-096-556	104-096-556	B29B3	
10INT16P	IO	104-096-552	104-096-552	B29B7	
10OD16N	IO	104-096-455	104-096-455	B29F2	
10OD16P	IO	104-096-555	104-096-555	B29F4	
10S16N	IO	104-096-453	104-096-453	B29F5	
10S16P	IO	104-096-553	104-096-553	B29F7	

ELEMENT IDENTIFIER

GN

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-446	104-096-452	B29B5	
10C17N	IO	104-096-448	104-096-448	B29F0	
10C17P	IO	104-096-548	104-096-548	B29F0	
10ID17N	IO	104-096-450	104-096-450	B29B2	
10ID17P	IO	104-096-550	104-096-550	B29B4	
10INT17P	IO	104-096-546	104-096-546	B29B7	
10OD17N	IO	104-096-449	104-096-449	B29F2	
10OD17P	IO	104-096-549	104-096-549	B29F4	
10S17N	IO	104-096-447	104-096-447	B29F5	
10S17P	IO	104-096-547	104-096-547	B29F7	

ELEMENT IDENTIFIER

GO

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-439	104-096-452	B29B5	
10C18N	IO	104-096-441	104-096-441	B29F0	
10C18P	IO	104-096-541	104-096-541	B29F0	
10ID18N	IO	104-096-443	104-096-443	B29B2	
10ID18P	IO	104-096-543	104-096-543	B29B4	
10INT18P	IO	104-096-539	104-096-539	B29B7	
10OD18N	IO	104-096-442	104-096-442	B29F2	
10OD18P	IO	104-096-542	104-096-542	B29F4	
10S18N	IO	104-096-440	104-096-440	B29F6	
10S18P	IO	104-096-540	104-096-540	B29F7	

ELEMENT IDENTIFIER

GP

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-433	104-096-452	B29B5	
10C19N	IO	104-096-435	104-096-435	B29F0	
10C19P	IO	104-096-535	104-096-535	B29F0	
10ID19N	IO	104-096-437	104-096-437	B29B2	
10ID19P	IO	104-096-537	104-096-537	B29B4	
10INT19P	IO	104-096-533	104-096-533	B29B7	
10OD19N	IO	104-096-436	104-096-436	B29F2	
10OD19P	IO	104-096-536	104-096-536	B29F4	
10S19N	IO	104-096-434	104-096-434	B29F6	
10S19P	IO	104-096-534	104-096-534	B29F7	

ELEMENT IDENTIFIER

GQ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-420	104-096-452	B29B6	
10C20N	IO	104-096-422	104-096-422	B29F0	
10C20P	IO	104-096-522	104-096-522	B29F0	
10ID20N	IO	104-096-424	104-096-424	B29B2	
10ID20P	IO	104-096-524	104-096-524	B29B4	
10INT20P	IO	104-096-520	104-096-520	B29B7	
10OD20N	IO	104-096-423	104-096-423	B29F2	
10OD20P	IO	104-096-523	104-096-523	B29F4	
10S20N	IO	104-096-421	104-096-421	B29F6	
10S20P	IO	104-096-521	104-096-521	B29F7	

ELEMENT IDENTIFIER

GR

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-414	104-096-452	B29B6	
10C21N	IO	104-096-416	104-096-416	B29F0	
10C21P	IO	104-096-516	104-096-516	B29F0	
10ID21N	IO	104-096-418	104-096-418	B29B2	
10ID21P	IO	104-096-518	104-096-518	B29B4	
10INT21P	IO	104-096-514	104-096-514	B29B7	
10OD21N	IO	104-096-417	104-096-417	B29F2	
10OD21P	IO	104-096-517	104-096-517	B29F4	
10S21N	IO	104-096-415	104-096-415	B29F6	
10S21P	IO	104-096-515	104-096-515	B29F8	

ELEMENT IDENTIFIER

GS

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-407	104-096-452	B29B5	
10C22N	IO	104-096-409	104-096-409	B29F0	
10C22P	IO	104-096-509	104-096-509	B29F0	
10ID22N	IO	104-096-411	104-096-411	B29B2	
10ID22P	IO	104-096-511	104-096-511	B29B4	
10INT22P	IO	104-096-507	104-096-507	B29B7	
10OD22N	IO	104-096-410	104-096-410	B29F2	
10OD22P	IO	104-096-510	104-096-510	B29F4	
10S22N	IO	104-096-408	104-096-408	B29F6	
10S22P	IO	104-096-508	104-096-508	B29F8	

ELEMENT IDENTIFIER

GT

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-252	104-096-452	B29B5	
10C8N	IO	104-096-254	104-096-254	B29F0	
10C8P	IO	104-096-354	104-096-354	B29F0	
10ID8N	IO	104-096-256	104-096-256	B29B1	
10ID8P	IO	104-096-356	104-096-356	B29B3	
10INT8P	IO	104-096-352	104-096-352	B29B7	
10OD8N	IO	104-096-255	104-096-255	B29F1	
10OD8P	IO	104-096-355	104-096-355	B29F3	
10S8N	IO	104-096-253	104-096-253	B29F5	
10S8P	IO	104-096-353	104-096-353	B29F7	

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

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ELEMENT IDENTIFIER

GU

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-246	104-096-452	B29B5	
10C9N	IO	104-096-248	104-096-248	B29F0	
10C9P	IO	104-096-348	104-096-348	B29F0	
10ID9N	IO	104-096-250	104-096-250	B29B1	
10ID9P	IO	104-096-350	104-096-350	B29B3	
10INT9P	IO	104-096-346	104-096-346	B29B7	
10OD9N	IO	104-096-249	104-096-249	B29F1	
10OD9P	IO	104-096-349	104-096-349	B29F3	
10S9N	IO	104-096-247	104-096-247	B29F5	
10S9P	IO	104-096-347	104-096-347	B29F7	

ELEMENT IDENTIFIER

GV

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-239	104-096-452	B29B5	
10C10N	IO	104-096-241	104-096-241	B29F0	
10C10P	IO	104-096-341	104-096-341	B29F0	
10ID10N	IO	104-096-243	104-096-243	B29B1	
10ID10P	IO	104-096-343	104-096-343	B29B3	
10INT10P	IO	104-096-339	104-096-339	B29B7	
10OD10N	IO	104-096-242	104-096-242	B29F1	
10OD10P	IO	104-096-342	104-096-342	B29F3	
10S10N	IO	104-096-240	104-096-240	B29F5	
10S10P	IO	104-096-340	104-096-340	B29F7	

ELEMENT IDENTIFIER

GW

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-233	104-096-452	B29B5	
10C11N	IO	104-096-235	104-096-235	B29F0	
10C11P	IO	104-096-335	104-096-335	B29F0	
10ID11N	IO	104-096-237	104-096-237	B29B1	
10ID11P	IO	104-096-337	104-096-337	B29B3	
10INT11P	IO	104-096-333	104-096-333	B29B7	
10OD11N	IO	104-096-236	104-096-236	B29F1	
10OD11P	IO	104-096-336	104-096-336	B29F3	
10S11N	IO	104-096-234	104-096-234	B29F5	
10S11P	IO	104-096-334	104-096-334	B29F7	

ELEMENT IDENTIFIER

GX

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-220	104-096-452	B29B5	
10C12N	IO	104-096-222	104-096-222	B29F0	
10C12P	IO	104-096-322	104-096-322	B29F0	
10ID12N	IO	104-096-224	104-096-224	B29B1	
10ID12P	IO	104-096-324	104-096-324	B29B3	
10INT12P	IO	104-096-320	104-096-320	B29B7	
10OD12N	IO	104-096-223	104-096-223	B29F2	
10OD12P	IO	104-096-323	104-096-323	B29F3	
10S12N	IO	104-096-221	104-096-221	B29F5	
10S12P	IO	104-096-321	104-096-321	B29F7	

ELEMENT IDENTIFIER

GZ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-214	104-096-452	B29B5	
10C13N	IO	104-096-216	004-096-216	B29F0	
10C13P	IO	104-096-316	004-096-316	B29F0	
10ID13N	IO	104-096-218	004-096-218	B29B1	
10ID13P	IO	104-096-318	004-096-318	B29B3	
10INT13P	IO	104-096-314	004-096-314	B29B7	
10OD13N	IO	104-096-217	004-096-217	B29F2	
10OD13P	IO	104-096-317	004-096-317	B29F3	
10S13N	IO	104-096-215	004-096-215	B29F5	
10S13P	IO	104-096-315	004-096-315	B29F7	

ELEMENT IDENTIFIER

GA

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-207	104-096-452	B29B5	
10C14N	IO	104-096-209	104-096-209	B29F0	
10C14P	IO	104-096-309	104-096-309	B29F0	
10ID14N	IO	104-096-211	104-096-211	B29B2	
10ID14P	IO	104-096-311	104-096-311	B29B3	
10INT14P	IO	104-096-307	104-096-307	B29B7	
10OD14N	IO	104-096-210	104-096-210	B29F3	
10OD14P	IO	104-096-310	104-096-310	B29F2	
10S14N	IO	104-096-208	104-096-208	B29F5	
10S14P	IO	104-096-308	104-096-308	B29F7	

