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CIRCUIT PACK SCHEMATIC	CPS - *
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* SCHEMATICS OF ALL UN-CODED CIRCUIT PACKS ARE SHOWN ON DRAWING NUMBERED WITH A CPS PREFIX FOLLOWED BY THE CODE OF THE PACK - EXAMPLE: UN54

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COMMON SYSTEMS
3B200 MODEL 223 PROCESSOR
MAIN STORE, IB AND DFC UNIT
CIRCUIT

DWG SIZE: 6S
ISSUE: 14M
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DESIGNATION MNEMONICS INDEX

Mnemonic	ES/SYM	DEFINITION	Mnemonic	ES/SYM	DEFINITION	Mnemonic	ES/SYM	DEFINITION	Mnemonic	ES/SYM	DEFINITION
ADPC00	10/1	MEMORY ARRAY COLUMN ADDRESS AND REGISTER PARITY	C10MCA0	8/1	CCIO CONTROL BUS WRITE ADDRESS AND REGISTER BITS	DOB(00-35)1	9/1	THE 36 BITS (32 DATA +4 PARITY) OF THE DIO BUS	DR0IPM	1/2	DFC REQUEST IN PROGRESS DISTRIBUTE POINT (NEGATIVE SIDE)
ADPRO0	10/1	MEMORY ARRAY ROW ADDRESS PARITY	C10MD0	8/1	CCIO CONTROL BUS WRITE DATA BIT	DER0	5/1	BIC ERROR SUMMARY	DR0IPP	1/2	DFC REQUEST IN PROGRESS DISTRIBUTE POINT (POSITIVE SIDE)
A002(0,1)	10/1	HALF MEMORY ARRAY SELECT (1 or 2)	CLEAR00	5/1	PIC CLEAR A	DEST(0-4)1	4/1	PIC DESTINATION ADDRESS BUS	DRSRO0	8/1	DIO CONTROL BUS READ SERVICE REQUEST SIGNAL
A0(03-18)1	10/1	MEMORY ARRAY ROW AND COLUMN ADDRESS	CLEAR10	3/1	PIC CLEAR B	DFLGO	5/1	BIC FIFO DATA FLAG	DRSR10	9/1	READ SERVICE REQUEST REGISTER COMMAND FROM DMAC1
A019(0,1)	10/1	HALF MEMORY ARRAY SELECT (A or B)	CLOCK1	2/2	PIC MICROINSTRUCTION CLOCK	DH00(0-3)0	10/2	MODIFIED STORE DATA BYTE 0-3 PARITY	DRST00	8/1	DIO CONTROL BUS READ STATUS SIGNAL
BDA(0-3)	2/1	RETS WR1 BOARD ENABLE	CLRM00	10/1	ARRAY TYPE OPTION	DIDLE00	8/1	DIO CONTROL BUS IDLE SIGNAL	DRST10	9/1	READ STATUS REGISTER COMMAND FROM DMAC1
BD(1-3)SELO	2/2	PROM BOARD SELECT ENABLE	CLRO	10/1	READ AND CLEAR OPERATION TO MAIN STORE CONTROLLER	DIDLE10	9/1	DMAC1 IDLE COMMAND TO ITS CHANNELS	DRST00	8/1	DIO CONTROL BUS READ STATUS SIGNAL
CCALM0	12/1	CPU CONVERTER ALARM	CPHC	1/1	CURRENT PROGRAMMING (LOW SIDE) FOR CONVERTER C	DINTL0	1/1	DFC CONVERTER INTERLOCK LOOP	DRST10	9/1	READ STATUS REGISTER COMMAND FROM DMAC1
CCINTLB	12/1	CPU CONVERTER INTERLOCK LINK B	CPHD	8/3	CURRENT PROGRAMMING (LOW SIDE) FOR CONVERTER D	DINT000	8/2	DIO INTERRUPT FROM CHANNEL 11	DSD0N	1/2	DFC POWER SCAN POINT X (NEGATIVE SIDE)
CCINTLC	12/1	CPU CONVERTER INTERLOCK LINK C	CPMDA	8/2	PROGRAMMING RESISTOR FOR DMAC1, CHANNEL 1	DINT010	8/1	DIO INTERRUPT FROM CHANNEL 12	DSD0P	1/2	DFC POWER SCAN POINT X (POSITIVE SIDE)
CCSTN	12/1	CPU CONVERTER START LOOP (LOW SIDE)	CPMDB	8/1	PROGRAMMING RESISTOR FOR DMAC1, CHANNEL 0	DINT110	9/1	INTERLUPT DMAC1 FROM CHANNEL 1	DSD0YN	1/2	DFC POWER SCAN POINT XY COMMON (NEGATIVE SIDE)
CCSTP	12/1	CPU CONVERTER START LOOP (HIGH SIDE)	CPMG	12/1	CURRENT PROGRAMMING (LOW SIDE) FOR CONVERTER G	DIOA0000	8/1	DIO ADDRESS FOR CHANNEL 11	DSD0YP	1/2	DFC POWER SCAN POINT Y (POSITIVE SIDE)
CER000	8/2	CHANNEL ERROR - CHANNEL 11	CPPC	1/1	CURRENT PROGRAMMING (HIGH SIDE) FOR CONVERTER C	DIOA0010	8/1	DIO ADDRESS FOR CHANNEL 12	DR0	6/1	BIC DATA READY STROBE
CER010	8/1	CHANNEL ERROR - CHANNEL 12	CPPD	8/3	CURRENT PROGRAMMING (HIGH SIDE) FOR CONVERTER D	DIOA0100	9/1	ADDRESS OF CHANNEL 0, DMAC1	DMCA00	8/1	DIO CONTROL BUS WRITE COMMAND AND ADDRESS REGISTER SIGNAL
CER100	9/1	CHANNEL ERROR FROM CHANNEL 0, DMAC1	CPPA	8/2	PROGRAMMING RESISTOR FOR DMAC1, CHANNEL 1	DIOA0110	9/1	ADDRESS OF CHANNEL 1, DMAC1	DMCA10	9/1	WRITE COMMAND/ADDR COMMAND FROM DMAC1
CER110	9/1	CHANNEL ERROR FROM CHANNEL 1, DMAC1	CPP0B	8/1	PROGRAMMING RESISTOR FOR DMAC1, CHANNEL 0	DIOAK000	8/2	DIO ACKNOWLEDGE FOR CHANNEL 11			
CFLGO	5/1	COMMAND FLAG	CPPG	12/1	CURRENT PROGRAMMING (HIGH SIDE) FOR CONVERTER G	DIOAK010	8/1	DIO ACKNOWLEDGE FOR CHANNEL 12			
C10AD(0-5)00	8/1	CCIO BUS ADDRESS, 3 OUT OF 6 CODE	CPPO	8/1	PROGRAMMING RESISTOR FOR DMAC1, CHANNEL 0	DIOAK100	9/1	ACKNOWLEDGE FROM CHANNEL 0, DMAC1			
C10AK(0-5)00	8/1	CHANNEL AND CCIO ADDRESS ACKNOWLEDGE SIGNALS, BITS 0-5	CPPE	12/1	CURRENT PROGRAMMING (HIGH SIDE) FOR CONVERTER G	DIOAK110	9/1	ACKNOWLEDGE FROM CHANNEL 1, DMAC1			
C10ASH0	8/1	CHANNEL 10 ALL SEEMS WELL	CPO	6/1	COMMAND PRESENT	DKTYP01	7/1	DISK TYPE SELECT 01			
C10CER0	8/1	CHANNEL 10 ERROR	CYCEND1	2/2	CYCLE END CLOCK	DMAR000	3/2	DMA REQUEST FROM CHANNEL 11			
C10CLE0	8/1	CLEAR 10 CHANNEL ERROR	DASH00	8/2	DIO BUS ALL SEEMS WELL	DMAR010	8/1	DMA REQUEST FROM CHANNEL 12			
C10D(00-31)0	8/1	CCIO BUS DATA BITS 00-31	DASH10	9/1	ALL SEEMS WELL TO DMAC1	DMAR100	1/2	REQUEST FROM CHANNEL 0, DMAC1			
C10D(32-35)0	8/1	CCIO BUS PARITY BITS	DBPAR	4/1	PIC DATA BUS LOW BYTE PARITY	DMAR110	9/1	REQUEST FROM CHANNEL 1, DMAC1			
C10EACK0	8/1	CCIO CONTROL BUS ERROR ACKNOWLEDGE BIT	DB(00-15)1	3/1	PIC DATA BUS	DO0SN	1/2	DFC OUT-OF-SERVICE DISTRIBUTE POINT (NEGATIVE SIDE)			
C10IAK0	8/1	CCIO INTERRUPT ACKNOWLEDGE BIT	DCALM0	1/1	DFC CONVERTER ALARM	DO0SP	1/2	DFC OUT-OF-SERVICE DISTRIBUTE POINT (POSITIVE SIDE)			
C10IDL0	8/1	CCIO IDLE BIT	DCLE00	8/1	DIO COMMAND BUS CLEAR ERROR SIGNAL FROM DMAC	DPA00	10/2	WARNING BIT 9A			
C10INH0	8/1	CCIO INHIBIT BIT	DCLE10	9/1	CLEAR ERROR FROM DMAC1	DPMCLRO	5/1	DFC POWER CLEAR (RESTART)			
C10MR0	8/1	CCIO CHANNEL MAINTENANCE RESPONSE	DCSTN	1/2	DFC CONVERTER START LOOP (LOW SIDE)	DPOX-2)00	10/2	HARMING BIT PX, PY, PZ			
C10RDY0	8/1	CCIO CHANNEL READY	DCSTP	1/2	DFC CONVERTER START LOOP (HIGH SIDE)	DPO	5/1	BIC DATA PRESENT STROBE			
C1ORD0	8/1	READ DATA CONTROL SIGNAL	DOB(00-31)0	8/2	DIO BUS DATA BITS 0-31	DRDY00	8/2	DIO BUS RESPONSE READY BIT			
C1ORIN0	8/1	READ INTERRUPT	DOB320	8/2	DIO DATA BUS PARITY BITS OVER 0-7	DRDY10	9/1	CHANNEL RDV TO DMAC1			
C1ORSR0	8/1	READ SERVICE REQUEST BIT	DOB330	8/2	DIO DATA BUS PARITY BITS OVER 8-15	DR000	8/1	DIAGNOSTIC/RECOVERY DATA FROM CC TO EAI (SSR0-3 OUTPUTS)			
C1ORST0	8/1	CCIO CONTROL BUS READ STATUS BIT	DOB340	8/2	DIO DATA BUS PARITY BITS OVER 16-23	DRD10	9/1	READ DATA COMMAND FROM DMAC1			
C1OSAK0	8/1	CCIO SERVICE REQUEST ACKNOWLEDGE BITS WRITE ADDRESS AND REGISTER BITS	DOB350	8/2	DIO DATA BUS PARITY BITS OVER 24-31	DRINT00	8/1	DIO CONTROL BUS READ INTERRUPT BIT			
						DRINT10	9/1	READ INTERRUPT COMMAND FROM DMAC1			