ELEMENT IDENTIFIER

HA

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-201	104-096-452	B29B5	
10C15N	IO	104-096-203	104-096-203	B29F0	
10C15P	IO	104-096-303	104-096-303	B29F0	
10ID15N	IO	104-096-205	104-096-205	B29B2	
10ID15P	IO	104-096-305	104-096-305	B29B3	
10INT15P	IO	104-096-301	104-096-301	B29B7	
10OD15N	IO	104-096-204	104-096-204	B29F2	
10OD15P	IO	104-096-304	104-096-304	B29F4	
10S15N	IO	104-096-202	104-096-202	B29F5	
10S15P	IO	104-096-302	104-096-302	B29F7	

ELEMENT IDENTIFIER

HB

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-039	104-096-452	B29B4	
10C2N	IO	104-096-041	104-096-041	B29F0	
10C2P	IO	104-096-141	104-096-141	B29F0	
10ID2N	IO	104-096-043	104-096-043	B29B1	
10ID2P	IO	104-096-143	104-096-143	B29B2	
10INT2P	IO	104-096-139	104-096-139	B29B6	
10OD2N	IO	104-096-042	104-096-042	B29F1	
10OD2P	IO	104-096-142	104-096-142	B29F3	
10S2N	IO	104-096-040	104-096-040	B29F4	
10S2P	IO	104-096-140	104-096-140	B29F6	

ELEMENT IDENTIFIER

HC

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-033	104-096-452	B29B5	
10C3N	IO	104-096-035	104-096-035	B29F0	
10C3P	IO	104-096-135	104-096-135	B29F0	
10ID3N	IO	104-096-037	104-096-037	B29B1	
10ID3P	IO	104-096-137	104-096-137	B29B2	
10INT3P	IO	104-096-133	104-096-133	B29B6	
10OD3N	IO	104-096-036	104-096-036	B29F1	
10OD3P	IO	104-096-136	104-096-136	B29F3	
10S3N	IO	104-096-034	104-096-034	B29F4	
10S3P	IO	104-096-134	104-096-134	B29F6	

ELEMENT IDENTIFIER

HD

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-020	104-096-452	B29B4	
10C4N	IO	104-096-022	104-096-022	B29F0	
10C4P	IO	104-096-122	104-096-122	B29F0	
10ID4N	IO	104-096-024	104-096-024	B29B1	
10ID4P	IO	104-096-124	104-096-124	B29B3	
10INT4P	IO	104-096-120	104-096-120	B29B6	
10OD4N	IO	104-096-023	104-096-023	B29F1	
10OD4P	IO	104-096-123	104-096-123	B29F3	
10S4N	IO	104-096-021	104-096-021	B29F4	
10S4P	IO	104-096-121	104-096-121	B29F6	

ELEMENT IDENTIFIER

HE

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-014	104-096-452	B29B4	
10C5N	IO	104-096-016	104-096-016	B29F0	
10C5P	IO	104-096-116	104-096-116	B29F0	
10ID5N	IO	104-096-018	104-096-018	B29B1	
10ID5P	IO	104-096-118	104-096-118	B29B3	
10INT5P	IO	104-096-114	104-096-114	B29B6	
10OD5N	IO	104-096-017	104-096-017	B29F1	
10OD5P	IO	104-096-117	104-096-117	B29F3	
10S5N	IO	104-096-015	104-096-015	B29F5	
10S5P	IO	104-096-115	104-096-115	B29F6	

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MODULE CONTROLLER AND TIME SLOT
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DWG SIZE

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UNIT SYMBOL

ELEMENT IDENTIFIER

HF

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-007	104-096-446	B29B5	
10C6N	IO	104-096-009	104-096-009	B29F0	
10C6P	IO	104-096-109	104-096-109	B29F0	
10ID6N	IO	104-096-011	104-096-011	B29B1	
10ID6P	IO	104-096-111	104-096-111	B29B3	
10INT6P	IO	104-096-107	104-096-107	B29F6	
10OD6N	IO	104-096-010	104-096-010	B29F1	
10OD6P	IO	104-096-110	104-096-110	B29F3	
10S6N	IO	104-096-008	104-096-008	B29F5	
10S6P	IO	104-096-108	104-096-108	B29F6	

ELEMENT IDENTIFIER

HG

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-096-001	104-096-446	B29B5	
10C7N	IO	104-096-003	104-096-003	B29F0	
10C7P	IO	104-096-103	104-096-103	B29F0	
10ID7N	IO	104-096-005	104-096-005	B29B1	
10ID7P	IO	104-096-105	104-096-105	B29B3	
10INT7P	IO	104-096-101	104-096-101	B29B6	
10OD7N	IO	104-096-004	104-096-004	B29F1	
10OD7P	IO	104-096-104	104-096-104	B29F3	
10S7N	IO	104-096-002	104-096-002	B29F5	
10S7P	IO	104-096-102	104-096-102	B29F6	

ELEMENT IDENTIFIER

HH

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1CTSLT1	IO	104-033-021	104-033-021	B22F7	
1FANO	IO	104-032-023	104-032-023	B22B4	
1GRD	G	104-032-021	104-032-032	B40D4	
1GRD	G	104-032-024	104-032-024	B22F9	(2A, 5J)
1SANLTG	IO	104-033-023	104-033-023	B22F8	
1SANLTR	IO	104-033-022	104-033-022	B22B6	

ELEMENT IDENTIFIER

HI

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1ALM	IO	104-033-004	104-033-004	B22F0	
1TSTA	IO	104-033-005	104-033-005	B22F9	
1TSTB	IO	104-032-005	104-032-005	B22F9	
1ZIN	IO	104-032-004	104-032-004	B22B6	

ELEMENT IDENTIFIER

HJ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1FANRST	IO	104-033-000	104-033-000	B22F7	
1FANSC	IO	104-033-001	104-033-001	B22B4	
1GRD	G	104-032-002	104-032-032	B40D4	

ELEMENT IDENTIFIER

HK

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0ARCV	IO	007-156R-353	004-156-353	B16G4	(P)

ELEMENT IDENTIFIER

HL

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0AXMIT	IO	005-156R-340	004-156-340	B16G5	(P)

ELEMENT IDENTIFIER

HM

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0BXMIT	IO	003-156R-321	004-156-321	B16G5	(P)

ELEMENT IDENTIFIER

HN

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0BRCV	IO	001-156R-308	004-156-308	B16G4	(P)

ELEMENT IDENTIFIER

HO

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1ARCV	IO	107-156R-353	104-156-353	B37G4	(P)

ELEMENT IDENTIFIER

HP

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1AXMIT	IO	105-156R-340	104-156-340	B37G4	(P)

ELEMENT IDENTIFIER

HQ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1BXMIT	IO	103-156R-321	104-156-321	B37G5	(P)

ELEMENT IDENTIFIER

HR

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1BRCV	IO	101-156R-308	104-156-308	B37G5	(P)

ELEMENT IDENTIFIER

HS

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0ARCV	IO	006-156R-353	004-156-353	B16G4	(N)
0AXMIT	IO	006-156R-340	004-156-340	B16G5	(N)

ELEMENT IDENTIFIER

HT

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0BRCV	IO	002-156R-308	004-156-308	B16G5	(N)
0BXMIT	IO	002-156R-321	004-156-321	B16G5	(N)

ELEMENT IDENTIFIER

HU

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1ARCV	IO	106-156R-353	104-156-353	B16G4	(N)
1AXMIT	IO	106-156R-340	104-156-340	B16G4	(N)

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE

C2

ISSUE

17B

AT&T

SD-5D151-01

SHEET

GB17

PRINTED IN U.S.A.

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

HV

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1BRCV	IO	102-156R-308	104-156-308	B37G5	(N)
1BXMIT	IO	102-156R-321	104-156-321	B37G5	(N)

ELEMENT IDENTIFIER

HW

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0ARCV	IO	006-156R-FO	004-156-353	B16G4	(J)
0AXMIT	IO	006-156R-FO	004-156-340	B16G5	(J)

ELEMENT IDENTIFIER

HX

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0BRCV	IO	002-156R-FO	004-156-308	B37G5	(J)
0BXMIT	IO	002-156R-FO	004-156-321	B37G5	(J)

ELEMENT IDENTIFIER

HY

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1ARCV	IO	106-156R-FO	104-156-353	B37G4	(J)
1AXMIT	IO	106-156R-FO	104-156-340	B37G4	(J)

ELEMENT IDENTIFIER

HZ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1BRCV	IO	102-156R-FO	104-156-308	B37G5	(J)
1BXMIT	IO	102-156R-FO	104-156-321	B37G5	(J)

ELEMENT IDENTIFIER

JA

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0ARCV	IO	004-156-353	004-156-353	B16G4	
0AXMIT	IO	004-156-340	004-156-340	B16G5	
0FXREF	I	004-156-250	004-156-250	B16B5	
0XAINFR	IO	004-156-232	004-156-232	B16G5	
0X8KRFA	IO	004-156-254	004-156-254	B16G5	

ELEMENT IDENTIFIER

JB

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0BRCV	IO	004-156-308	004-156-308	B37G5	
0BXMIT	IO	004-156-321	004-156-321	B37G5	
0GRD	G	004-156-300	004-156-300	B14G7	
0XBINFR	IO	004-156-322	004-156-322	B14B3	
0X8KRFB	IO	004-156-306	004-156-306	B14B2	

ELEMENT IDENTIFIER

JC

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0LIN24	IO	004-120-303	004-120-303	B18C8	
0LIN30	IO	004-120-309	004-120-309	B18C8	
0LIP24	IO	004-120-302	004-120-302	B18C8	
0LIP30	IO	004-120-308	004-120-308	B18C8	
0RRCV	IO	004-120-307	004-120-307	B18C8	
0RXMIT	IO	004-120-304	004-120-304	B18C8	
0TRCV	IO	004-120-306	004-120-306	B18C8	
0TXMIT	IO	004-120-305	004-120-305	B18C8	

ELEMENT IDENTIFIER

JD

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRD	G	004-120-233	004-120-233	B20F1	
0MAT8KIN	I	004-120-234	004-120-234	B18C8	
0MAT8KOT	O	004-120-235	004-120-235	B18C8	
0MNOCKIN	I	004-120-236	004-120-236	B18C8	
0MNOCKOT	O	004-120-237	004-120-237	B18C8	

ELEMENT IDENTIFIER

JE

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0FXREF	O	004-120-204	004-120-204	B14B3	319
0GRD	G	004-120-207	004-120-207	B20F1	
0XAINER	O	004-120-205	004-120-205	B18D8	
0XBINER	O	004-120-206	004-120-206	B18D8	
0X8KREF0	O	004-120-202	004-120-202	B18D8	
0X8KREF1	O	004-120-203	004-120-203	B18D8	

ELEMENT IDENTIFIER

JF

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
-48RTN	G	004-120-055	004-120-055	B20B4	
-48RTN	G	004-120-155	004-120-155	B20B4	
-48V	P	004-120-056	004-120-056	B20B3	
-48V	P	004-120-156	004-120-156	B20B3	

ELEMENT IDENTIFIER

JG

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
+5V	P	004-050-546	004-055-046	B17B3	
0CLSN+	I	004-050-556	004-055-056	B17F3	
0CLSN-	I	004-050-555	004-055-055	B17F3	
0E1BGRD	G	004-050-437	004-054-037	B19B4	
0E1BGRD	G	004-050-439	004-054-039	B19B4	
0E1BGRD	G	004-050-441	004-054-041	B19B4	

ELEMENT IDENTIFIER

JG
(CONT)

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0E1BGRD	G	004-050-443	004-054-043	B19B5	
0E1BGRD	G	004-050-433	004-054-033	B19B5	
0E1BGRD	G	004-050-435	004-054-035	B19B5	
0RCV+	I	004-050-552	004-055-052	B17B3	
0RCV-	I	004-050-551	004-055-051	B17B3	
0TMT+	O	004-050-554	004-055-054	B17F3	
0TMT-	O	004-050-553	004-055-053	B17F3	

ELEMENT IDENTIFIER

JH

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0CP18K	I	004-050-523	004-055-023	B19B5	
0SMRESET	O	004-050-422	004-054-022	B19A5	
0XTRAI NT	IO	004-050-521	004-055-021	B2B8	
00CPIDAT	O	004-050-423	004-054-023	B19B5	
01CPIDAT	O	004-050-522	004-055-022	B19B5	

ELEMENT IDENTIFIER

JJ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0EADDR0	IO	004-050-504	004-055-004	B17F1	
0EADDR1	IO	004-050-503	004-055-003	B17F1	
0EADDR2	IO	004-050-502	004-055-002	B17F1	
0EADDR3	IO	004-050-501	004-055-001	B17F1	
0EADDR4	IO	004-050-506	004-055-006	B17F1	
0ADSELGD	G	004-050-500	004-055-000	B19B5	

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE
C2

ISSUE
17B

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SD-5D151-01

SHEET
GB18

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CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

JK

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
0CTSA	O	004-050-154	004-050-154	B4G1	
0DTRA	I	004-050-151	004-050-151	B4G1	
0DSRA	I	004-050-152	004-050-152	B4G1	
0GRD	G	004-050-052	004-050-052	B4G3	
0RCVDA	I	004-050-054	004-050-054	B4G1	
0RTSA	O	004-050-153	004-050-153	B4G1	
0TMTITA	O	004-050-053	004-050-053	B4G1	

ELEMENT IDENTIFIER

JP

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
000LICK8	IO	004-026-040	004-026-040	B1B3	
000ACPI	IO	004-026-043	004-026-043	B1B3	

ELEMENT IDENTIFIER

JR

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
1ARCV	IO	104-156-353	104-156-353	B35B3	
1AXMIT	IO	104-156-340	104-156-340	B35G2	
1FXREF	I	104-156-250	104-156-250	B35B3	
1XAINFR	IO	104-156-232	104-156-232	B35B3	
1X8KRFA	IO	104-156-254	104-156-254	B35B3	

ELEMENT IDENTIFIER

JS

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
1BRCV	IO	104-156-308	104-156-308	B35B3	
1BXMIT	IO	104-156-321	104-156-321	B35G2	
1GRD	G	104-156-300	104-156-300	B35G7	
1XBINFR	IO	104-156-322	104-156-322	B35B3	
1X8KRFB	IO	104-156-306	104-156-306	B35B2	

ELEMENT IDENTIFIER

JT

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
1LIN24	IO	104-120-303	104-120-303	B39C4	
1LIN30	IO	104-120-309	104-120-309	B39C4	
1LIP24	IO	104-120-302	104-120-302	B39C4	
1LIP30	IO	104-120-308	104-120-308	B39C4	
1RRCV	IO	104-120-307	104-120-307	B39C4	
1RXMIT	IO	104-120-304	104-120-304	B39C4	
1TRCV	IO	104-120-306	104-120-306	B39C4	
1TXMIT	IO	104-120-305	104-120-305	B39C4	

ELEMENT IDENTIFIER

JU

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
1GRD	G	104-120-233	104-120-233	B39D4	
1MAT8KIN	I	104-120-234	104-120-234	B39D4	
1MAT8KOT	O	104-120-235	104-120-235	B39D4	
1MNOCKIN	I	104-120-236	104-120-236	B39D4	
1MNOCKOT	O	104-120-237	104-120-237	B39D4	

ELEMENT IDENTIFIER

JW

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
1FXREF	O	104-120-204	104-120-204	B35B3	319
1GRD	G	104-120-207	104-120-207	B41F1	
1XAINER	O	104-120-205	104-120-205	B39D4	
1XBINER	O	104-120-206	104-120-206	B39D4	
1X8KREF0	O	104-120-202	104-120-202	B39D4	
1X8KREF1	O	104-120-203	104-120-203	B39D4	

ELEMENT IDENTIFIER

JY

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
-48RTN	G	104-120-055	104-120-055	B41C5	
-48RTN	G	104-120-155	104-120-155	B41C5	
-48V	P	104-120-056	104-120-056	B41C3	
-48V	P	104-120-156	104-120-156	B41C3	

ELEMENT IDENTIFIER

KA

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
+5V	P	104-050-546	104-055-046	B38B2	
1GLSN+	I	104-050-556	104-055-056	B38F2	
1GLSN-	I	104-050-555	104-055-055	B38F2	
1E±BGRD	G	104-050-437	104-054-037	B40B5	
1E±BGRD	G	104-050-439	104-054-039	B40B5	
1E±BGRD	G	104-050-441	104-054-041	B40B5	

ELEMENT IDENTIFIER

KA
(CONT)

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
1E±BGRD	G	104-050-443	104-054-043	B40B5	
1E±BGRD	G	104-050-438	104-054-038	B40B5	
1E±BGRD	G	104-050-435	104-054-035	B40B5	
1RCV+	I	104-050-552	104-055-052	B38B2	
1RCV-	I	104-050-551	104-055-051	B38B2	
1TMT+	O	104-050-554	104-055-054	B38F2	
1TMT-	O	104-050-553	104-055-053	B38F2	

ELEMENT IDENTIFIER

KB

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
1CPI8K	I	104-050-523	104-055-023	B40C5	
1SMRESET	O	104-050-422	104-054-022	B40B5	
1XTRAINT	IO	104-050-521	104-055-021	B23B8	
10CPIDAT	O	104-050-423	104-054-023	B40C5	
11CPIDAT	O	104-050-522	104-055-022	B40B5	

ELEMENT IDENTIFIER

KC

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
1EADDR0	IO	104-050-504	104-055-004	B38F1	
1EADDR1	IO	104-050-503	104-055-003	B38F1	
1EADDR2	IO	104-050-502	104-055-002	B38F1	
1EADDR3	IO	104-050-501	104-055-001	B38F1	
1EADDR4	IO	104-050-506	104-055-006	B38F1	
1ADSELGD	G	104-050-500	104-055-000	B40B5	

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE

C2

ISSUE

17B

AT&T

SD-5D151-01

SHEET

GB19

PRINTED IN U.S.A.