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MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION
DND00	8/1	DIO CONTROL BUS WRITE DATA SIGNAL	MD0001	10/1	MEMORY MODULE SELECT	SA331	8/1	STORE ADDRESS PARITY OVER SA(08-15)1	SRCSPO0	2/1	SOURCE SPECIAL DATA
DND10	9/1	WRITE DATA COMMAND FROM DMAC1	MYSER(A-D)0	10/1	MY STORE ERROR A-D	SA341	8/1	STORE ADDRESS PARITY OVER SA(16-23)1	SRC(0-4)1	4/1	SOURCE BUS BIT
DOABUS0	8/1	DMA 0 LESS THE STORE ADDRESS BUS	N48VCPU4	12/1	-48V FOR CPU SEGMENT 4 (FUSED)	SBYTE0	8/1	STORE OPERATION ON A BYTE	SST0	6/1	BIC/DOSBS STATUS STROBE
DOCLRO	8/1	DMA 0 REQUESTS A READ AND CLEAR OPERATION FROM MAIN STORE	N48VDFC1	1/1	-48V FOR DFC SEGMENT 1 (FUSED)	SCENZ50	4/1	DISK SELECT ACK. READ ENABLE	STA20	1/2	START 2
DOOBUS0	8/1	DMA 0 HAS THE STORE DATA BUS	N48VDFC2	1/2	-48V FOR DFC SEGMENT 2 (FUSED)	SCINT0	4/1	PIC DISK SECTOR MARK	THRINT0	5/1	BIC TIMER INTERRUPT
DOSCM0	8/1	STORE COMPLETED TO DMA 0	NSV	1/2	-5V FOR DFC DISK INTERFACE	SCM0	10/1	STORE ACCESS COMPLETE SIGNAL	TXCAEN(N,P)	4/1	DISK INTERFACE ENABLE
DOSGO0	8/1	DMA 0 STORE GO SIGNAL	PA	1/2	POWER ALARM CONTACT (COMBINED POWER ALARMS)	SCOMP0	8/1	STORE COMMAND BITS PARITY	TXCK(00-07)N	7/1	DISK TRANSMIT CLOCK
DOHRT0	8/1	DMA 0 REQUESTS A WRITE OPERATION TO MAIN STORE	PAR	1/2	POWER ALARM RETURN (GROUND)	SD(00-31)1	8/1	STORE DATA BITS 0-31	TXCK(00-07)P	7/1	DISK TRANSMIT CLOCK
DO(00-31)0	10/2	DATA BITS 0-31	PARITYE0	2/2	MICROSTORE PARITY ERROR	SD321	10/1	STORE DATA PARITY OVER SD(00-07)1 (BYTE 3)	TXCMD(00-09)N	4/1	DISK COMMAND DATA
D1ABUS0	9/1	DMA 1 HAS THE STORE ADDRESS BUS	PICFER1	5/1	PIC FATAL ERROR	SD331	10/1	STORE DATA PARITY OVER SD(08-15)1 (BYTE 2)	TXCMD(00-09)P	4/1	DISK COMMAND DATA
D1CLRO	9/1	DMA REQUESTS A READ AND CLEAR OPERATION FROM MAIN STORE	PPSS	2/1	DFC PSV POWER SENSE	SD341	10/1	STORE DATA PARITY OVER SD(16-23)1 (BYTE 1)	TXDT(00-07)N	7/1	DISK WRITE DATA 0-7
D1DBUS0	9/1	DMA 1 HAS THE STORE DATA BUS	PMRCLRO	10/1	POWER UP CLEAR	SD351	10/1	STORE DATA PARITY OVER SD(24-31)1 (BYTE 0)	TXDT(00-07)P	7/1	DISK WRITE DATA 0-7
D1SCM0	9/1	STORE COMPLETE TO DMA 1	PSVC	1/1	+5V LOGIC SUPPLY FROM CONVERTER C	SELCEV00	10/2	SELECT COLUMN EVEN RESPONSE FROM MEMORY ARRAY	TXTAG0(N,P)	4/1	DISK CYLINDER STROBE
D1SGO0	9/1	DMA 1 STORE GO SIGNAL	PSVD	9/1	+5V LOGIC SUPPLY FROM CONVERTER D	SELCD000	10/2	SELECT COLUMN ODD RESPONSE FROM MEMORY ARRAY	TXTAG1(N,P)	4/1	DISK HEAD SELECT STROBE
D1HRT0	9/1	DMA 1 REQUESTS A WRITE OPERATION TO MAIN STORE	PSVDA	8/2	+5V LOGIC POWER, SEGMENT DA	SELREV00	10/2	SELECT ROW EVEN RESPONSE FROM MEMORY ARRAY	TXTAG2(N,P)	4/1	DISK COMMAND STROBE
ECCINT0	7/1	DISK DATA ERROR CORRECTION READY	PSVOB	8/1	+5V LOGIC POWER, SEGMENT DB	SELROD00	10/2	SELECT ROW ODD RESPONSE FROM MEMORY ARRAY	TXLSTB(N,P)	4/1	DISK UNIT SELECT STROBE
EDT0	6/1	BIC END OF TRANSMISSION	RCVCK(00-07)N	7/1	DISK READ CLOCK	SEL0(00-07)0	10/1	MEMORY ARRAY SELECT SIGNAL	TXUS(0-3)N	4/1	DISK UNIT SELECT ADDRESS
FIFORDY	4/1	DISK DATA FIFO READY	RCVCK(00-07)P	7/1	DISK READ CLOCK	SEL0080	10/1	SELECT MSA 08	TXUS(0-3)P	4/1	DISK UNIT SELECT ADDRESS
INCTMR1	5/1	BIC TIMER CLOCK	RCVDT(00-07)N	7/1	DISK READ DATA 0-7	SEL0090	10/1	SELECT MSA 09	UAB(00-11)1	4/1	MICROSTORE ADDRESS BUS
INFP(0-3)0	5/1	INFORMATION BUS PARITY	RCVDT(00-07)P	7/1	DISK READ DATA 0-7	SEL0100	10/1	SELECT MSA 10	UAB(12-15)1	2/2	MICROSTORE ADDRESS BUS
INF(00-31)0	5/1	BIC/DOSBS DATA BUS	RCVSV(00-07)N	7/1	DISK SERVO CLOCK	SEL0110	10/1	SELECT MSA 11			
INHCK00	3/1	INHIBIT PIC CLOCK 0	RCVSV(00-07)P	7/1	DISK SERVO CLOCK	SEL0120	10/1	SELECT MSA 12			
INHCK10	4/1	INHIBIT PIC CLOCK 1	READ01	10/1	READ SIGNAL TO MEMORY ARRAYS	SEL0130	10/1	SELECT MSA 13			
INITD0	1/2	INITIALIZATION LEAD (D COPY) TO COOLING UNITS	REF00	10/1	REFRESH SIGNAL TO MEMORY ARRAYS	SEL0140	10/1	SELECT MSA 14			
INT0	5/1	INTERRUPT REQUEST	RFLT(N,P)	4/1	DISK FAULT	SEL0150	10/1	SELECT MSA 15			
INT000	8/1	INTERRUPT FROM CHANNEL 0	RHDUNL(N,P)	4/1	DISK HEADS UNLOADED	SER000	8/1	SERVICE REQUEST FROM CHANNEL 0			
INT010	9/1	INTERRUPT FROM CHANNEL 1	RHTMP(N,P)	4/1	DISK HIGH TEMPERATURE	SER010	9/1	SERVICE REQUEST FROM CHANNEL 1			
INT020	9/1	INTERRUPT FROM CHANNEL 2	RINDX(N,P)	4/1	DISK INDEX MARK	SER020	9/1	SERVICE REQUEST FROM CHANNEL 2			
INT030	8/1	INTERRUPT FROM CHANNEL 3	RMBDCK	2/1	RETS/MR1 SERIAL DATA CONTROL	SER030	8/1	SERVICE REQUEST FROM CHANNEL 3			
INT100	8/1	INTERRUPT FROM DMA0	RMRD0	2/1	RETS/MR1 SERIAL DATA CONTROL	SETUP0	5/1	DMA SETUP REQUEST FROM BIC			
INT110	8/1	INTERRUPT FROM CHANNEL 11	RMTYD	3/1	RETS/MR1 SERIAL DATA CONTROL	SG00	10/1	STORE GO			
INT120	8/1	INTERRUPT FROM CHANNEL 12	RONCYL(N,P)	4/1	DISK HEADS ON CYLINDER	SG0(0-3)1	10/1	GO SIGNALS TO MEMORY ARRAYS			
INT150	9/1	INTERRUPT FROM DMA1	RSECK(N,P)	4/1	DISK SECTOR MARK	SHALFO	8/1	STORE HALF WORD COMMAND			
INT160	9/1	INTERRUPT FROM CHANNEL 16	RSKER(N,P)	4/1	DISK SEEK ERROR	SPAINTO	8/1	STORE MAINTENANCE OPERATION IS ACTIVE			
INT170	9/1	INTERRUPT FROM CHANNEL 17	RSTRND	3/1	RETS/MR1 SERIAL DATA CONTROL	SPEED00	8/2	SPEED SELECT FOR CHANNEL 11			
IXINT0	4/1	PIC DISK INDEX MARK	RURDY(N,P)	4/1	UNIT READY	SPEED010	8/3	SPEED SELECT FOR CHANNEL 12			
MJ	1/2	MAJOR ALARM CONTACT	SAK(00-07)N	7/1	DISK SELECT ACKNOWLEDGE	SPPAR	4/1	PIC/DATA BUS - HIGH BYTE PARITY			
MJR	1/2	MAJOR ALARM RETURN (GROUND)	SAK(09-07)P	7/1	DISK SELECT ACKNOWLEDGE						
			SA(00-23)1	8/1	STORE ADDRESS BITS 0-23						
			SA321	8/1	STORE ADDRESS PARITY OVER SA(00-07)1						

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MNEMONIC	ES/SYM	DEFINITION
UDB(00-39)1	2/1	MICROSTORE DATA BUS
UAB121	2/1	MICROSTORE ADDRESS BUS
WCD11	7/1	DISK SECTOR SIZE SELECT 01
WCD81	7/1	DISK SECTOR SIZE SELECT 08
WRTH00	10/1	HAMMING WRITE SIGNALS TO MEMORY ARRAYS
WRT0	10/1	WRITE COMMAND TO STORE
WRT000	10/1	WRITE WORD SIGNAL TO MEMORY ARRAYS
WRT030	10/1	ADDRESS OPTION
XFER0	5/1	BIC TRANSFER REQUEST
11CLK(N,P)	8/2	RECEIVE CLOCK FOR DEVICE 0-3
11CLK0(N,P)	6/1	RECEIVE CLOCK FOR DEVICE 0-3
11CLK(00-03)N	6/1	RECEIVE CLOCK FOR DEVICE 0-3
11CLK(00-03)P	6/1	RECEIVE CLOCK FOR DEVICE 0-3
11DAH(N,P)	8/2	HIGH ORDER DATA FOR DEVICE 0-3
11DAH0(N,P)	6/1	HIGH ORDER DATA FOR DEVICE 0-3
11DAH(00-03)N	6/1	HIGH ORDER DATA FOR DEVICE 0-3
11DAH(00-03)P	6/1	HIGH ORDER DATA FOR DEVICE 0-3
11DAL(N,P)	8/2	LOW ORDER DATA FOR DEVICE 0-3
11DAL0(N,P)	6/1	LOW ORDER DATA FOR DEVICE 0-3
11DAL(00-03)N	6/1	LOW ORDER DATA FOR DEVICE 0-3
11DAL(00-03)P	6/1	LOW ORDER DATA FOR DEVICE 0-3
11REQ(N,P)	8/2	REQUESTS FROM DEVICE 0-3
11REQ0(N,P)	6/1	REQUESTS FROM DEVICE 0-3
11REQ(00-03)N	6/1	REQUESTS FROM DEVICE 0-3
11REQ(00-03)P	6/1	REQUESTS FROM DEVICE 0-3
11XCK(N,P)	8/2	TRANSMIT CLOCK FOR DEVICE 0-3
11XCK0(N,P)	6/1	TRANSMIT CLOCK FOR DEVICE 0-3
11XCK(00-03)N	6/1	TRANSMIT CLOCK FOR DEVICE 0-3
11XCK(00-03)P	6/1	TRANSMIT CLOCK FOR DEVICE 0-3
128MEN1	7/1	DISK SIZE SELECT
20MHZ1	6/1	20MHZ CLOCK
48RCPU4	12/1	48V RETURN FOR CPU SEGMENT 4
48RDFC1	12/1	48V RETURN FOR DFC SEGMENT 1
48RDFC2	1/2	48V RETURN FOR DFC SEGMENT 2

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MAINSTORE, IO AND DFC UNIT		<table border="1"> <tr> <td>ENG SIZE</td> <td>ISSUE</td> </tr> <tr> <td style="text-align: center;">02</td> <td style="text-align: center;">13B</td> </tr> </table>	ENG SIZE	ISSUE	02	13B
ENG SIZE	ISSUE					
02	13B					
AT&T	SD-4C099-01	A4				

APPARATUS INDEX

LEAD INDEX

EQUIP LOC	APP FIGURE NO. SH NO.		DESIG	APP FIG. NO. SH NO.		LOCATION			DESIG	LOCATION		DESIG	LOCATION		DESIG	LOCATION		
	CIRCUIT PACKS					DESIG	FS/SYM	APPFIG		EQPT	DESIG		FS/SYM	CAD		DESIG	FS/SYM	CAD
04-022	1	C1	DFCPHRC	1	C1	BTR1	11/1	1	04-167B1	SAZ41	8/1	100	11XCK0P	8/2		C100020	8/1	003,101
04-028	1	C1	DMAC	1	C1	BTR2	11/2	1	04-167B2	SAZ41	10/1		11XCK00N	6/1		C100030	8/1	003,101
04-028	1	C1	DMAC	1	C1	BTR3	11/3	1	04-167B3	SAZ51	8/1	003,100	11XCK00P	6/1		C100040	8/1	003,101
04-034	1	C1	DMAC	3	C2	BTR4	11/4	1	04-169B4	SA351	8/1	100	11XCK01N	8/2		C100050	8/1	003,101
04-034	1	C1	DMAC	3	C2	BTR5	11/5	1	04-169B5	SA351	10/1		11XCK01P	8/2		C100060	8/1	003,101
04-034	1	C1	DSCH	1	C1	BTR6	11/6	1	04-169B6	VLMHO	8/1	003,101	11XCK02N	8/2	107,113	C100070	8/1	003,101
04-034	1	C1	DSCH	4	C2	BTR7	11/7	1	04-169B7				11XCK02P	8/2	107,113	C100080	8/1	003,101
04-034	1	C1	MASA00	1	C1								11XCK03N	8/2	108,114	C100090	8/1	003,101
04-034	1	C1	MASA00	1	C1													
04-040	1	C1	MASA00	1	C1													
04-044	1	C1	MASA10	2	C2													
04-044	1	C1	MASA10	2	C2													
04-044	1	C1	MASA10	2	C2													
04-044	1	C1	MASA10	2	C2													
04-052	1	C1	MASA20	2	C2													
04-052	1	C1	MASA20	2	C2													
04-058	1	C1	MASA20	2	C2													
04-064	1	C1	MASA30	2	C2													
04-074	1	C1	MASA30	2	C2													
04-074	1	C1	MASA30	2	C2													
04-080	1	C1	MASA40	2	C2													
04-088	1	C1	MASA40	2	C2													
04-088	1	C1	MASA40	2	C2													
04-096	3	C2	MASA50	2	C2													
04-096	3	C2	MASA50	2	C2													
04-096	3	C2	MASA50	2	C2													
04-104	4	C2	MASA60	2	C2													
04-104	4	C2	MASA60	2	C2													
04-112	1	C1	MASA60	2	C2													
04-112	1	C1	MASA60	2	C2													
04-112	1	C1	MASA60	2	C2													
04-112	1	C1	MASA60	2	C2													
04-112	1	C1	MASA70	2	C2													
04-112	1	C1	MASA70	2	C2													
04-120	2	C2	MASA70	2	C2													
04-120	2	C2	MASA70	2	C2													
04-120	2	C2	MCSA	1	C1													
04-120	2	C2	MCSA	1	C1													
04-126	2	C2	MCSB	1	C1													
04-126	2	C2	MCSB	1	C1													
04-126	2	C2	MCSB	1	C1													
04-126	2	C2	MCSB	1	C1													
04-132	2	C2	MCSB	1	C1													
04-132	2	C2	MCSB	1	C1													
04-132	2	C2	MCSB	1	C1													
04-138	2	C2	MCSB	1	C1													
04-138	2	C2	MCSB	1	C1													
04-138	2	C2	MCSB	1	C1													
04-138	2	C2	MCSB	1	C1													
04-144	2	C2	MCSB	1	C1													
04-144	2	C2	MCSB	1	C1													
04-144	2	C2	MCSB	1	C1													
04-144	2	C2	MCSB	1	C1													
04-144	2	C2	MCSB	1	C1													
04-150	2	C2	MCSB	1	C1													
04-150	2	C2	MCSB	1	C1													
04-150	2	C2	MCSB	1	C1													
04-150	2	C2	MCSB	1	C1													
04-156	2	C2	MCSB	1	C1													
04-156	2	C2	MCSB	1	C1													
04-156	2	C2	MCSB	1	C1													
04-162	1	C1	MCSB	1	C1													
04-162	1	C1	MCSB	1	C1													
04-162	1	C1	MCSB	1	C1													
04-162	1	C1	MCSB	1	C1													
DESIG																		
BIC	1	C1																
BIC	1	C1																
DDSBS	1	C1																
DFCI	1	C1																
DFCI	1	C1																
DFCI	1	C1																
DFCPHRC	1	C1																
DFCPHRC	1	C1																
DFCPHRC	1	C1																
DFCPHRC	1	C1																
DFCPHRC	1	C1																