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

KD

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1CTSA	O	104-050-154	104-050-154	B25G1	
1DTRA	I	104-050-151	104-050-151	B25G1	
1DSRA	I	104-050-152	104-050-152	B25G1	
1GRD	G	104-050-052	104-050-052	B25G3	
1RCVDA	I	104-050-054	104-050-054	B25G1	
1RTSA	O	104-050-153	104-050-153	B25G1	
1TMTITA	O	104-050-053	104-050-053	B25G1	

ELEMENT IDENTIFIER

KH

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
110ACPI	IO	104-026-043	104-026-043	B22B3	

ELEMENT IDENTIFIER

KJ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0FUTUR1	I	004-034R-541	004-034R-541	B2F9	322
0GRD	G	004-034R-439	004-034R-439	B2F9	322

ELEMENT IDENTIFIER

KM

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
03PDATAP	IO	004-112-015	004-112-015	B10F8	(YM)
03PTXC0P	O	004-112-016	004-112-016	B10F5	(YM)
03PCTS0P	I	004-112-017	004-112-017	B10B6	(YM)
03PRTS0P	O	004-112-018	004-112-018	B10F4	(YM)
03PRXD0P	I	004-112-019	004-112-019	B10B5	(YM)
03PRXC1P	I	004-112-021	004-112-021	B10F3	(YM)
03PDATAN	IO	004-112-115	004-112-115	B10F8	(YM)
03PTXC0N	O	004-112-116	004-112-116	B10F5	(YM)
03PCTS0N	I	004-112-117	004-112-117	B10B6	(YM)
03PRTS0N	O	004-112-118	004-112-118	B10F4	(YM)
03PRXD0N	I	004-112-119	004-112-119	B10B5	(YM)
03PRXC1N	I	004-112-121	004-112-121	B10F3	(YM)

ELEMENT IDENTIFIER

KO

(CONT)

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
13PDATAN	IO	104-112-115	104-112-115	B31F8	(YM)
13PTXC0N	O	104-112-116	104-112-116	B31F5	(YM)
13PCTS0N	I	104-112-117	104-112-117	B31B6	(YM)
13PRTS0N	O	104-112-118	104-112-118	B31F4	(YM)
13PRXD0N	I	104-112-119	104-112-119	B31B5	(YM)
13PRXC1N	I	104-112-121	104-112-121	B31F3	(YM)

ELEMENT IDENTIFIER

KE

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1XTRAINT	IO	104-034-352	104-034-352	B23B8	

ELEMENT IDENTIFIER

KK

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1FUTUR1	I	104-034R-541	104-034R-541	B22F9	322
1GRD	G	104-034R-439	104-034R-439	B22F9	322

ELEMENT IDENTIFIER

KN

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
12PDATAP	IO	104-112-202	104-112-202	B31F8	(YM)
12PTXC0P	O	104-112-203	104-112-203	B31F4	(YM)
12PCTS0P	I	104-112-204	104-112-204	B31B6	(YM)
12PRTS0P	O	104-112-205	104-112-205	B31F4	(YM)
12PRXD0P	I	104-112-206	104-112-206	B31B5	(YM)
12PRXC1P	I	104-112-208	104-112-208	B31B5	(YM)
12PDATAN	IO	104-112-302	104-112-302	B31F8	(YM)
12PTXC0N	O	104-112-303	104-112-303	B31F4	(YM)
12PCTS0N	I	104-112-304	104-112-304	B31B6	(YM)
12PRTS0N	O	104-112-305	104-112-305	B31F4	(YM)
12PRXD0N	I	104-112-306	104-112-306	B31B5	(YM)
12PRXC1N	I	104-112-308	104-112-308	B31B5	(YM)

ELEMENT IDENTIFIER

KP

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
02PDATAP	IO	004-112-202	004-112-202	B10F7	(YN)
02PTXC0P	O	004-112-203	004-112-203	B10F4	(YN,YO)
02PCTS0P	I	004-112-204	004-112-204	B10B6	(YN,YO)
02PRTS0P	O	004-112-205	004-112-205	B10F4	(YN,YO)
02PRXD0P	I	004-112-206	004-112-206	B10B5	(YN,YO)
02PRXC1P	I	004-112-208	004-112-208	B10B5	(YN,YO)
02PBRDAP	I	004-112-209	004-112-209	B10B7	(YO)
02PBTDBP	O	004-112-210	004-112-210	B10F7	(YO)
02PBTDAP	O	004-112-211	004-112-211	B10F5	(YO)
02PDATAN	IO	004-112-302	004-112-302	B10F7	(YN)
02PTXC0N	O	004-112-303	004-112-303	B10F4	(YN,YO)
02PCTS0N	I	004-112-304	004-112-304	B10B6	(YN,YO)
02PRTS0N	O	004-112-305	004-112-305	B10F4	(YN,YO)
02PRXD0N	I	004-112-306	004-112-306	B10B5	(YN,YO)
02PRXC1N	I	004-112-308	004-112-308	B10B5	(YN,YO)
02PBRDAN	I	004-112-309	004-112-309	B10B7	(YO)
02PBTDBN	O	004-112-310	004-112-310	B10F7	(YO)
02PBT DAN	O	004-112-311	004-112-311	B10F5	(YO)

ELEMENT IDENTIFIER

KF

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1G2RSTSP	IO	104-026-536	104-026-536	B22B5	

ELEMENT IDENTIFIER

KL

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
02PDATAP	IO	004-112-202	004-112-202	B10F8	(YM)
02PTXC0P	O	004-112-203	004-112-203	B10F4	(YM)
02PCTS0P	I	004-112-204	004-112-204	B10B6	(YM)
02PRTS0P	O	004-112-205	004-112-205	B10F4	(YM)
02PRXD0P	I	004-112-206	004-112-206	B10B5	(YM)
02PRXC1P	I	004-112-208	004-112-208	B10B5	(YM)
02PDATAN	IO	004-112-302	004-112-302	B10F8	(YM)
02PTXC0N	O	004-112-303	004-112-303	B10F4	(YM)
02PCTS0N	I	004-112-304	004-112-304	B10B6	(YM)
02PRTS0N	O	004-112-305	004-112-305	B10F4	(YM)
02PRXD0N	I	004-112-306	004-112-306	B10B5	(YM)
02PRXC1N	I	004-112-308	004-112-308	B10B5	(YM)

ELEMENT IDENTIFIER

KO

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
13PDATAP	IO	104-112-015	104-112-015	B31F8	(YM)
13PTXC0P	O	104-112-016	104-112-016	B31F5	(YM)
13PCTS0P	I	104-112-017	104-112-017	B31B6	(YM)
13PRTS0P	O	104-112-018	104-112-018	B31F4	(YM)
13PRXD0P	I	104-112-019	104-112-019	B31B5	(YM)
13PRXC1P	I	104-112-021	104-112-021	B31F3	(YM)

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE

C2

ISSUE

17B

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SD-5D151-01

SHEET

GB20

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CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

KQ

TERM.	ACCESS	FS	SHEET		
MODIFIER	FUNC	TERM.	TERM.	LOC	NOTE
03PDATAP	IO	004-112-015	004-112-015	B10F8	(YN)
03PTXC0P	O	004-112-016	004-112-016	B10F5	(YN, YO)
03PCTS0P	I	004-112-017	004-112-017	B10B6	(YN, YO)
03PRTS0P	O	004-112-018	004-112-018	B10F4	(YN, YO)
03PRXD0P	I	004-112-019	004-112-019	B10B5	(YN, YO)
03PRXC1P	I	004-112-021	004-112-021	B10F3	(YN, YO)
03PBRDAP	I	004-112-022	004-112-022	B10F7	(YO)
03PBTDBP	O	004-112-023	004-112-023	B10F7	(YO)
03PBTDAP	O	004-112-024	004-112-024	B10F6	(YO)
03PDATAN	IO	004-112-115	004-112-115	B10F8	(YN)
03PTXC0N	O	004-112-116	004-112-116	B10F5	(YN, YO)
03PCTS0N	I	004-112-117	004-112-117	B10B6	(YN, YO)
03PRTS0N	O	004-112-118	004-112-118	B10F4	(YN, YO)
03PRXD0N	I	004-112-119	004-112-119	B10B5	(YN, YO)
03PRXC1N	I	004-112-121	004-112-121	B10F3	(YN, YO)
03PBRDAN	I	004-112-122	004-112-122	B10F7	(YO)
03PBTDBN	O	004-112-123	004-112-123	B10F7	(YO)
03PBTDAN	O	004-112-124	004-112-124	B10F6	(YO)

ELEMENT IDENTIFIER

KR

TERM.	ACCESS	FS	SHEET		
MODIFIER	FUNC	TERM.	TERM.	LOC	NOTE
00PDATAP	IO	004-112-034	004-112-034	B10F3	(YN)
00PTXC0P	O	004-112-035	004-112-035	B10F2	(YN, YO)
00PCTS0P	I	004-112-036	004-112-036	B10B4	(YN, YO)
00PRTS0P	O	004-112-037	004-112-037	B10F2	(YN, YO)
00PBRDBP	I	004-112-038	004-112-038	B10B4	(YN, YO)
00PRXC1P	I	004-112-039	004-112-039	B10B1	(YN, YO)
00PRXC1P	I	004-112-040	004-112-040	B10B1	(YN, YO)
00PBRDAP	I	004-112-041	004-112-041	B10B6	(YO)
00PBTDBP	O	004-112-042	004-112-042	B10F6	(YO)
00PBTDAP	O	004-112-043	004-112-043	B10F5	(YO)
00PDATAN	IO	004-112-134	004-112-134	B10F3	(YN)
00PTXC0N	O	004-112-135	004-112-135	B10F2	(YN, YO)
00PCTS0N	I	004-112-136	004-112-136	B10B4	(YN, YO)
00PRTS0N	O	004-112-137	004-112-137	B10F2	(YN, YO)
00PBRDBN	I	004-112-138	004-112-138	B10B4	(YN, YO)
00PRXC1N	I	004-112-139	004-112-139	B10B1	(YN, YO)
00PRXC1N	I	004-112-140	004-112-140	B10B1	(YN, YO)
00PBRDAN	I	004-112-141	004-112-141	B10B6	(YO)
00PBTDBN	O	004-112-142	004-112-142	B10F6	(YO)
00PBTDAN	O	004-112-143	004-112-143	B10F5	(YO)