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MAIN STORE, IO AND DFC UNIT

AT&T SD-4C099-01

DWG SIZE 2 ISSUE 14M

AT&T SD-4C099-01 A5

LEAD INDEX (CONT)

DESIG	FS/SYM	LOCATION CAD	DESIG	FS/SYM	LOCATION CAD	DESIG	FS/SYM	LOCATION CAD	DESIG	FS/SYM	LOCATION CAD	DESIG	FS/SYM	LOCATION CAD	DESIG	FS/SYM	LOCATION CAD
PROC CONTROL FRAME CKT (CONT)																	
CPPG	12/1	050,051	DRDY10	9/1		RCVDT01P	7/1	202	SA181	8/1	100	SEL0080	10/1	003,102	TXDT03P	7/1	202
DOABUS0	8/1	003,101	DRINT10	9/1		RCVDT02M	7/1	202	SA191	8/1	100	SEL0090	10/1	003,102	TXDT04M	7/1	202
DOCLRO	8/1	003,101	DRQIPN	1/2	115,116	RCVDT02P	7/1	202	SA201	8/1	100	SEL0100	10/1	003,102	TXDT04P	7/1	202
DODBUS0	8/1	003,101	DRQIPP	1/2	115,116	RCVDT03M	7/1	202	SA211	8/1	100	SEL0110	10/1	003,102	TXDT05M	7/1	202
DOSCM0	8/1	003,101	DRSR10	9/1		RCVDT03P	7/1	202	SA221	8/1	100	SEL0120	10/1	003,102	TXDT05P	7/1	202
DOSG00	8/1	003,101	DRST10	9/1		RCVDT04M	7/1	202	SA231	8/1	100	SEL0130	10/1	003,102	TXDT06M	7/1	202
DOWRT0	8/1	003,101	DSCXN	1/2	115,116	RCVDT04P	7/1	202	SA251	8/1	100	SEL0140	10/1	003,102	TXDT06P	7/1	202
D1ABUS0	9/1	003,101	DSCXP	1/2	115,116	RCVDT05M	7/1	202	SA321	8/1	100	SEL0150	10/1	003,102	TXDT07M	7/1	202
D1CLRO	9/1	003,101	DSCXN	1/2	115,116	RCVDT05P	7/1	202	SA331	8/1	100	SER000	8/1	003,101	TXDT07P	7/1	202
D10BUS0	9/1	003,101	DSCYP	1/2	115,116	RCVDT06M	7/1	202	SA341	8/1	100	SER010	9/1	003,101	TXTAG0M	4/1	
D1SCM0	9/1	003,101	DWCA10	9/1		RCVDT06P	7/1	202	SAK00M	7/1	202	SER020	9/1	003,101	TXTAG0P	4/1	
D1SG00	9/1	003,101	DWD10	9/1		RCVDT07M	7/1	202	SAK00P	7/1	202	SER030	8/1	003,101	TXTAG1M	4/1	
D1WRT0	9/1	003,101	EADP0	10/1	003,102	RCVDT07P	7/1	202	SAK01M	7/1	202	SG001	10/1	003,102	TXTAG1P	4/1	
DASW10	9/1		GRD04016	1/1	002,055	RCVSV00M	7/1	202	SAK01P	7/1	202	SG011	10/1	003,102	TXTAG2M	4/1	
DCLE10	9/1		GRD04044	4/1		RCVSV00P	7/1	202	SAK02M	7/1	202	SG021	10/1	003,102	TXTAG2P	4/1	
DDB001	9/1		GRD04058	6/1		RCVSV01M	7/1	202	SAK02P	7/1	202	SG031	10/1	003,102	TXUS0M	4/1	
DDB011	9/1		GRD04064	7/1	202	RCVSV01P	7/1	202	SAK03M	7/1	202	SG00	10/1	100	TXUS0P	4/1	
DDB021	9/1		GRD04080	8/2	107,108	RCVSV02M	7/1	202	SAK03P	7/1	202	SHALF0	8/1	100	TXUS1M	4/1	
DDB031	9/1		GRD04096	9/1		RCVSV02P	7/1	202	SAK04M	7/1	202	SHALNT0	8/1	100	TXUS1P	4/1	
DDB041	9/1		GRD04102	1/2	003	RCVSV03M	7/1	202	SAK04P	7/1	202	STA20	1/2	117	TXUS2M	4/1	
DDB051	9/1		GRD04120	10/9		RCVSV03P	7/1	202	SAK05M	7/1	202	TXCAENM	4/1		TXUS2P	4/1	
DDB061	9/1		INITD0	1/2	117	RCVSV04M	7/1	202	SAK05P	7/1	202	TXCAENP	4/1		TXUS3M	4/1	
DDB071	9/1		INT000	8/1	003,101	RCVSV04P	7/1	202	SAK06M	7/1	202	TXCK00M	7/1	202	TXUS3P	4/1	
DDB081	9/1		INT010	9/1	003,101	RCVSV05M	7/1	202	SAK06P	7/1	202	TXCK00P	7/1	202	TXUSSTBM	4/1	
DDB091	9/1		INT020	9/1	003,101	RCVSV05P	7/1	202	SAK07M	7/1	202	TXCK01M	7/1	202	TXUSSTBP	4/1	
DDB101	9/1		INT030	8/1	003,101	RCVSV06M	7/1	202	SAK07P	7/1	202	TXCK01P	7/1	202	VLM0	8/1	003,101
DDB111	9/1		INT100	8/1	003,101	RCVSV06P	7/1	202	SBYTE0	8/1	100	TXCK02M	7/1	202	WRT0	10/1	100
DDB121	9/1		INT110	8/1	003,101	RCVSV07M	7/1	202	SCM0	10/1	100	TXCK02P	7/1	202	WRT000	10/1	003,102
DDB131	9/1		INT120	8/1	003,101	RCVSV07P	7/1	202	SCOMP0	8/1	100	TXCK03M	7/1	202	WRT030	10/1	003,102
DDB141	9/1		INT150	9/1	003,101	READ01	10/1	003,102	SD001	8/1	100	TXCK03P	7/1	202	WRT000	10/1	003,102
DDB151	9/1		INT160	9/1	003,101	REF00	10/1	003,102	SD011	8/1	100	TXCK04M	7/1	202			
DDB161	9/1		INT170	9/1	003,101	RFLTH	4/1		SD021	8/1	100	TXCK04P	7/1	202			
DDB171	9/1		MJ	1/2	117	RFLTP	4/1		SD031	8/1	100	TXCK05M	7/1	202			
DDB181	9/1		MJR	1/2	117	RHDUNLM	4/1		SD041	8/1	100	TXCK05P	7/1	202			
DDB191	9/1		MYSERAD	10/1	100	RHDUNLP	4/1		SD051	8/1	100	TXCK06M	7/1	202			
DDB201	9/1		MYSERB0	10/1	100	RHTMPP	4/1		SD061	8/1	100	TXCK06P	7/1	202			
DDB211	9/1		MYSERC0	10/1	100	RINDXN	4/1		SD071	8/1	100	TXCK07M	7/1	202			
DDB221	9/1		MYSERD0	10/1	100	RINDXP	4/1		SD081	8/1	100	TXCK07P	7/1	202			
DDB231	9/1		N48VCPU4	12/1	002,053	RINDXP	4/1		SD091	8/1	100	TXCHD00M	4/1				
DDB241	9/1		N48VDFC1	1/1	002,053	RONCYLN	4/1		SD101	8/1	100	TXCHD00P	4/1				
DDB251	9/1		N48VDFC2	1/2	002,053	RONCYLP	4/1		SD111	8/1	100	TXCHD01M	4/1				
DDB261	9/1		PSYDA	8/2	002,055	RSECHN	4/1		SD121	8/1	100	TXCHD01P	4/1				
DDB271	9/1		PSVDB	8/1	002,055	RSECHP	4/1		SD131	8/1	100	TXCHD02M	4/1				
DDB281	9/1		PA	1/2	117	PSKERN	4/1		SD141	8/1	100	TXCHD02P	4/1				
DDB291	9/1		PAR	1/2	117	RSKERP	4/1		SD151	8/1	100	TXCHD03M	4/1				
DDB301	9/1		PWRCLRO	10/1	100	RURDYN	4/1		SD161	8/1	100	TXCHD03P	4/1				
DDB311	9/1		RCVCK00M	7/1	202	RURDYP	4/1		SD171	8/1	100	TXCHD04M	4/1				
DDB321	9/1		RCVCK00P	7/1	202	SAD01	8/1	100	SD181	8/1	100	TXCHD04P	4/1				
DDB331	9/1		RCVCK01M	7/1	202	SA011	8/1	100	SD191	8/1	100	TXCHD05M	4/1				
DDB341	9/1		RCVCK01P	7/1	202	SA021	8/1	100	SD201	8/1	100	TXCHD05P	4/1				
DDB351	9/1		RCVCK02M	7/1	202	SA031	8/1	100	SD211	8/1	100	TXCHD06M	4/1				
DIDLE10	9/1		RCVCK02P	7/1	202	SA041	8/1	100	SD221	8/1	100	TXCHD06P	4/1				
DINT100	1/2		RCVCK03M	7/1	202	SA051	8/1	100	SD231	8/1	100	TXCHD07M	4/1				
DINT110	9/1		RCVCK03P	7/1	202	SA061	8/1	100	SD241	8/1	100	TXCHD07P	4/1				
DIOAD100	9/1		RCVCK04M	7/1	202	SA071	8/1	100	SD251	8/1	100	TXCHD08M	4/1				
DIOAD110	9/1		RCVCK04P	7/1	202	SA081	8/1	100	SD261	8/1	100	TXCHD08P	4/1				
DIDAK100	9/1		RCVCK05M	7/1	202	SA091	8/1	100	SD271	8/1	100	TXCHD09M	4/1				
DIDAK110	9/1		RCVCK05P	7/1	202	SA101	8/1	100	SD281	8/1	100	TXCHD09P	4/1				
DKTYP01	7/1		RCVCK06M	7/1	202	SA111	8/1	100	SD291	8/1	100	TXDT00M	7/1	202			
DMAR100	1/2		RCVCK06P	7/1	202	SA121	8/1	100	SD301	8/1	100	TXDT00P	7/1	202			
DMAR110	9/1		RCVCK07M	7/1	202	SA131	8/1	100	SD311	8/1	100	TXDT01M	7/1	202			
DOOSN	1/2	115,116	RCVCK07P	7/1	202	SA141	8/1	100	SD321	10/1	100	TXDT01P	7/1	202			
DOOSP	1/2	115,116	RCVDT00M	7/1	202	SA151	8/1	100	SD331	10/1	100	TXDT02M	7/1	202			
DPWRCLRO	5/1		RCVDT00P	7/1	202	SA161	8/1	100	SD341	10/1	100	TXDT02P	7/1	202			
DRD10	9/1		RCVDT01M	7/1	202	SA171	8/1	100	SD351	10/1	100	TXDT03M	7/1	202			

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MAIN STORE, IO AND DFC UNIT

AT&T SD-4C099-01

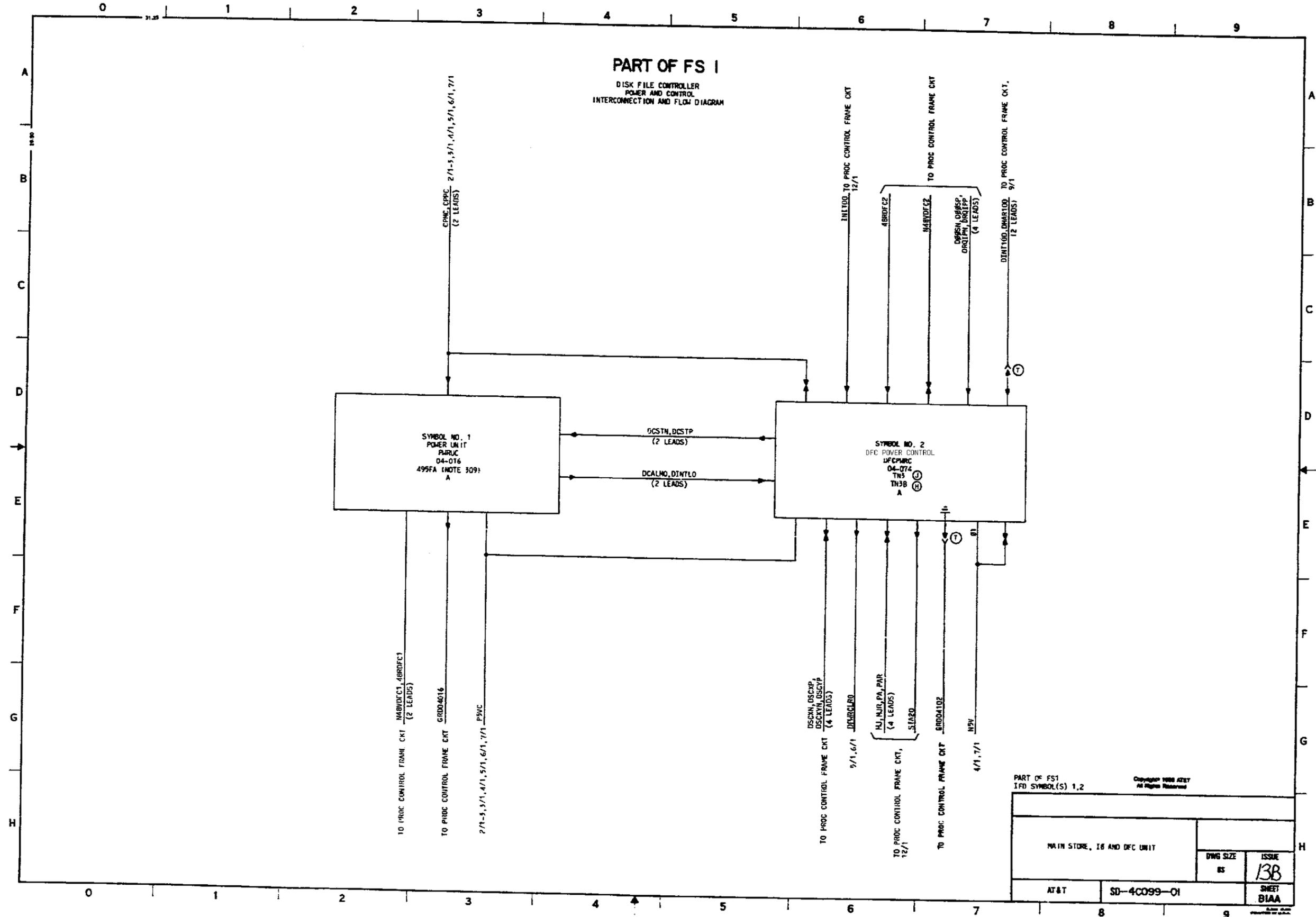
DWG SIZE 14M

ISSUE 14M

AT&T SD-4C099-01 A6

PRINTED IN U.S.A.