ELEMENT IDENTIFIER

KS

TERM.	ACCESS	FS	SHEET		
MODIFIER	FUNC	TERM.	TERM.	LOC	NOTE
01PDATAP	IO	004-112-047	004-112-047	B10F3	(YN)
01PTXC0P	O	004-112-048	004-112-048	B10F1	(YN, YO)
01PCTS0P	I	004-112-049	004-112-049	B10B3	(YN, YO)
01PRTS0P	O	004-112-050	004-112-050	B10F1	(YN, YO)
01PBRDBP	I	004-112-051	004-112-051	B10B2	(YN, YO)
01PRXC1P	I	004-112-052	004-112-052	B10B0	(YN, YO)
01PRXC1P	I	004-112-053	004-112-053	B10B0	(YN, YO)
01PBRDAP	I	004-112-054	004-112-054	B10B7	(YO)
01PBTDBP	O	004-112-055	004-112-055	B10F7	(YO)
01PBTDAP	O	004-112-056	004-112-056	B10F5	(YO)
01PDATAN	IO	004-112-147	004-112-147	B10F3	(YN)
01PTXC0N	O	004-112-148	004-112-148	B10F1	(YN, YO)
01PCTS0N	I	004-112-149	004-112-149	B10B2	(YN, YO)
01PRTS0N	O	004-112-150	004-112-150	B10F1	(YN, YO)
01PBRDBN	I	004-112-151	004-112-151	B10B2	(YN, YO)
01PRXC1N	I	004-112-152	004-112-152	B10B0	(YN, YO)
01PRXC1N	I	004-112-153	004-112-153	B10B0	(YN, YO)
01PBRDAN	I	004-112-154	004-112-154	B10B7	(YO)
01PBTDBN	O	004-112-155	004-112-155	B10F6	(YO)
01PBTDAN	O	004-112-156	004-112-156	B10F5	(YO)

ELEMENT IDENTIFIER

KT

TERM.	ACCESS	FS	SHEET		
MODIFIER	FUNC	TERM.	TERM.	LOC	NOTE
12PDATAP	IO	104-112-202	104-112-202	B31F7	(YN)
12PTXC0P	O	104-112-203	104-112-203	B31F4	(YN, YO)
12PCTS0P	I	104-112-204	104-112-204	B31B6	(YN, YO)
12PRTS0P	O	104-112-205	104-112-205	B31F4	(YN, YO)
12PRXD0P	I	104-112-206	104-112-206	B31B5	(YN, YO)
12PRXC1P	I	104-112-208	104-112-208	B31B5	(YN, YO)
12PBRDAP	I	104-112-209	104-112-209	B31B7	(YO)
12PBTDBP	O	104-112-210	104-112-210	B31F7	(YO)
12PBTDAP	O	104-112-211	104-112-211	B31F5	(YO)
12PDATAN	IO	104-112-302	104-112-302	B31F7	(YN)
12PTXC0N	O	104-112-303	104-112-303	B31F4	(YN, YO)
12PCTS0N	I	104-112-304	104-112-304	B31B6	(YN, YO)
12PRTS0N	O	104-112-305	104-112-305	B31F4	(YN, YO)
12PRXD0N	I	104-112-306	104-112-306	B31B5	(YN, YO)
12PRXC1N	I	104-112-308	104-112-308	B31B5	(YN, YO)
12PBRDAN	I	104-112-309	104-112-309	B31B7	(YO)
12PBTDBN	O	104-112-310	104-112-310	B31F7	(YO)
12PBTDAN	O	104-112-311	104-112-311	B31F5	(YO)

ELEMENT IDENTIFIER

KU

TERM.	ACCESS	FS	SHEET		
MODIFIER	FUNC	TERM.	TERM.	LOC	NOTE
13PDATAP	IO	104-112-015	104-112-015	B31F8	(YN)
13PTXC0P	O	104-112-016	104-112-016	B31F5	(YN, YO)
13PCTS0P	I	104-112-017	104-112-017	B31B6	(YN, YO)
13PRTS0P	O	104-112-018	104-112-018	B31F4	(YN, YO)
13PRXD0P	I	104-112-019	104-112-019	B31B5	(YN, YO)
13PRXC1P	I	104-112-021	104-112-021	B31F3	(YN, YO)
13PBRDAP	I	104-112-022	104-112-022	B31F7	(YO)
13PBTDBP	O	104-112-023	104-112-023	B31F7	(YO)
13PBTDAP	O	104-112-024	104-112-024	B31F6	(YO)
13PDATAN	IO	104-112-115	104-112-115	B31F8	(YN)
13PTXC0N	O	104-112-116	104-112-116	B31F5	(YN, YO)
13PCTS0N	I	104-112-117	104-112-117	B31B6	(YN, YO)
13PRTS0N	O	104-112-118	104-112-118	B31F4	(YN, YO)
13PRXD0N	I	104-112-119	104-112-119	B31B5	(YN, YO)
13PRXC1N	I	104-112-121	104-112-121	B31F3	(YN, YO)
13PBRDAN	I	104-112-122	104-112-122	B31F7	(YO)
13PBTDBN	O	104-112-123	104-112-123	B31F7	(YO)
13PBTDAN	O	104-112-124	104-112-124	B31F6	(YO)

ELEMENT IDENTIFIER

KV

TERM.	ACCESS	FS	SHEET		
MODIFIER	FUNC	TERM.	TERM.	LOC	NOTE
10PDATAP	IO	104-112-034	104-112-034	B31F3	(YN)
10PTXC0P	O	104-112-035	104-112-035	B31F2	(YN, YO)
10PCTS0P	I	104-112-036	104-112-036	B31B4	(YN, YO)
10PRTS0P	O	104-112-037	104-112-037	B31F2	(YN, YO)
10PBRDBP	I	104-112-038	104-112-038	B31B4	(YN, YO)
10PRXC1P	I	104-112-039	104-112-039	B31B1	(YN, YO)
10PRXC1P	I	104-112-040	104-112-040	B31B1	(YN, YO)
10PBRDAP	I	104-112-041	104-112-041	B31B6	(YO)
10PBTDBP	O	104-112-042	104-112-042	B31F6	(YO)
10PBTDAP	O	104-112-043	104-112-043	B31F5	(YO)
10PDATAN	IO	104-112-134	104-112-134	B31F3	(YN)
10PTXC0N	O	104-112-135	104-112-135	B31F2	(YN, YO)
10PCTS0N	I	104-112-136	104-112-136	B31B4	(YN, YO)
10PRTS0N	O	104-112-137	104-112-137	B31F2	(YN, YO)
10PBRDBN	I	104-112-138	104-112-138	B31B3	(YN, YO)
10PRXC1N	I	104-112-139	104-112-139	B31B1	(YN, YO)
10PRXC1N	I	104-112-140	104-112-140	B31B1	(YN, YO)
10PBRDAN	I	104-112-141	104-112-141	B31B6	(YO)
10PBTDBN	O	104-112-142	104-112-142	B31F6	(YO)
10PBTDAN	O	104-112-143	104-112-143	B31F5	(YO)

ELEMENT IDENTIFIER

KW

TERM.	ACCESS	FS	SHEET		
MODIFIER	FUNC	TERM.	TERM.	LOC	NOTE
11PDATAP	IO	104-112-047	104-112-047	B31F2	(YN)
11PTXC0P	O	104-112-048	104-112-048	B31F1	(YN, YO)
11PCTS0P	I	104-112-049	104-112-049	B31B2	(YN, YO)
11PRTS0P	O	104-112-050	104-112-050	B31F1	(YN, YO)
11PBRDBP	I	104-112-051	104-112-051	B31B2	(YN, YO)
11PRXC1P	I	104-112-052	104-112-052	B31B0	(YN, YO)
11PRXC1P	I	104-112-053	104-112-053	B31B0	(YN, YO)
11PBRDAP	I	104-112-054	104-112-054	B31B7	(YO)
11PBTDBP	O	104-112-055	104-112-055	B31F7	(YO)
11PBTDAP	O	104-112-056	104-112-056	B31F5	(YO)
11PDATAN	IO	104-112-147	104-112-147	B31F2	(YN)
11PTXC0N	O	104-112-148	104-112-148	B31F1	(YN, YO)
11PCTS0N	I	104-112-149	104-112-149	B31B3	(YN, YO)
11PRTS0N	O	104-112-150	104-112-150	B31F1	(YN, YO)
11PBRDBN	I	104-112-151	104-112-151	B31B2	(YN, YO)
11PRXC1N	I	104-112-152	104-112-152	B31B0	(YN, YO)
11PRXC1N	I	104-112-153	104-112-153	B31B0	(YN, YO)
11PBRDAN	I	104-112-154	104-112-154	B31B7	(YO)
11PBTDBN	O	104-112-155	104-112-155	B31F6	(YO)
11PBTDAN	O	104-112-156	104-112-156	B31F5	(YO)

ELEMENT IDENTIFIER

KY

TERM.	ACCESS	FS	SHEET		
MODIFIER	FUNC	TERM.	TERM.	LOC	NOTE
01GPMDSO	O	004-116-007	004-116-007	B19C2	
01GTAR20	I	004-116-008	004-116-008	B19C2	
01GPA021	O	004-116-009	004-116-009	B19C2	
01GPA041	O	004-116-010	004-116-010	B19D2	
01GPA061	O	004-116-011	004-116-011	B19D2	
0XGPRESO	I	004-117-006	004-117-006	B19D2	
01GPIFRO	O	004-117-007	004-117-007	B19E2	
01GTAR10	I	004-117-008	004-117-008	B19E2	
01GPA031	O	004-117-009	004-117-009	B19E2	
01GPA051	O	004-117-010	004-117-010	B19E2	
01GPA071	O	004-117-011	004-117-011	B19E2	
01GPRDYO	I	004-117-013	004-117-013	B19E2	
01GPPAUC	I	004-117-014	004-117-014	B19E2	
01GPNMIO	I	004-117-015	004-117-015	B19E2	
01GPDTAO	I	004-117-016	004-117-016	B19E2	

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE
C2

ISSUE
17B

AT&T

SD-5D151-01

SHEET
GB21

PRINTED IN U.S.A.