PART OF FS I
 DISK FILE CONTROLLER
 POWER AND CONTROL
 INTERCONNECTION AND FLOW DIAGRAM



PART OF FS I
 IFO SYMBOL(S) 1, 2

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MAIN STORE, IS AND DEC UNIT		DWG SIZE 85	ISSUE 138
AT&T	SD-4C099-01	SHEET B1AA	

PART OF FS 1
DISK FILE CONTROLLER
POWER AND CONTROL

SYMBOL NO. 1
POWER UNIT

SYMBOL NO. 1 (CONT)
POWER UNIT

SYMBOL NO. 1 (CONT)
POWER UNIT

SYMBOL NO. 2 (CONT)
DFC POWER CONTROL

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT						
PHRUC	04-016	495FA(NOTE 309)	A		PHRUC	04-016	495FA(NOTE 309)	A		PHRUC	04-016	495FA(NOTE 309)	A		DFCPWR	04-074	TN3	A	(J)						
DFCPWR	04-074	TN3	A	(H)	DFCPWR	04-074	TN3	A	(H)	DFCPWR	04-074	TN3	A	(H)	DFCPWR	04-074	TN3	A	(H)						
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE		
NC	I	RS4	010				GRD	-E01	332				PHR	-E01	346		1/1			I	STB100	106			
	I	SC	019				GRD	-E01	333				PHR	-E01	347		1/1			I	PALD10	115			
	I	RS3	109				GRD	-E01	334				PHR	-E01	348		1/1			I	TP310	123			
	I	+SB	118				GRD	-E01	335				PHR	+E01	349		1/1			I	BPPH	210			
	I	+SYNC	120				GRD	-E01	336				PHR	+E01	351		1/1			I	INAF10	214			
	I	-SYNC	121				GRD	-E01	337				PHR	+E01	352		1/1			I	INWF10	215			
	GRD	-E01	043				GRD	-E01	338				PHR	+E01	353		1/1			I	BPPP	310			
	GRD	-E01	143				GRD	-E01	339				PHR	+E01	354		1/1			I	SVAALM1	314			
	GRD	-E01	243				GRD	-E01	340				PHR	+E01	355		1/1			I	PAAB10	317			
CPMC	I	-E01	343				GRD	-E01	341				PHR	+E01	356		1/1			CPMC	IO	PEPRA	118	2/1,2/2	
CPPC	I	-CP	117	1/2			GRD	-E01	342				I	SA	018		1/1							2/3,3/1	
CPPC	I	+CP	017	1/2			PHR	-VIN	006				PHR	+E01	350		1/2,2/1							4/1,5/1	
DCALMO	O	ALM2	014	1/2			PHR	-VIN	007								2/2,2/3							6/1,7/1	
DESTN	I	RS2	110	1/2			PHR	-VIN	008								3/1,4/1							1/1	
DESTP	I	RS1	011	1/2			PHR	-VIN	106								5/1,6/1							7/1	
DINTLO	O	INT	112	1/2			PHR	-VIN	107								7/1								
GRD04016	DI	INT	012		TO PROC CONTROL FRAME CKT		PHR	-VIN	108																
	DI	ALM1	113				PHR	-VIN	206																
	I	-S	119				PHR	-VIN	207																
	GRD	FG	000				PHR	-VIN	208																
	GRD	FG	001				PHR	-VIN	306																
	GRD	-E01	032				PHR	-VIN	307																
	GRD	-E01	033				PHR	-VIN	308																
	GRD	-E01	034				PHR	-VIN	308																
	GRD	-E01	035				PHR	-VIN	307																
	GRD	-E01	036				PHR	-VIN	204																
	GRD	-E01	037				PHR	-VIN	205																
	GRD	-E01	038				PHR	-VIN	302																
	GRD	-E01	039				PHR	-VIN	303																
	GRD	-E01	040				PHR	-VIN	304																
	GRD	-E01	041				PHR	+E01	052																
	GRD	-E01	042				PHR	+E01	053																
	GRD	FG	100				PHR	+E01	054																
	GRD	FG	101				PHR	+E01	055																
	GRD	-E01	132				PHR	-E01	056																
	GRD	-E01	133				PHR	+E01	145																
	GRD	-E01	134				PHR	-E01	146																
	GRD	-E01	135				PHR	-E01	147																
	GRD	-E01	136				PHR	+E01	148																
	GRD	-E01	137				PHR	+E01	149																
	GRD	-E01	138				PHR	+E01	150																
	GRD	-E01	139				PHR	+E01	151																
	GRD	-E01	140				PHR	-E01	152																
	GRD	-E01	141				PHR	+E01	153																
	GRD	-E01	142				PHR	+E01	154																
	GRD	FG	200				PHR	+E01	155																
	GRD	FG	201				PHR	+E01	156																
	GRD	-E01	232				PHR	+E01	245																
	GRD	-E01	233				PHR	+E01	246																
	GRD	-E01	234				PHR	+E01	247																
	GRD	-E01	235				PHR	+E01	248																
	GRD	-E01	236				PHR	+E01	249																
	GRD	-E01	237				PHR	+E01	250																
	GRD	-E01	238				PHR	+E01	251																
	GRD	-E01	239				PHR	+E01	252																
	GRD	-E01	240				PHR	+E01	253																
	GRD	-E01	241				PHR	+E01	254																
	GRD	-E01	242				PHR	-E01	255																
	GRD	FG	300				PHR	-E01	256																
	GRD	FG	301				PHR	+E01	345																

SYMBOL NO. 2
DFC POWER CONTROL

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DFCPWR	04-074	TN3	A	(J)
DFCPWR	04-074	TN3B	A	(H)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
NC	PHR	PHRSHRPN	207		
	PHR	PHRSHRPN	305		
	O	STA500	006		
	O	STA400	007		
	O	PHRKO1	016		
	O	STCO0	021		
	O	TPB00	022		
	O	LMT00	117		
	O	EPALMOD	201		
	O	TP300	223		
	O	TP400	301		
	O	PMTS1	303		
	O	ROS00	313		
	O	TP200	323		
	I	PAEF10	009		
	I	PAEF10	010		
	I	PALD10	015		
	I	TPA00	023		

PART OF FS 1
SYMBOL(S) 1,2

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MAIN STORE, IO AND DFC UNIT		DWG SIZE	ISSUE
		12	13B
AT&T	SD-4099-01	B1CA	

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PART OF FS 1
DISK FILE CONTROLLER
POWER AND CONTROL

SYMBOL NO. 2 (CONT)
DFC POWER CONTROL

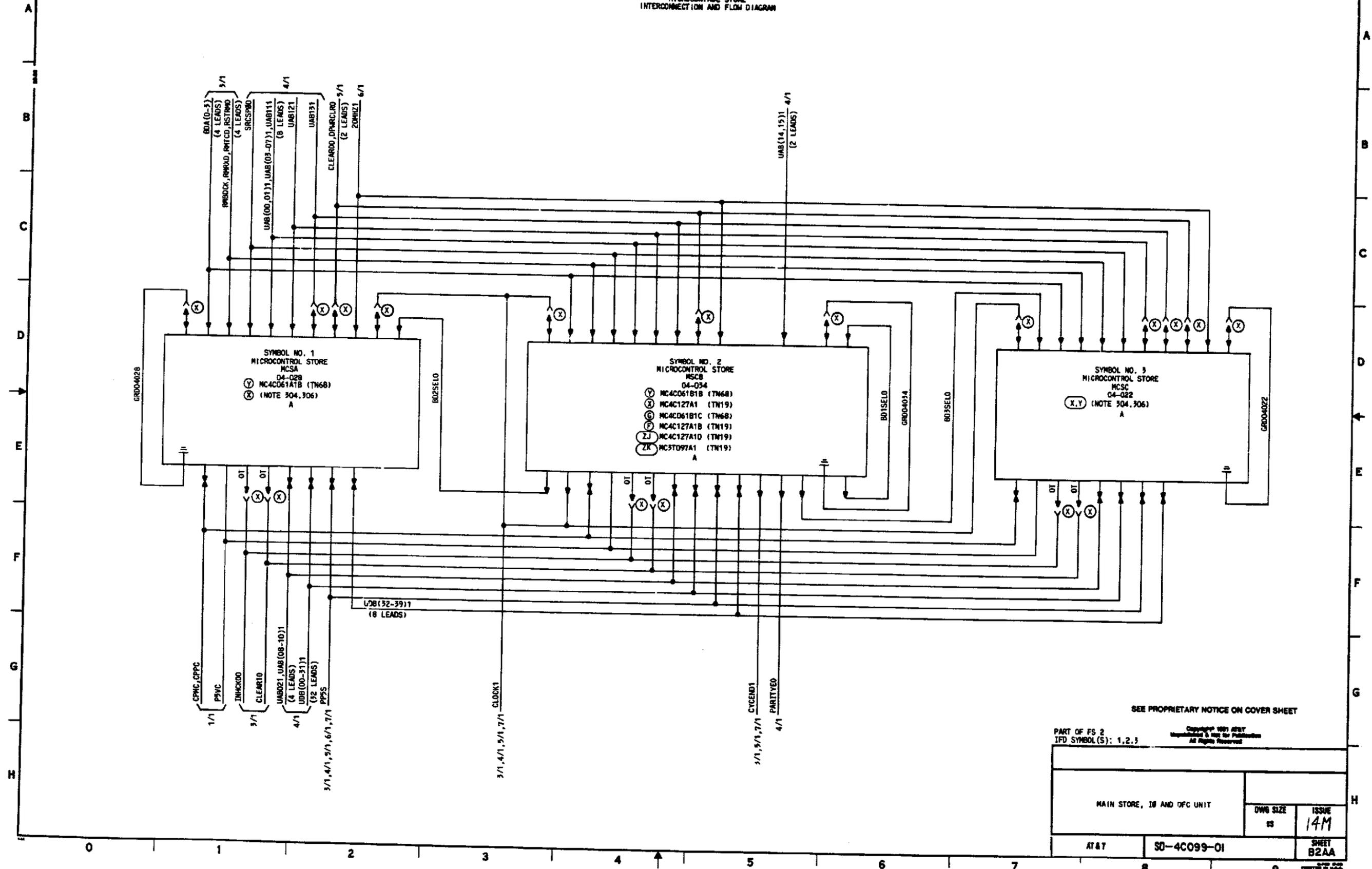
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFCPWRC	04-074	TN3	A	(J)
DFCPWRC	04-074	TN3B	A	(H)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
		GRD	312			
		GRD	324			
GRD04102	GRD		146	(T)	(T) 1/2 TO PROC CONTROL FRAME CKT	
INITD0	GRD	INITD00	147	(T)	(T) 1/2 12/1 TO PROC CONTROL FRAME CKT	
MJ	ID	MJ	321		12/1 TO PROC CONTROL FRAME CKT	
MJR	ID	MJR	221		12/1 TO PROC CONTROL FRAME CKT	
N48VDFC2	ID	N48VJ	003			
	ID	N48VJ	004		TO PROC CONTROL FRAME CKT	
N5V	OT	N5VA	322		1/2	
	ID	N5VAM	109		1/2	
PA	OT	N5VA	222		4/1, 7/1	
	ID	PA	319		12/1 TO PROC CONTROL FRAME CKT	
PAR	ID	PAR	219		12/1 TO PROC CONTROL FRAME CKT	
P5VC	PWR	VCC	000		1/1	
STA20	PWR	VCC	124		1/1	
	O	STA300	107		12/1 TO PROC CONTROL FRAME CKT	
48RDFC2	I	N48R	103		TO PROC CONTROL FRAME CKT	
	I	N48R	104			

PART OF FS 1
SYMBOL(S) 2

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MAIN STORE, IO AND DFC UNIT		DWG SIZE 2
		ISSUE 13B
AT&T	SD-4099-01	B1CB

PART OF FS 2
 MICROCONTROL STORE
 INTERCONNECTION AND FLOW DIAGRAM



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MAIN STORE, IS AND OFC UNIT		DWG SIZE IS	ISSUE 14M
AT&T	SD-4C099-01	SHEET B2AA	