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

KX
(CONT)

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0IGPD071	IO	004-117-017	004-117-017	B19E2	
0IGPD061	IO	004-117-018	004-117-018	B19E2	
0IGPD051	IO	004-117-019	004-117-019	B19F2	
0IGPD041	IO	004-117-020	004-117-020	B19F2	
0IGPD031	IO	004-117-021	004-117-021	B19F2	
0IGPD021	IO	004-117-022	004-117-022	B19F2	
0IGPD011	IO	004-117-023	004-117-023	B19F2	
0IGPD001	IO	004-117-024	004-117-024	B19F2	

ELEMENT IDENTIFIER

WY

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0GRDLUG	G	007-167-057	007-012-357	B17G7	
0GRDLUG	G	007-149-057	007-012-357	B17G7	
0GRDLUG	G	007-120-057	007-012-357	B17G7	
0GRDLUG	G	007-076-057	007-012-357	B17G7	
0GRDLUG	G	007-034-057	007-012-357	B17G7	
0GRDLUG	G	007-058-057	007-012-357	B17G7	
0GRDLUG	G	007-012-057	007-012-357	B17G7	
0GRDLUG	G	007-104-057	007-104-157	B17G7	(5G)
0GRDLUG	G	007-102-057	007-102-157	B17G7	(5I)

ELEMENT IDENTIFIER

ZZ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1GRDLUG	G	01-120-3B0	01-034-1B0	B38G7	
1GRDLUG	G	01-076-3B0	01-034-1B0	B38G7	
1GRDLUG	G	01-149-0B0	01-034-1B0	B38G7	
1GRDLUG	G	01-167-0B0	01-034-1B0	B38G7	
1GRDLUG	G	01-012-3B0	01-034-1B0	B38G7	
1GRDLUG	G	01-034-1B0	01-034-1B0	B38G7	
1GRDLUG	G	01-058-3B0	01-034-1B0	B38G7	
1GRDLUG	G	01-104-1B0	01-104-1B0	B38G7	(5H)
1GRDLUG	G	01-102-1B0	01-102-1B0	B38G7	(5J)

ELEMENT IDENTIFIER

LD

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
FWR	FWR	04-088R-032	04-088R-032	2/20	

ELEMENT IDENTIFIER

KZ

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1IGPMDSO	O	104-116-007	104-116-007	B40C2	
1IGTAR20	I	104-116-008	104-116-008	B40C2	
1IGPA021	O	104-116-009	104-116-009	B40C2	
1IGPA041	O	104-116-010	104-116-010	B40D2	
1IGPA061	O	104-116-011	104-116-011	B40D2	
1XGPRESO	I	104-117-006	104-117-006	B40D2	
1IGPIFRO	O	104-117-007	104-117-007	B40E2	
1IGTAR10	I	104-117-008	104-117-008	B40E2	
1IGPA031	O	104-117-009	104-117-009	B40E2	
1IGPA051	O	104-117-010	104-117-010	B40E2	
1IGPA071	O	104-117-011	104-117-011	B40E2	
1IGPRDYO	I	104-117-013	104-117-013	B40E2	

1IGPPAUO	I	104-117-014	104-117-014	B40E2	
1IGPNMIO	I	104-117-015	104-117-015	B40E2	
1IGPDTAO	I	104-117-016	104-117-016	B40E2	

1IGPD071	IO	104-117-017	104-117-017	B40E2	
1IGPD061	IO	104-117-018	104-117-018	B40E2	
1IGPD051	IO	104-117-019	104-117-019	B40F2	

1IGPD041	IO	104-117-020	104-117-020	B40F2	
1IGPD031	IO	104-117-021	104-117-021	B40F2	
1IGPD021	IO	104-117-022	104-117-022	B40F2	

1IGPD011	IO	104-117-023	104-117-023	B40F2	
1IGPD001	IO	104-117-024	104-117-024	B40F2	

ELEMENT IDENTIFIER

XX

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
0CONV-48	P	002-007-005	002-007-005	B17B7	
0CONVRTN	G	002-007-001	002-007-001	B17D7	
0DLI-48	P	002-166-005	002-166-005	B17B8	
0DLIRTN	G	002-166-001	002-166-001	B17D8	
0TEST-48	P	001-024-0B0	001-024-0B0	B17B6	
0TESTRTN	G	001-018-2B0	001-018-2B0	B17B6	
00DSC-48	P	002-176-013	002-176-013	B17B9	
00DSCRTN	G	002-176-009	002-176-009	B17D9	
02DSC-48	P	002-176-005	002-176-005	B17B8	
02DSCRTN	G	002-176-001	002-176-001	B17D8	

ELEMENT IDENTIFIER

YY

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
1CONV-48	P	102-007-005	102-007-005	B38B7	
1CONVRTN	G	102-007-001	102-007-001	B38D7	
1DLI-48	P	102-166-006	102-166-006	B38B8	
1DLIRTN	G	102-166-002	102-166-002	B38D8	
1TEST-48	P	101-024-0B0	101-024-0B0	B38B6	
1TESTRTN	G	101-018-2B0	101-018-2B0	B38B6	
11DSC-48	P	102-176-013	102-176-013	B38B9	
11DSCRTN	G	102-176-009	102-176-009	B38D9	
13DSC-48	P	102-176-005	102-176-005	B38B8	
13DSCRTN	G	102-176-001	102-176-001	B38D8	

ELEMENT IDENTIFIER

LA

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
GRD	GRD	04-088R-233	04-088R-233	1/20	
FNC5	I/O	04-088R-235	04-088R-235	1/20	

ELEMENT IDENTIFIER

LB

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
FWR	FWR	04-088R-032	04-088R-032	1/20	

ELEMENT IDENTIFIER

LC

TERM. MODIFIER	ACCESS FUNC	TERM.	FS TERM.	SHEET LOC	NOTE
GRD	GRD	04-088R-233	04-088R-233	2/20	
FNC5	I/O	04-088R-235	04-088R-235	2/20	

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MODULE CONTROLLER AND TIME SLOT
INTERCHANGER UNIT, MODEL 2

DWG SIZE
C2

ISSUE
20B

AT&T

SD-5D151-01

SHEET
GB22

PRINTED IN U.S.A.

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER LE					
TERM. MODIFIED	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
ODSLINK	I	004-156-100	004-156-100	B14C0	
ODSLINT	I	004-156-101	004-156-101	B14C0	
0GRD	G	004-156-001	004-156-001	B14C0	

ELEMENT IDENTIFIER LF					
TERM. MODIFIED	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
1DSLINK	I	104-156-100	104-156-100	B35C0	
1DSLINT	I	104-156-101	104-156-101	B35C0	
1GRD	G	104-156-001	104-156-001	B35C0	

ELEMENT IDENTIFIER LG					
TERM. MODIFIED	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
ODSLINK	I	004-156-100	004-156-100	B14C0	
ODSLINT	I	004-156-101	004-156-101	B14C0	
0AFRIP0	I	004-156-000	004-156-000	B14C0	
0GRD	G	004-156-001	004-156-001	B14C0	

ELEMENT IDENTIFIER LH					
TERM. MODIFIED	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
1DSLINK	I	004-156-100	004-156-100	B35C0	
1DSLINT	I	004-156-101	004-156-101	B35C0	
1AFRIP0	I	004-156-000	004-156-000	B35C0	
1GRD	G	004-156-001	004-156-001	B35C0	

ELEMENT IDENTIFIER LI					
TERM. MODIFIED	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
0FEXTT1E	I	002-156R-112	004-156-112	B14C0	324
0GRD	G	002-156R-012	004-156-012	B14C0	

ELEMENT IDENTIFIER LJ					
TERM. MODIFIED	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
1FEXTT1E	I	102-156R-112	104-156-112	B35C0	324
1GRD	G	102-156R-012	104-156-012	B35C0	

ELEMENT IDENTIFIER LK					
TERM. MODIFIED	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
0AFRIP0	I	001-156R-000	004-156-000	B14C0	326
0GRD	G	001-156R-001	004-156-001	B14C0	

ELEMENT IDENTIFIER LL					
TERM. MODIFIED	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
1APRIP0	I	101-156R-000	104-156-000	B35C0	326
1GRD	G	101-156R-001	104-156-001	B35C0	

ELEMENT IDENTIFIER LM					
TERM. MODIFIED	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
0FXREF	I	007-156R-250	004-156-250	B14C3	325
0GRD	G	007-156R-352	004-156-352	B14C3	

ELEMENT IDENTIFIER LN					
TERM. MODIFIED	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
1FXREF	I	107-156R-250	104-156-250	B35C3	325
1GRD	G	107-156R-352	104-156-352	B35C3	

ELEMENT IDENTIFIER LO					
TERM. MODIFIED	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
0BRECY	I	004-156-308	004-156-308	B14C3	

ELEMENT IDENTIFIER LP					
TERM. MODIFIED	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
0BXMIT	I	004-156-321	004-156-321	B14E2	

ELEMENT IDENTIFIER LQ					
TERM. MODIFIED	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
0AXMIT	I	004-156-340	004-156-340	B14E2	

ELEMENT IDENTIFIER LR					
TERM. MODIFIED	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
0ARECY	I	004-156-353	004-156-353	B14C3	

ELEMENT IDENTIFIER LS					
TERM. MODIFIED	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
1BRECY	I	104-156-308	104-156-308	B35C3	

ELEMENT IDENTIFIER LT					
TERM. MODIFIED	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
1BXMIT	I	104-156-321	104-156-321	B35E2	

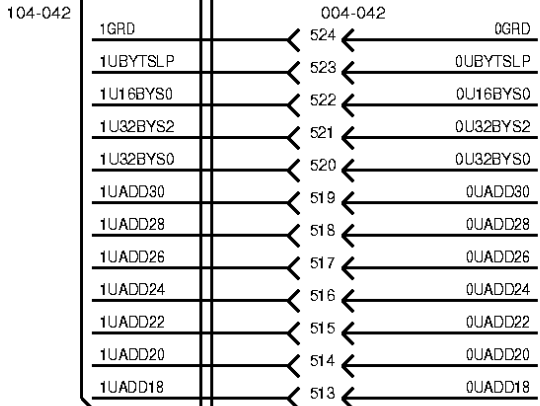
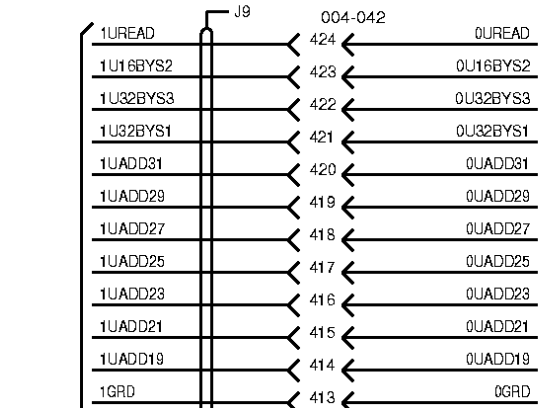
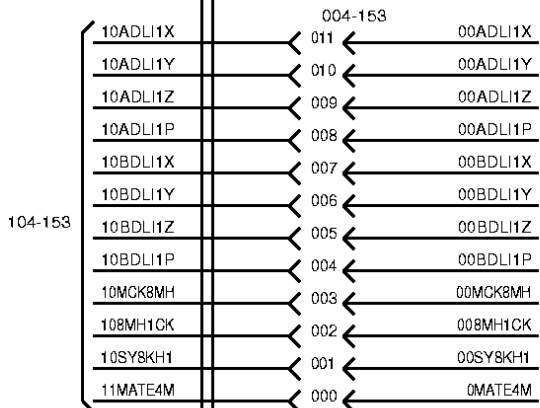
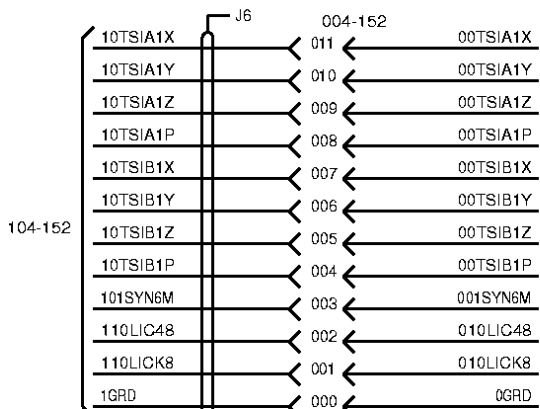
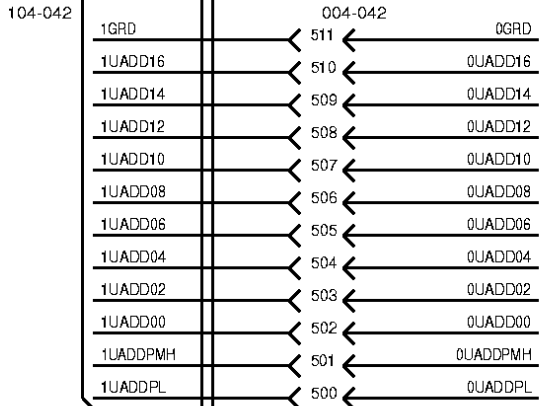
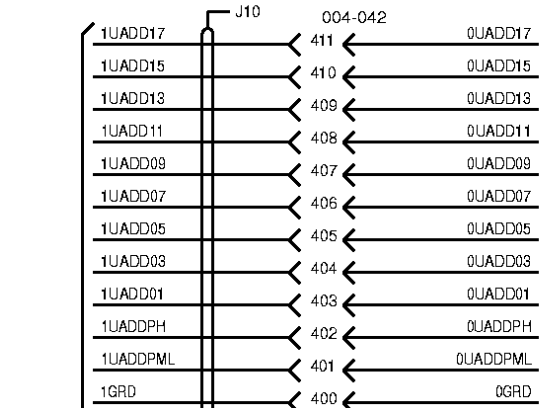
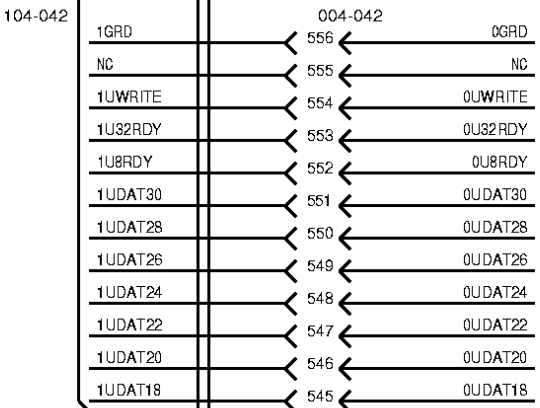
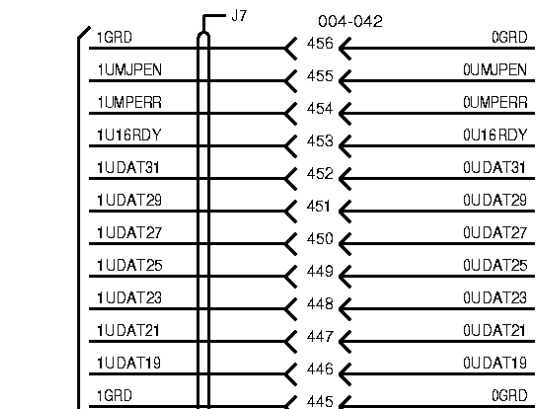
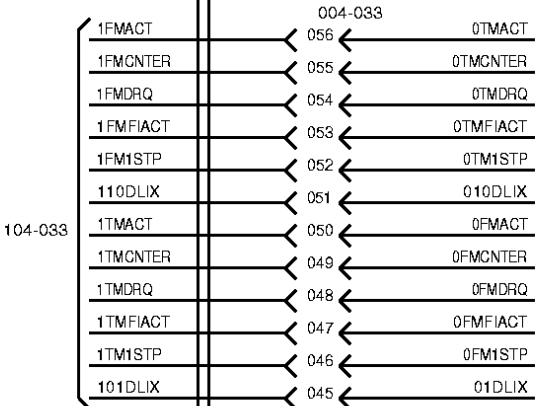
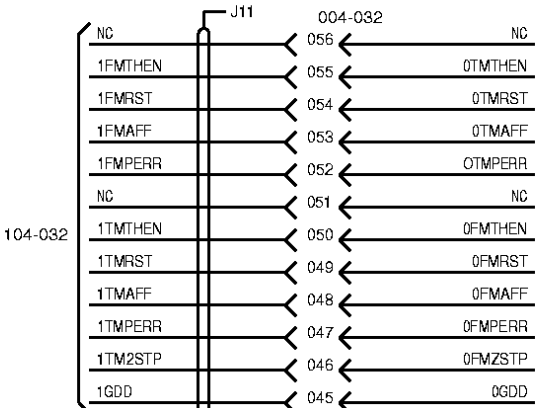
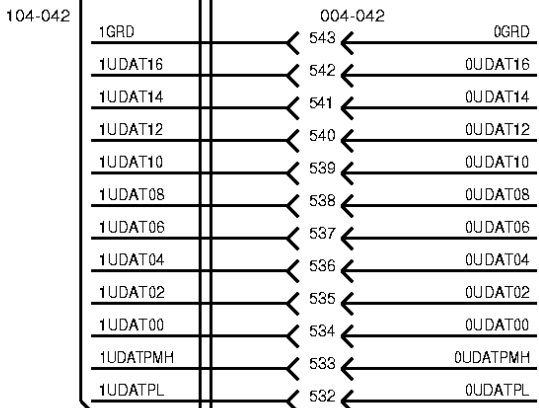
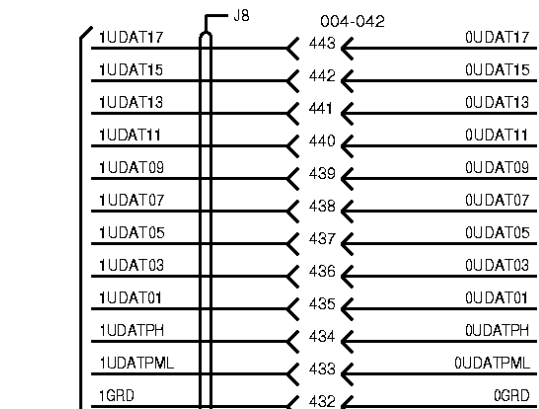
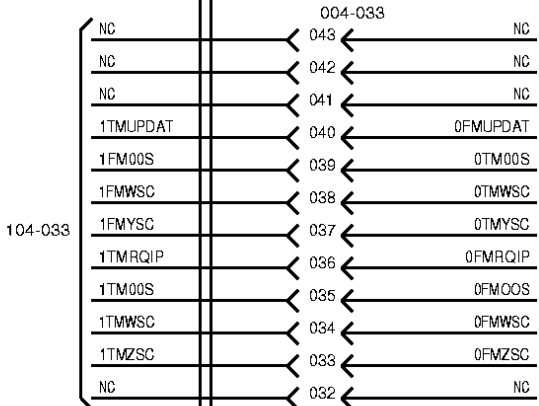
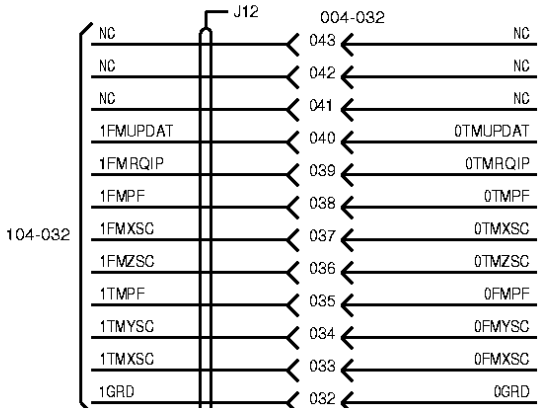
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TERM. MODIFIED	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
1AXMIT	I	104-156-340	104-156-340	B35E2	