PART OF FS 2
MICROCONTROL STORE

SYMBOL NO. 1
MICROCONTROL STORE

SYMBOL NO. 1 (CONT)
MICROCONTROL STORE

SYMBOL NO. 1 (CONT)
MICROCONTROL STORE

SYMBOL NO. 1						SYMBOL NO. 1 (CONT)						SYMBOL NO. 1 (CONT)								
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT		DESIG	EQPT LOC	CODE	ELEM IDENT	OPT		DESIG	EQPT LOC	CODE	ELEM IDENT	OPT				
MCSA	04-028	MC4C061A1B(TN68)	A	(Y)		MCSA	04-028	MC4C061A1B(TN68)	A	(Y)		MCSA	04-028	MC4C061A1B(TN68)	A	(Y)				
MCSA	04-028	(NOTE 304,306)	A	(X)		MCSA	04-028	(NOTE 304,306)	A	(X)		MCSA	04-028	(NOTE 304,306)	A	(X)				
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	0	CLK0A1	051				UD8051	10	UD8051	318				UD8051	10	UD8051	318			2/2,2/3
	0	CLK0C1	052																	4/1
	0	BD3SELO	054																	2/2,2/3
	0	PARITYE0	152																	4/1
	0	BD4SELO	154																	2/2,2/3
	0	CYCEND0	251																	4/1
	0	BD1SELO	233																	2/2,2/3
	0	CLK0K1	350																	4/1
	0	CLK0B1	351																	2/2,2/3
	0	CLK0D1	352																	4/1
	0	BD2SELO	353																	2/2,2/3
	I	BD5C0	056																	4/1
	I	STPCLK0	150																	2/2,2/3
	I	UAB141	249																	4/1
	I	BD0C51	256																	2/2,2/3
	I																			4/1
BD40	I		207		3/1															2/2,2/3
BD41	I		307		3/1															4/1
BD42	I		008		3/1															2/2,2/3
BD43	I		108		3/1															4/1
BD2SELO	I	ENC50	053		2/2															2/2,2/3
(CLEAR0)	I	CLEAR00	243		5/1															4/1
CLEAR10	OT	CLEAR10	043		OX															2/2,2/3
CLOCK1	I	CLK1	343		OX															4/1
CPMC	IO	PCPRA	042		1/2															2/2,2/3
CPFC	IO	PCPRB	040		1/2															4/1
DPNCLRO	I	PNRCLRO	241		OX															2/2,2/3
GR004-028	I	BOCC0	013		OX															4/1
	I	DEST41	116		OX															2/2,2/3
	I	SOURCE41	316		OX															4/1
	GRD		103																	2/2,2/3
	GRD	GRD	105																	4/1
	GRD	GRD	109																	2/2,2/3
	GRD	GRD	111																	4/1
	GRD	GRD	113																	2/2,2/3
	GRD	GRD	117																	4/1
	GRD	GRD	119																	2/2,2/3
	GRD	GRD	121																	4/1
	GRD	GRD	123																	2/2,2/3
	GRD	GRD	133																	4/1
	GRD	GRD	135																	2/2,2/3
	GRD	GRD	137																	4/1
	GRD	GRD	141																	2/2,2/3
	GRD	GRD	143																	4/1
	GRD	GRD	145																	2/2,2/3
	GRD	GRD	149																	4/1
	GRD	GRD	151																	2/2,2/3
	GRD	GRD	153																	4/1
	GRD	GRD	155																	2/2,2/3
	GRD	GRD	200																	4/1
	GRD	GRD	202																	2/2,2/3
	GRD	GRD	204																	4/1
	GRD	GRD	206																	2/2,2/3
	GRD	GRD	208																	4/1
	GRD	GRD	210																	2/2,2/3
	GRD	GRD	212																	4/1
	GRD	GRD	214																	2/2,2/3
	GRD	GRD	216																	4/1
	GRD	GRD	218																	2/2,2/3
	GRD	GRD	220																	4/1
	GRD	GRD	222																	2/2,2/3

PART OF FS 2
SYMBOL(S) 1

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MAIN STORE, IO AND DFC UNIT

AT&T SD-4C099-01 B2CA

DWG SIZE 2 ISSUE 138

AT&T SD-4C099-01 B2CA

PART OF FS 2
MICROCONTROL STORE

SYMBOL NO. 2
MICROCONTROL STORE

SYMBOL NO. 2 (CONT)
MICROCONTROL STORE

SYMBOL NO. 2 (CONT)
MICROCONTROL STORE

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MCSB	04-034	MC4C061B1B(TN68)	A	(Y)
MCSB	04-034	MC4C127A1(TN19)	A	(X)
MCSB	04-034	MC4C061B1C(TN68)	A	(G)
MCSB	04-034	MC4C127A1B(TN19)	A	(F)
MCSB	04-034	MC4C127A1D(TN19)	A	(ZJ)
MCSB	04-034	MC3T097A1(TN19)	A	(ZK)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MCSB	04-034	MC4C061B1B(TN68)	A	(Y)
MCSB	04-034	MC4C127A1(TN19)	A	(X)
MCSB	04-034	MC4C061B1C(TN68)	A	(G)
MCSB	04-034	MC4C127A1B(TN19)	A	(F)
MCSB	04-034	MC4C127A1D(TN19)	A	(ZJ)
MCSB	04-034	MC3T097A1(TN19)	A	(ZK)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MCSB	04-034	MC4C061B1B(TN68)	A	(Y)
MCSB	04-034	MC4C127A1(TN19)	A	(X)
MCSB	04-034	MC4C061B1C(TN68)	A	(G)
MCSB	04-034	MC4C127A1B(TN19)	A	(F)
MCSB	04-034	MC4C127A1D(TN19)	A	(ZJ)
MCSB	04-034	MC3T097A1(TN19)	A	(ZK)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	0	CLKDA1	051			
	0	CLKDC1	052			
	0	BD4SELO	154			
	0	CLKOB1	351			
	0	CLKOD1	352			
	I	STPCLK0	150			
BDA0	I	BDCS1	256			
BDA1	I		207		3/1	
	I		307		3/1	
BDA2	I		008		3/1	
BDA3	I		108		3/1	
BD1SELO	0	BD1SELO	253			
BD2SELO	I	ENCS0	053			
BD3SELO	0	BD2SELO	353		2/1	
	0	BD3SELO	054		2/3	
CLEAR00	I	CLEAR00	243	(X)	5/1	
CLEAR10	OT	CLEAR10	043	(X)	3/1	
CLOCK1	I	CLK1	343	(X)	2/2	
	0	CLOCK1	350		4/1, 3/1	
					5/1, 7/1	
					(X)2/1, (X)2/2	
					(X)2/3	
CPHC	IO	PCPRA	012		1/2	
CPPC	IO	PCPRB	040		1/2	
CYCEND1	0	CYCEND1	251		3/1, 5/1	
DPHRCLO	I	PHRCLO	241	(X)	7/1	
GRD-034	I	DEST41	116	(X)	5/1	
	I	SOURCE41	316	(X)		
	GRD	GRD	103			
	GRD	GRD	105			
	GRD	GRD	109			
	GRD	GRD	111			
	GRD	GRD	113			
	GRD	GRD	117			
	GRD	GRD	119			
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	133			
	GRD	GRD	135			
	GRD	GRD	137			
	GRD	GRD	141			
	GRD	GRD	143			
	GRD	GRD	145			
	GRD	GRD	149			
	GRD	GRD	151			
	GRD	GRD	153			
	GRD	GRD	155			
	GRD	GRD	206			
	GRD	GRD	202			
	GRD	GRD	204			
	GRD	GRD	206			
	GRD	GRD	208			
	GRD	GRD	210			
	GRD	GRD	212			
	GRD	GRD	214			
	GRD	GRD	216			
	GRD	GRD	218			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	220			
	GRD	GRD	222			
	GRD	GRD	224			
	GRD	GRD	232			
	GRD	GRD	234			
	GRD	GRD	236			
	GRD	GRD	238			
	GRD	GRD	240			
	GRD	GRD	242			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	248			
	GRD	GRD	250			
	GRD	GRD	252			
	GRD	GRD	254			
	GRD	GRD	324			
	GRD	GRD	332			
	GRD	GRD	356			
INHCK00	GRD	GRD	101		(X)2/2	
OT	INHCK00	041		(X)	3/1	
PARITYE0	OT	PARITYE0	152		4/1	
PP5S	IO	P5S	044		2/1	
P5VC	PHR	VCC	000		1/1	
	PHR	VCC	032		1/1	
	PHR	VCC	107		1/1	
	PHR	VCC	115		1/1	
	PHR	VCC	124		1/1	
	PHR	VCC	139		1/1	
	PHR	VCC	147		1/1	
	PHR	VCC	156		1/1	
RMBDCK	I		106		3/1	
RMRXD	I		306		2/1	
RMTXD	I		007		3/1	
RSTRM0	I		006		3/1	
SRCSP00	I	SRCSP00	309		4/1	
UAB001	I	UAB001	344		4/1	
UAB011	I	UAB011	045		4/1	
UAB021	IO	UAB021	245		4/1	
UAB031	I	UAB031	345		4/1	
UAB041	I	UAB041	046		4/1	
UAB051	I	UAB051	146		4/1	
UAB061	I	UAB061	346		4/1	
UAB071	I	UAB071	047		4/1	
UAB081	IO	UAB081	247		4/1	
UAB091	IO	UAB091	347		4/1	
UAB101	IO	UAB101	048		4/1	
UAB111	I	UAB111	148		4/1	
UAB121	I	UAB121	348		4/1	
UAB131	I	UAB131	049		4/1	
UAB141	I	UAB141	249		4/1	
UAB151	I	BDS5C0	056		4/1	
UDB001	IO	UDB001	017		2/1	
UDB011	IO	UDB011	217		2/1	
UDB021	IO	UDB021	317		2/1	
UDB031	IO	UDB031	018		2/1	
UDB041	IO	UDB041	118		2/1	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
UDB051	IO	UDB051	318		2/1	
UDB061	IO	UDB061	019		2/1	
UDB071	IO	UDB071	219		2/1	
UDB081	IO	UDB081	319		2/1	
UDB091	IO	UDB091	020		2/1	
UDB101	IO	UDB101	120		2/1	
UDB111	IO	UDB111	320		2/1	
UDB121	IO	UDB121	021		2/1	
UDB131	IO	UDB131	221		2/1	
UDB141	IO	UDB141	321		2/1	
UDB151	IO	UDB151	022		2/1	
UDB161	IO	UDB161	122		2/1	
UDB171	IO	UDB171	322		2/1	
UDB181	IO	UDB181	023		2/1	
UDB191	IO	UDB191	223		2/1	
UDB201	IO	UDB201	323		2/1	
UDB211	IO	UDB211	024		2/1	
UDB221	IO	UDB221	132		2/1	
UDB231	IO	UDB231	033		2/1	
UDB241	IO	UDB241	233		2/1	
UDB251	IO	UDB251	333		2/1	
UDB261	IO	UDB261	034		2/1	
UDB271	IO	UDB271	134		2/1	
UDB281	IO	UDB281	334		2/1	
UDB291	IO	UDB291	035		2/1	
UDB301	IO	UDB301	235		2/1	
UDB311	IO	UDB311	335		2/1	
UDB321	IO	UDB321	036		2/1	
UDB331	IO	UDB331	136		2/1	
UDB341	IO	UDB341	336		2/1	
UDB351	IO	UDB351	037		2/1	
UDB361	IO	UDB361	237		2/1	
UDB371	IO	UDB371	337		2/1	
UDB381	IO	UDB381	038		2/1	
UDB391	IO	UDB391	138		2/1	
Z0MHZ1	I	Z0MHZ1	144		6/1	

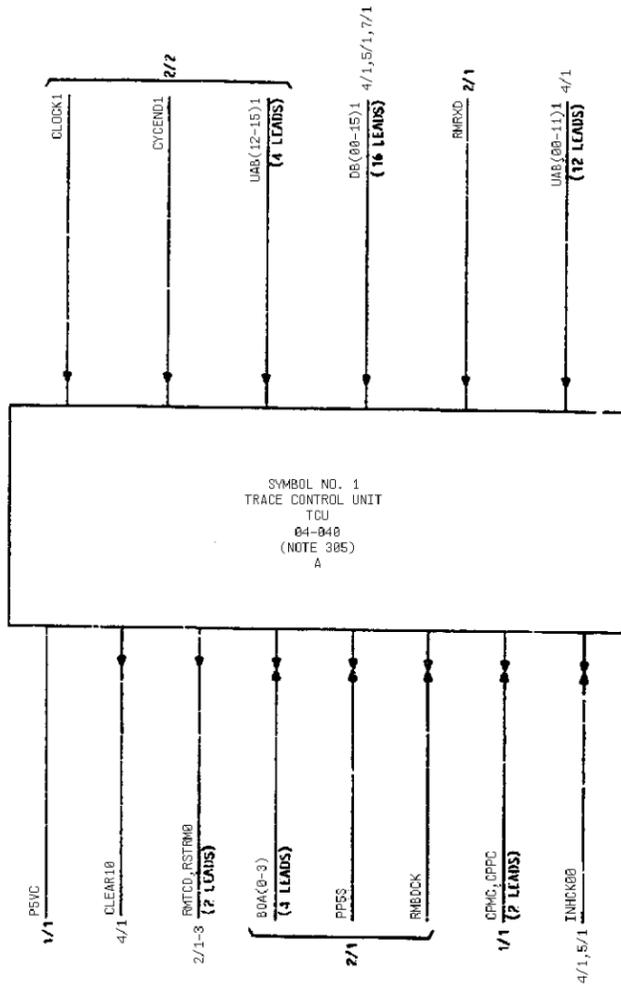
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SYMBOL(S) 2
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AT&T	ISSUE 14M
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PART OF FS 3