ELEMENT IDENTIFIER LV					
TERM. MODIFIED	FUNC	ACCESS TERM.	FS TERM.	SHEET LOC	NOTE
1ARECY	I	104-156-353	104-156-353	B35C3	

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MODULE CONTROLLER AND TIME SLOT INTERCHANGER UNIT, MODEL 2	DWG SIZE	ISSUE
	C2	20B
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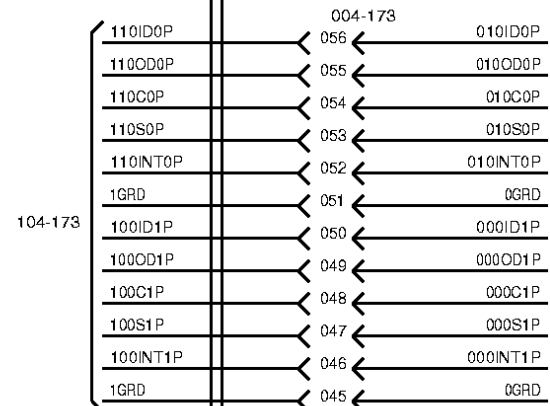
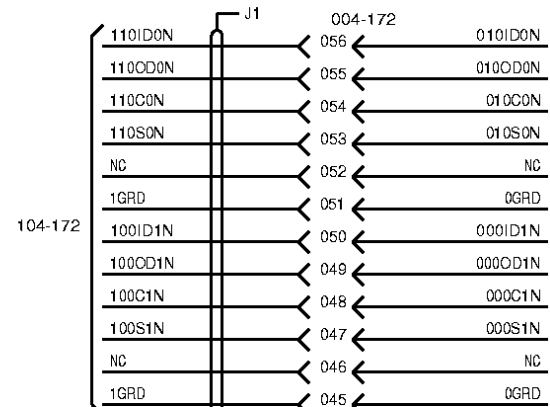
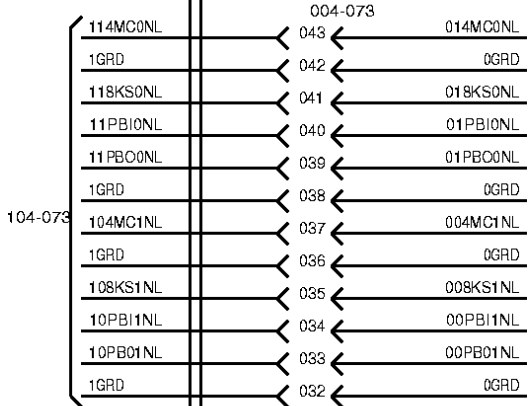
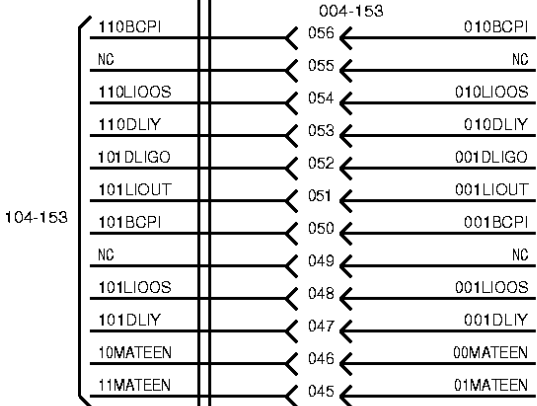
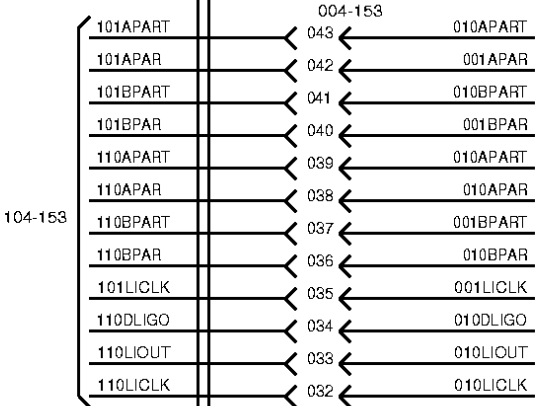
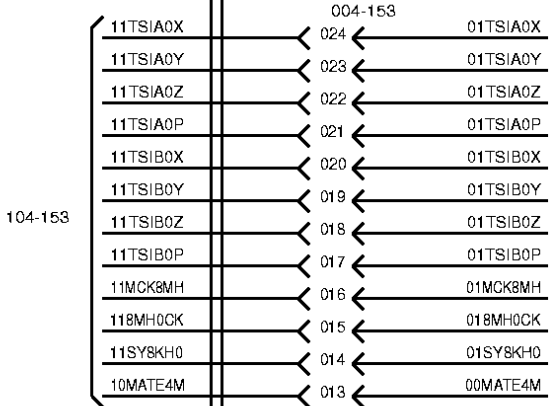
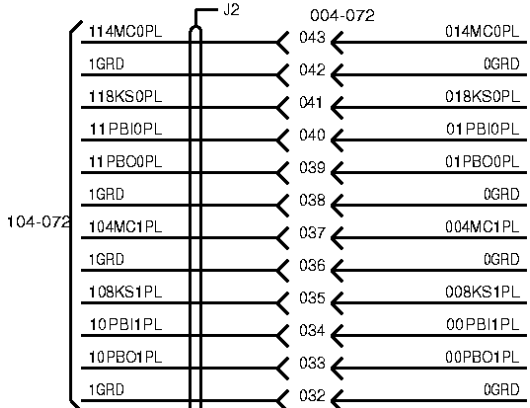
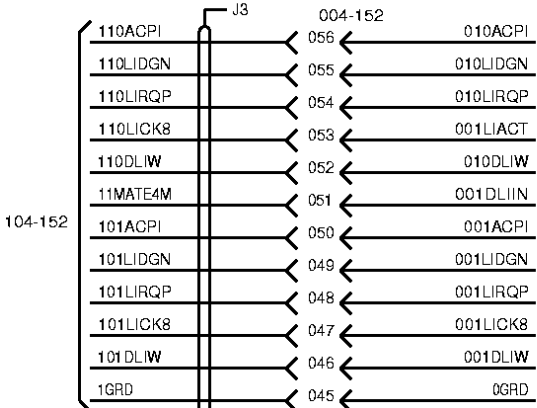
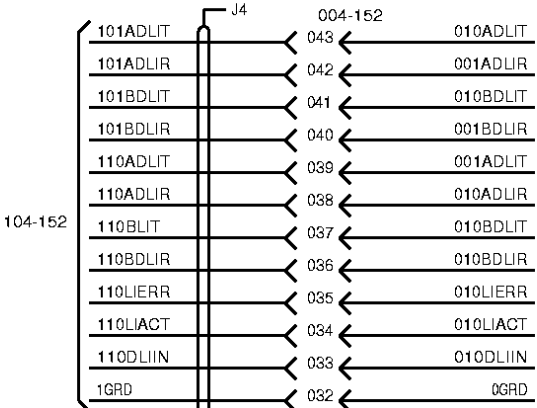
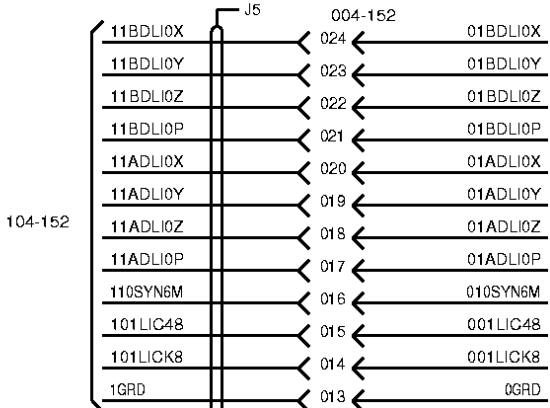
INTRA UNIT CABLING



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		SHEET GB25