TRACE AND CONTROL UNIT
INTERCONNECTION AND FLOW DIAGRAM



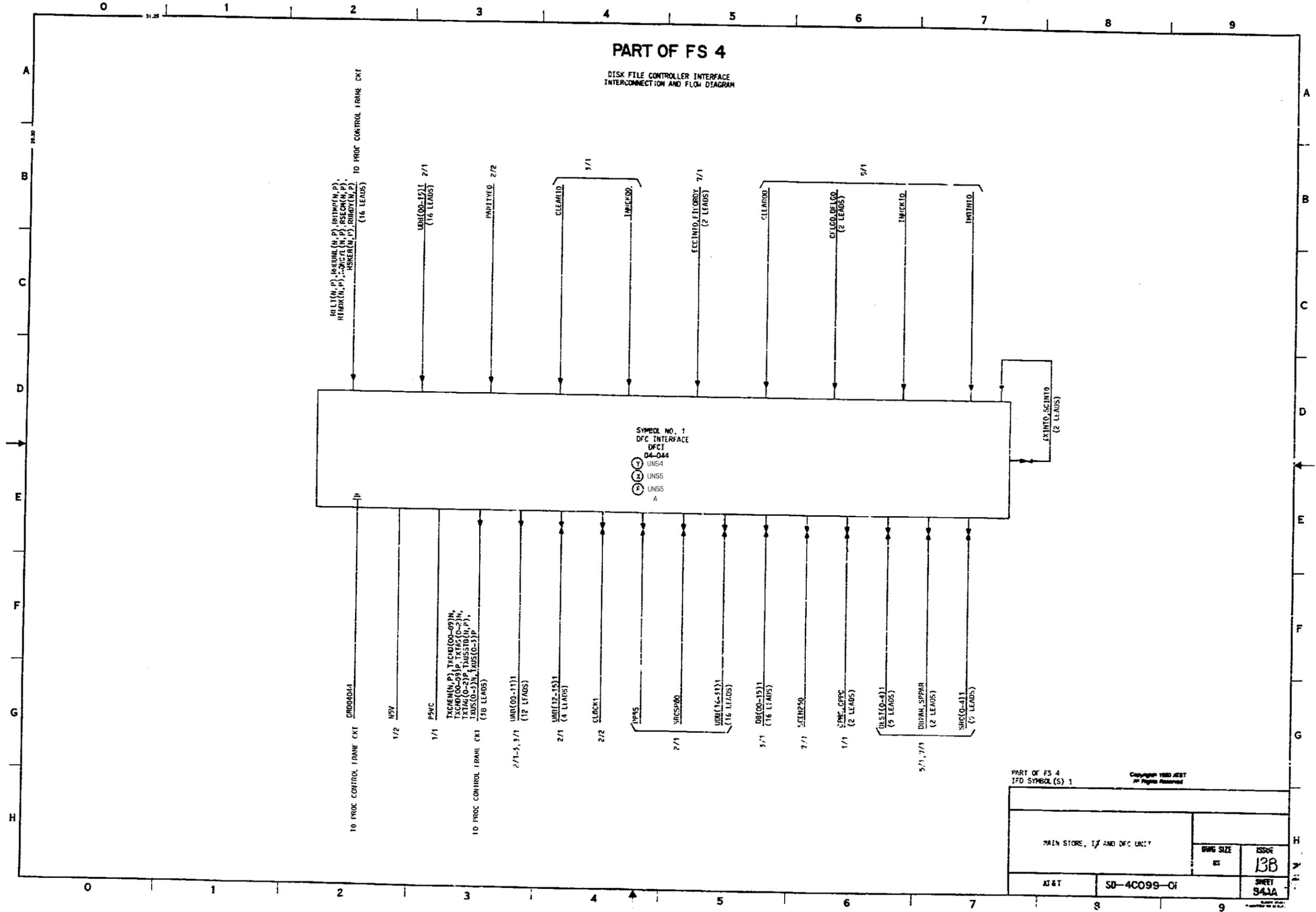
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IFD SYMBOL(S) 1

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PART STORE, IS AND OFC UNIT		DWG SIZE 85	ISSUE 13B
AET	SU-4C099-01	SHEET B3AA	

PART OF FS 4

DISK FILE CONTROLLER INTERFACE
INTERCONNECTION AND FLOW DIAGRAM



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AT&T	SD-4C099-01	SHEET 344A	

PART OF FS 4
DISK FILE CONTROLLER INTERFACE

SYMBOL NO. 1
DFC INTERFACE

SYMBOL NO. 1 (CONT)
DFC INTERFACE

SYMBOL NO. 1 (CONT)
DFC INTERFACE

SYMBOL NO. 1 (CONT)
DFC INTERFACE

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DFCI	04-044	UN54	A	(Y)
DFCI	04-044	UN55	A	(X)
DFCI	04-044	UN55	A	(F)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	0	TXCMD100	419			
	0	TXCMD101	519			
	1	ENSEG1	010			
	1	COU11	011			
	1	UDR201	013			
	1	UDR231	014			
	1	UDR261	015			
	1	UDR291	016			
	1	PPRB	040			
	1	PPRA	042			
	1	DIRECT11	053			
	1	INT30	054			
	1	INT20	055			
	1	ENALU1	110			
	1	TCRST0	112			
	1	ZER01	113			
	1	UDP241	114			
	1	SINT20	144			
	1	INT40	154			
	1	OVFL01	211			
	1	UDR211	213			
	1	UDR271	215			
	1	UDR301	216			
	1	INT10	255			
	1	ENASEL1	310			
	1	NEG1	311			
	1	UDR221	313			
	1	UDR251	314			
	1	UDR281	315			
	1	UDR311	316			
	1	INT00	355			
	1	PHRS00	542			
	1	INT60	353			
CFLG0						
CLEAR00		CLEAR00	056		5/1	
CLEAR10		CLEAR10	156		3/1	
CLOCK1	10	CLOCK1	350		2/2	
CPMC	10	PCPRA	343		1/2	
CPPC	10	PCPRB	043		1/2	
DBPAR	10	DBPAR	106		5/1,7/1	
DB001	10	DB001	101		5/1,7/1	
					3/1	
DB011	10	DB011	001		5/1,7/1	
					3/1	
DB021	10	DB021	201		5/1,7/1	
					3/1	
DB031	10	DB031	301		5/1,7/1	
					3/1	
DB041	10	DB041	002		5/1,7/1	
					3/1	
DB051	10	DB051	202		5/1,7/1	
					3/1	
DB061	10	DB061	302		5/1,7/1	
					3/1	
DB071	10	DB071	103		5/1,7/1	
					3/1	
DB081	10	DB081	203		5/1,7/1	
					3/1	
DB091	10	DB091	303		5/1,7/1	
					3/1	
DB101	10	DB101	004		5/1,7/1	
					3/1	
DB111	10	DB111	104		5/1,7/1	
					3/1	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
DB121	10	DB121	204		5/1,7/1	
					3/1	
DB131	10	DB131	005		5/1,7/1	
					3/1	
DB141	10	DB141	105		5/1,7/1	
					3/1	
DB151	10	DB151	305		5/1,7/1	
					3/1	
DEST01	10	DEST01	008		5/1,7/1	
DEST11	10	DEST11	108		5/1,7/1	
DEST21	10	DEST21	308		5/1,7/1	
DEST31	10	DEST31	009		5/1,7/1	
DEST41	10	DEST41	309		5/1,7/1	
DFLG0						
ECCINT0	1	TEST01	051		5/1	
FIFORDY	1	INT30	354		7/1	
	1	TEST31	152		7/1	
GR00404	GRD	GRD	003		TO PROC CONTROL FRAME DKT	
	GRD	GRD	006			
	GRD	GRD	012			
	GRD	GRD	017			
	GRD	GRD	022			
	GRD	GRD	033			
	GRD	GRD	037			
	GRD	GRD	041			
	GRD	GRD	048			
	GRD	GRD	052			
	GRD	GRD	102			
	GRD	GRD	107			
	GRD	GRD	109			
	GRD	GRD	111			
	GRD	GRD	116			
	GRD	GRD	119			
	GRD	GRD	136			
	GRD	GRD	139			
	GRD	GRD	143			
	GRD	GRD	146			
	GRD	GRD	153			
	GRD	GRD	205			
	GRD	GRD	209			
	GRD	GRD	214			
	GRD	GRD	218			
	GRD	GRD	221			
	GRD	GRD	236			
	GRD	GRD	239			
	GRD	GRD	243			
	GRD	GRD	247			
	GRD	GRD	252			
	GRD	GRD	300			
	GRD	GRD	304			
	GRD	GRD	307			
	GRD	GRD	312			
	GRD	GRD	317			
	GRD	GRD	322			
	GRD	GRD	332			
	GRD	GRD	335			
	GRD	GRD	339			
	GRD	GRD	344			
	GRD	GRD	347			
GRD0404	GRD	GRD	003		TO PROC CONTROL FRAME DKT	
	GRD	GRD	006			
	GRD	GRD	012			
	GRD	GRD	017			
	GRD	GRD	022			
	GRD	GRD	033			
	GRD	GRD	037			
	GRD	GRD	041			
	GRD	GRD	048			
	GRD	GRD	052			
	GRD	GRD	102			
	GRD	GRD	107			
	GRD	GRD	109			
	GRD	GRD	111			
	GRD	GRD	116			
	GRD	GRD	119			
	GRD	GRD	136			
	GRD	GRD	139			
	GRD	GRD	143			
	GRD	GRD	146			
	GRD	GRD	153			
	GRD	GRD	205			
	GRD	GRD	209			
	GRD	GRD	214			
	GRD	GRD	218			
	GRD	GRD	221			
	GRD	GRD	236			
	GRD	GRD	239			
	GRD	GRD	243			
	GRD	GRD	247			
	GRD	GRD	252			
	GRD	GRD	300			
	GRD	GRD	304			
	GRD	GRD	307			
	GRD	GRD	312			
	GRD	GRD	317			
	GRD	GRD	322			
	GRD	GRD	332			
	GRD	GRD	335			
	GRD	GRD	339			
	GRD	GRD	344			
	GRD	GRD	347			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRD	GRD	GRD	351			
GRD	GRD	GRD	424			
GRD	GRD	GRD	432			
GRD	GRD	GRD	456			
GRD	GRD	GRD	524			
GRD	GRD	GRD	532			
GRD	GRD	GRD	556			
INHCK00	1	INHCK00	050		3/1	
INHCK10	1	INHCK10	150		5/1	
IXINT0	1	TEST11	251			
IO	IO	IXINT0	446			
NSV	PHR	NSV	444		1/2	
PHR	PHR	NSV	445		1/2	
PARITYE0	1	PARITYE0	352		2/2	
PPSS	10	PPSS	044		2/1	
PHR	PHR	VCC	000		1/1	
PHR	PHR	VCC	032		1/1	
PHR	PHR	VCC	100		1/1	
PHR	PHR	VCC	124		1/1	
PHR	PHR	VCC	132		1/1	
PHR	PHR	VCC	210		1/1	
PHR	PHR	VCC	224		1/1	
PHR	PHR	VCC	236		1/1	
PHR	PHR	VCC	324		1/1	
PHR	PHR	VCC	356		1/1	
PHR	PHR	VCC	442		1/1	
PHR	PHR	VCC	542		1/1	
RFLTN	1	RFLT0	439		TO PROC CONTROL FRAME DKT	
RFLTP	1	RFLT1	539		TO PROC CONTROL FRAME DKT	
RHDUNLN	1	RADRMK0	423		TO PROC CONTROL FRAME DKT	
RHDUNLP	1	RADRMK1	523		TO PROC CONTROL FRAME DKT	
RHTMPPN	1	RHPRO0	437		TO PROC CONTROL FRAME DKT	
RHTMPP	1	RHPRO1	537		TO PROC CONTROL FRAME DKT	
RINDXN	1	RINDX0	433		TO PROC CONTROL FRAME DKT	
RINDXP	1	RINDX1	533		TO PROC CONTROL FRAME DKT	
RONCYLN	1	RONCYL0	436		TO PROC CONTROL FRAME DKT	
RONCYLP	1	RONCYL1	536		TO PROC CONTROL FRAME DKT	
RSECHN	1	RSECH0	434		TO PROC CONTROL FRAME DKT	
RSECHP	1	RSECH1	534		TO PROC CONTROL FRAME DKT	
RSKERN	1	RSKERO	438		TO PROC CONTROL FRAME DKT	
RSKERP	1	RSKER1	538		TO PROC CONTROL FRAME DKT	
RURDYN	1	RURDY0	435		TO PROC CONTROL FRAME DKT	
RURDYP	1	RURDY1	535		TO PROC CONTROL FRAME DKT	
SCEN250	10	SCEN250	545			
SCINT0	1	TEST21	151		7/1	

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PART OF FS 4
DISK FILE CONTROLLER INTERFACE

SYMBOL NO. 1 (CONT)
DFC INTERFACE

SYMBOL NO. 1 (CONT)
DFC INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFCI	04-044	UN54	A	(Y)
DFCI	04-044	UN55	A	(X)
DFCI	04-044	UN55	A	(F)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFCI	04-044	UN54	A	(Y)
DFCI	04-044	UN55	A	(X)
DFCI	04-044	UN55	A	(F)

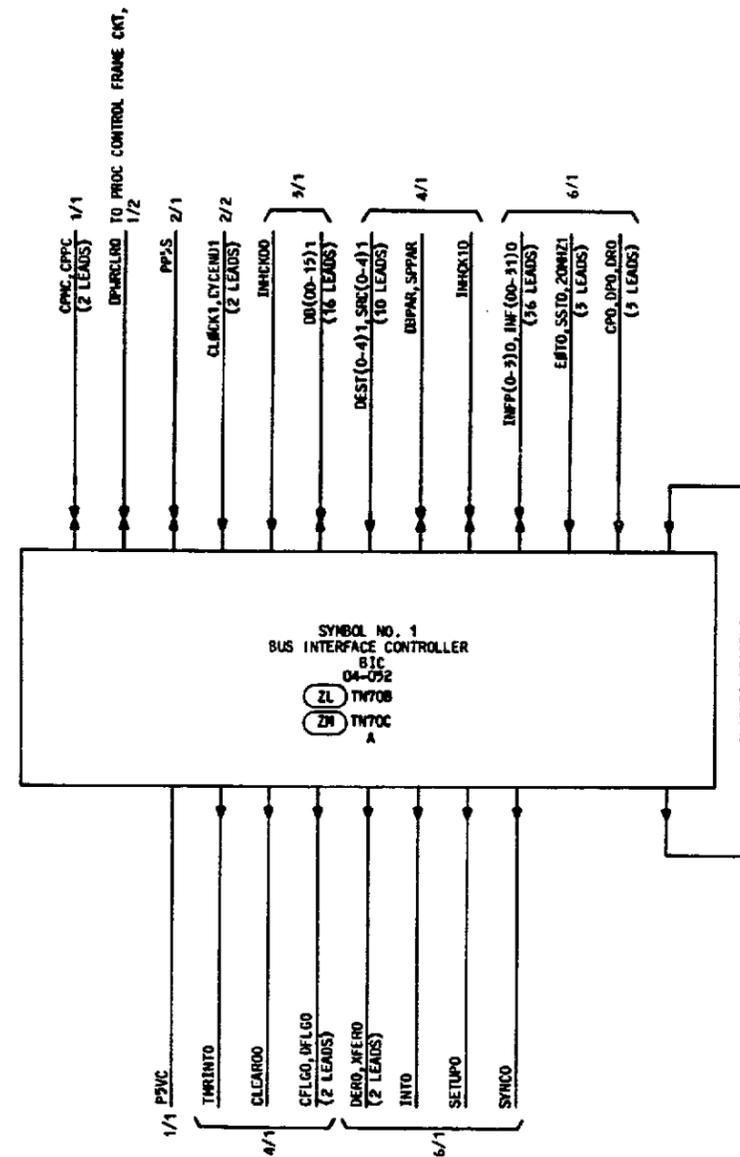
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
TXTAG0N	0	TXTAG00	405	TO PROC CONTROL FRAME DCT	
TXTAG0P	0	TXTAG01	505	TO PROC CONTROL FRAME DCT	
TXTAG1N	0	TXTAG10	406	TO PROC CONTROL FRAME DCT	
TXTAG1P	0	TXTAG11	506	TO PROC CONTROL FRAME DCT	
TXTAG2N	0	TXTAG20	407	TO PROC CONTROL FRAME DCT	
TXTAG2P	0	TXTAG21	507	TO PROC CONTROL FRAME DCT	
TXUSSTBN	0	TXUSSTB0	400	TO PROC CONTROL FRAME DCT	
TXUSSTBP	0	TXUSSTB1	500	TO PROC CONTROL FRAME DCT	
TXUS0N	0	TXUS00	401	TO PROC CONTROL FRAME DCT	
TXUS0P	0	TXUS01	501	TO PROC CONTROL FRAME DCT	
TXUS1N	0	TXUS10	402	TO PROC CONTROL FRAME DCT	
TXUS1P	0	TXUS11	502	TO PROC CONTROL FRAME DCT	
TXUS2N	0	TXUS20	403	TO PROC CONTROL FRAME DCT	
TXUS2P	0	TXUS21	503	TO PROC CONTROL FRAME DCT	
TXUS3N	0	TXUS30	404	TO PROC CONTROL FRAME DCT	
TXUS3P	0	TXUS31	504	TO PROC CONTROL FRAME DCT	
UAB001	0	UAB001	244	2/1,2/2 2/3,3/1	
UAB011	0	UAB011	045	2/1,2/2 2/3,3/1	
UAB021	0	UAB021	145	2/1,2/2 2/3,3/1	
UAB031	0	UAB031	245	2/1,2/2 2/3,3/1	
UAB041	0	UAB041	046	2/1,2/2 2/3,3/1	
UAB051	0	UAB051	246	2/1,2/2 2/3,3/1	
UAB061	0	UAB061	345	2/1,2/2 2/3,3/1	
UAB071	0	UAB071	047	2/1,2/2 2/3,3/1	
UAB081	0	UAB081	147	2/1,2/2 2/3,3/1	
UAB091	0	UAB091	346	2/1,2/2 2/3,3/1	
UAB101	0	UAB101	148	2/1,2/2 2/3,3/1	
UAB111	0	UAB111	248	2/1,2/2 2/3,3/1	
UAB121	10	UAB121	348	2/1,2/2 3/1,OX2/3	
UAB131	10	UAB131	049	2/2,3/1 OX2/1,OX2/3	
UAB141	10	UAB141	249	2/2,3/1	
UAB151	10	UAB151	349	2/2,3/1	
UDB001	I	UDB001	117	2/1	
UDB011	I	UDB011	217	2/1	
UDB021	I	UDB021	115	2/1	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
UDB031	I	UDB031	018	2/1	
UDB041	I	UDB041	118	2/1	
UDB051	I	UDB051	318	2/1	
UDB061	I	UDB061	019	2/1	
UDB071	I	UDB071	219	2/1	
UDB081	I	UDB081	319	2/1	
UDB091	I	UDB091	020	2/1	
UDB101	I	UDB101	120	2/1	
UDB111	I	UDB111	320	2/1	
UDB121	I	UDB121	021	2/1	
UDB131	I	UDB131	121	2/1	
UDB141	I	UDB141	321	2/1	
UDB151	I	UDB151	122	2/1	
UDB161	10	UDB161	222	2/1	
UDB171	10	UDB171	123	2/1	
UDB181	10	UDB181	023	2/1	
UDB191	10	UDB191	223	2/1	
UDB201	10	UDB201	323	2/1	
UDB211	10	UDB211	024	2/1	
UDB221	10	UDB221	232	2/1	
UDB231	10	UDB231	133	2/1	
UDB241	10	UDB241	233	2/1	
UDB251	10	UDB251	333	2/1	
UDB261	10	UDB261	034	2/1	
UDB271	10	UDB271	134	2/1	
UDB281	10	UDB281	234	2/1	
UDB291	10	UDB291	035	2/1	
UDB301	10	UDB301	135	2/1	
UDB311	10	UDB311	235	2/1	

PART OF FS 4
SYMBOL(S) 1

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MAIN STORE, IO AND DFC UNIT		DISK SIZE 2
		ISSUE 13B
AT&T	SD-4099-01	B4CB

PART OF FS 5
 BUS INTERFACE CONTROLLER
 INTERCONNECTION AND FLOW DIAGRAM



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PART OF FS 5
 IFD SYMBOL(S) 1

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MAIN STORE, IS AND DFC UNIT		OWB SIZE 68	ISSUE 14M
AT&T	SD-4C099-01	SHEET B5AA	

PART OF FS 5
BUS INTERFACE CONTROLLER

SYMBOL NO. 1
BUS INTERFACE CONTROLLER

SYMBOL NO. 1 (CONT)
BUS INTERFACE CONTROLLER

SYMBOL NO. 1 (CONT)
BUS INTERFACE CONTROLLER

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
BIC	04-052	TN70B	A	(ZL)
BIC	04-052	TN70C	A	(ZM)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
BIC	04-052	TN70B	A	(ZL)
BIC	04-052	TN70C	A	(ZM)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
BIC	04-052	TN70B	A	(ZL)
BIC	04-052	TN70C	A	(ZM)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	0	SNTVER01	311			
	0	TMH200	314			
	1	MYADD011	011			
	1	MYADD111	012			
	1	MYADD211	013			
	1	MYADD311	014			
	1	PWRINTLK	322			
	1	PWRINTLK	323			
	GRD	GRD	016			
	GRD	GRD	018			
	GRD	GRD	351			
CFLG0	0	CFLG00	110		4/1	
CLEAR00	0	RSTP1C00	017		4/1, (X)2/1	
CLOCK1	1	CLOCK11	350		(X)2/2, (X)2/3	
CPMC	10	LIMIT0	024		2/2	
					1/2	
CPPC	10	LIMIT1	023		1/2	
CP0	1	CP10	319		6/1	
CYCEND1	1	CYCEND11	251		2/2	
DBPAR	10	DBPLB1	006		4/1	
DB001	10	DB00B1	300		4/1	
DB011	10	DB01B1	001		4/1	
DB021	10	DB02B1	201		4/1	
DB031	10	DB03B1	301		4/1	
DB041	10	DB04B1	002		4/1	
DB051	10	DB05B1	102		4/1	
DB061	10	DB06B1	302		4/1	
DB071	10	DB07B1	003		4/1	
DB081	10	DB08B1	203		4/1	
DB091	10	DB09B1	303		4/1	
DB101	10	DB10B1	004		4/1	
DB111	10	DB11B1	104		4/1	
DB121	10	DB12B1	304		4/1	
DB131	10	DB13B1	005		4/1	
DB141	10	DB14B1	205		4/1	
DB151	10	DB15B1	305		4/1	
DER0	0	ER00	020		6/1	
DEST01	1	DST011	008		4/1	
DEST11	1	DST111	108		4/1	
DEST21	1	DST211	308		4/1	
DEST31	1	DST311	009		4/1	
DEST41	1	DST411	209		4/1	
DPLG0	0	DPLG00	010		4/1	
DPRCLR0	10	PWRCLR10	344		1/2	
					6/1, (X)2/1	
					(X)2/2, (X)2/3	
					TO PROC CONTROL	
					FRAME CKT	
DP0	1	DP10	219		6/1	
DR0	1	DR10	019		6/1	
EOT0	1	EOT10	118		6/1	
GRD04052	GRD	GRD	101			
	GRD	GRD	103			
	GRD	GRD	105			
	GRD	GRD	109			
	GRD	GRD	111			
	GRD	GRD	113			
	GRD	GRD	116			
	GRD	GRD	117			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	119			
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	133			
	GRD	GRD	135			
	GRD	GRD	137			
	GRD	GRD	141			
	GRD	GRD	143			
	GRD	GRD	145			
	GRD	GRD	149			
	GRD	GRD	151			
	GRD	GRD	153			
	GRD	GRD	155			
	GRD	GRD	200			
	GRD	GRD	202			
	GRD	GRD	204			
	GRD	GRD	206			
	GRD	GRD	208			
	GRD	GRD	210			
	GRD	GRD	212			
	GRD	GRD	214			
	GRD	GRD	215			
	GRD	GRD	216			
	GRD	GRD	217			
	GRD	GRD	218			
	GRD	GRD	220			
	GRD	GRD	222			
	GRD	GRD	224			
	GRD	GRD	232			
	GRD	GRD	234			
	GRD	GRD	236			
	GRD	GRD	238			
	GRD	GRD	240			
	GRD	GRD	242			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	248			
	GRD	GRD	250			
	GRD	GRD	252			
	GRD	GRD	254			
	GRD	GRD	315			
	GRD	GRD	317			
	GRD	GRD	324			
	GRD	GRD	332			
	GRD	GRD	349			
INCTR1	GRD	GRD	356			
	0	0.2MHZ00	313			
	1	INCTR10	213			
INFP00	10	INFP0B0	354		6/1	
INFP10	10	INFP1B0	154		6/1	
INFP20	10	INFP2B0	342		6/1	
INFP30	10	INFP3B0	142		6/1	
INF000	10	INF00B0	134		6/1	
INF010	10	INF01B0	035		6/1	
INF020	10	INF02B0	136		6/1	
INF030	10	INF03B0	037		6/1	
INF040	10	INF04B0	138		6/1	
INF050	10	INF05B0	039		6/1	
INF060	10	INF06B0	140		6/1	
INF070	10	INF07B0	041		6/1	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
INF080	10	INF08B0	334		6/1	
INF090	10	INF09B0	235		6/1	
INF100	10	INF10B0	336		6/1	
INF110	10	INF11B0	237		6/1	
INF120	10	INF12B0	338		6/1	
INF130	10	INF13B0	239		6/1	
INF140	10	INF14B0	340		6/1	
INF150	10	INF15B0	241		6/1	
INF160	10	INF16B0	146		6/1	
INF170	10	INF17B0	047		6/1	
INF180	10	INF18B0	148		6/1	
INF190	10	INF19B0	049		6/1	
INF200	10	INF20B0	150		6/1	
INF210	10	INF21B0	051		6/1	
INF220	10	INF22B0	152		6/1	
INF230	10	INF23B0	053		6/1	
INF240	10	INF24B0	346		6/1	
INF250	10	INF25B0	247		6/1	
INF260	10	INF26B0	347		6/1	
INF270	10	INF27B0	348		6/1	
INF280	10	INF28B0	249		6/1	
INF290	10	INF29B0	352		6/1	
INF300	10	INF30B0	253		6/1	
INF310	10	INF31B0	353		6/1	
INHCK00	1	INHCK010	055		3/1	
INHCK10	10	INHCK110	255		4/1	
INT0	0	INT00	321		6/1	
PICFER1	0	PICFERO	114			
	1	FRCRST11	015			
PPSS	10	PSS01	044		2/1	
P5VC	PWR	VCC	000		1/1	
	PWR	VCC	032		1/1	
	PWR	VCC	107		1/1	
	PWR	VCC	115		1/1	
	PWR	VCC	124		1/1	
	PWR	VCC	139		1/1	
	PWR	VCC	147		1/1	
	PWR	VCC	156		1/1	
SETUP0	0	SETUP00	022		6/1	
SPPAR	10	DBPHB1	100		4/1	
SRC01	1	SRC011	106		4/1	
SRC11	1	SRC111	306		4/1	
SRC21	1	SRC211	007		4/1	
SRC31	1	SRC311	207		4/1	
SRC41	1	SRC411	307		4/1	
SST0	1	SST10	318		6/1	
SYNCO	0	SYNCO0	221		6/1	
THRINT0	0	THRINT00	310		4/1	
XFER0	0	XFER00	021		6/1	
Z0MHZ1	1	Z0MHZ11	316		6/1	

PART OF FS 5
SYMBOL(S) 1

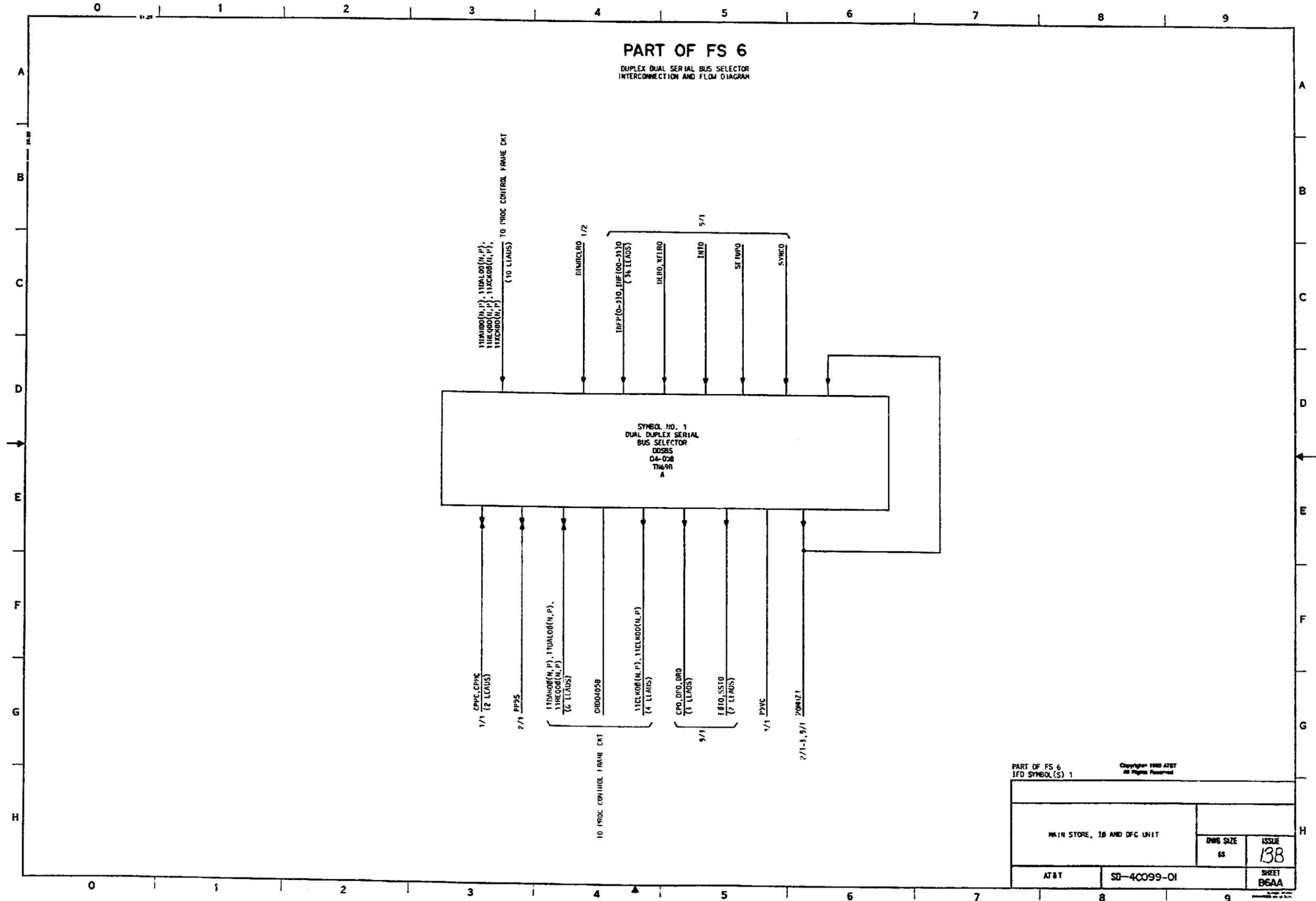
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PART OF FS 6

DUPLIX DUAL SERIAL BUS SELECTOR
INTERCONNECTION AND FLOW DIAGRAM



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AT&T	SD-40099-01	SHEET B6AA	

PART OF FS 6
DUPLEX DUAL SERIAL BUS SELECTOR

SYMBOL NO. 1
DUAL DUPLEX SERIAL
BUS SELECTOR

SYMBOL NO. 1 (CONT)
DUAL DUPLEX SERIAL
BUS SELECTOR

SYMBOL NO. 1 (CONT)
DUAL DUPLEX SERIAL
BUS SELECTOR

SYMBOL NO. 1							SYMBOL NO. 1 (CONT)							SYMBOL NO. 1 (CONT)							
DESIG	EQPT	LOC	CODE	ELEM	IDENT	OPT	DESIG	EQPT	LOC	CODE	ELEM	IDENT	OPT	DESIG	EQPT	LOC	CODE	ELEM	IDENT	OPT	
DDSBS	04-058		TN698	A			DDSBS	04-058		TN698	A			DDSBS	04-058		TN698	A			
LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	
NC	0	10KHZ	016				INF030	1	INF030	142		5/1		11DAL00N	10	DAL1BN	209			TO PROC CONTROL FRAME DKT	
	1	20MHZ	314				INF000	1	INF000	134		5/1		11DAL00P	10	DAL1BP	308			TO PROC CONTROL FRAME DKT	
	GRD	GRD	212				INF010	1	INF010	035		5/1		11DAL00N	1	DAL0BN	009			TO PROC CONTROL FRAME DKT	
	GRD	GPD	234				INF020	1	INF020	136		5/1		11DAL00P	1	DAL0BP	108			TO PROC CONTROL FRAME DKT	
CPMC	TO	LIMIT	024		1/2		INF030	1	INF030	037		5/1		11RE00CN	10	REQ1BN	211			TO PROC CONTROL FRAME DKT	
	GRD	GRD	244				INF040	1	INF040	138		5/1		11RE00OP	10	REQ1BP	310			TO PROC CONTROL FRAME DKT	
CPPT	10	LIMIT	023		1/2		INF050	1	INF050	039		5/1		11RE00CN	1	REQ0BN	011			TO PROC CONTROL FRAME DKT	
CPD	0	CPD	319		5/1		INF060	1	INF060	140		5/1		11RE00OP	1	REQ0BP	110			TO PROC CONTROL FRAME DKT	
DERO	1	ERD	020		5/1		INF070	1	INF070	041		5/1		11RE00CN	10	REQ0BN	011			TO PROC CONTROL FRAME DKT	
DPHRCLR0	1	INIT	344		5/1		INF080	1	INF080	334		5/1		11RE00OP	10	REQ0BP	310			TO PROC CONTROL FRAME DKT	
DPC	0	DPD	219		5/1		INF090	1	INF090	235		5/1		11RE00CN	1	REQ0BN	011			TO PROC CONTROL FRAME DKT	
DRO	0	DRO	019		5/1		INF100	1	INF100	336		5/1		11RE00OP	1	REQ0BP	110			TO PROC CONTROL FRAME DKT	
EOT0	0	EOT0	118		5/1		INF110	1	INF110	237		5/1		11RE00CN	1	REQ0BN	011			TO PROC CONTROL FRAME DKT	
GRD04-058	GRD	GRD	006				INF120	1	INF120	338		5/1		11RE00OP	1	REQ0BP	110			TO PROC CONTROL FRAME DKT	
	GRD	GRD	101				INF130	1	INF130	239		5/1		11XCK00N	1	XCLK11N	208			TO PROC CONTROL FRAME DKT	
	GRD	GRD	103				INF140	1	INF140	340		5/1		11XCK00P	1	XCLK11P	307			TO PROC CONTROL FRAME DKT	
	GRD	GRD	111				INF150	1	INF150	241		5/1		11XCK00N	1	XCLK01N	008			TO PROC CONTROL FRAME DKT	
	GRD	GRD	113				INF160	1	INF160	146		5/1		11XCK00P	1	XCLK01P	107			TO PROC CONTROL FRAME DKT	
	GRD	GRD	117				INF170	1	INF170	047		5/1		20MHZ1	1	SPEED1	116			6/1	
	GRD	GRD	119				INF180	1	INF180	148		5/1			0	20MHZ0	316			2/1,2/2	
	GRD	GRD	121				INF190	1	INF190	049		5/1									2/3,5/1
	GRD	GRD	133			TO PROC CONTROL FRAME DKT	INF200	1	INF200	150		5/1									
	GRD	GRD	135				INF210	1	INF210	051		5/1									
	GRD	GRD	137				INF220	1	INF220	152		5/1									
	GRD	GRD	139				INF230	1	INF230	053		5/1									
	GRD	GRD	141				INF240	1	INF240	346		5/1									
	GRD	GRD	143				INF250	1	INF250	247		5/1									
	GRD	GRD	145				INF260	1	INF260	348		5/1									
	GRD	GRD	147				INF270	1	INF270	249		5/1									
	GRD	GRD	149				INF280	1	INF280	350		5/1									
	GRD	GRD	151				INF290	1	INF290	251		5/1									
	GRD	GRD	153				INF300	1	INF300	352		5/1									
	GRD	GRD	155				INF310	1	INF310	253		5/1									
	GRD	GRD	209				INT0	1	INT10	321		5/1									
	GRD	GRD	202				PHS	10	PHSENSE	044		2/1									
	GRD	GRD	204				PSVC	PHR	VCC	009		1/1									
	GRD	GRD	206					PHR	VCC	001		1/1									
	GRD	GRD	214					PHR	VCC	032		1/1									
	GRD	GRD	216					PHR	VCC	115		1/1									
	GRD	GRD	218					PHR	VCC	124		1/1									
	GRD	GRD	220					PHR	VCC	132		1/1									
	GRD	GRD	222					PHR	VCC	156		1/1									
	LPC	GPD	224				SETUP0	1	SETUP:0	022		5/1									
	GRD	GPD	232				SST0	0	SST00	318		5/1									
	GRD	GPD	236				SYNCO	1	SYNCO	221		5/1									
	GRD	GRD	238				XFER0	1	XFER10	021		5/1									
	GRD	GRD	240				11CLK00N	0	CLK10N	207											
	GRD	GRD	242				11CLK00P	0	CLK10P	306											
	GRD	GRD	246				11CLK00N	0	CLK00N	007											
	GRD	GRD	248				11CLK00P	0	CLK00P	106											
	GRD	GRD	250				11DAH00N	10	DAH1BN	210											
	GRD	GRD	252				11DAH00P	10	DAH1BP	309											
	GRD	GRD	254				11DAH00N	1	DAH0BN	010											
	GRD	GRD	311				11DAH00P	1	DAH0BP	109											
	GRD	GRD	324																		
	GRD	GRD	332																		
	GRD	GRD	356																		
INF00	1	INF000	354		5/1																
INF10	1	INF100	154		5/1																
INF20	1	INF200	342		5/1																

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SYMBOL(S) 1

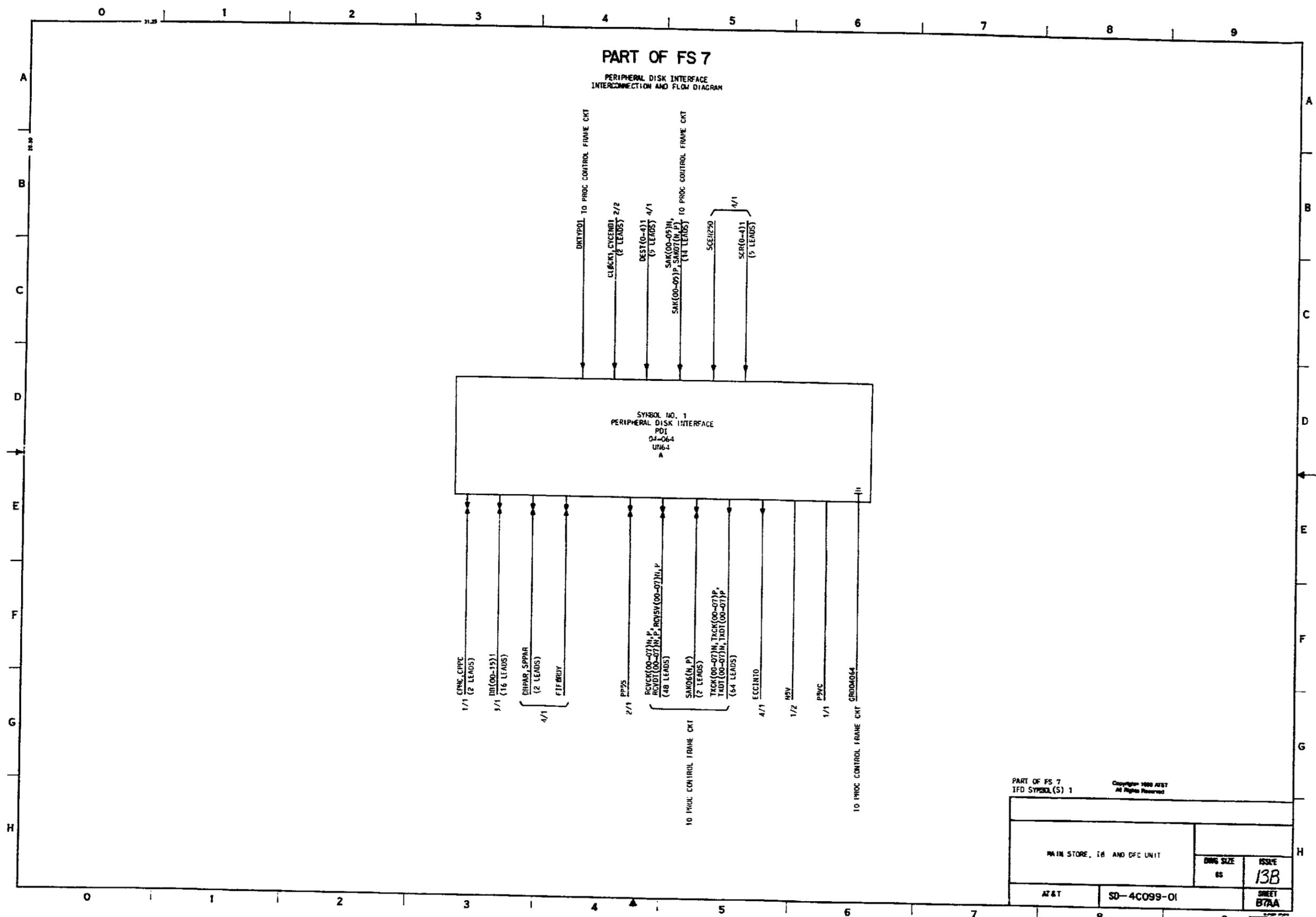
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RAIN STORE, 10 AND DFC UNIT

AT&T SD-4C099-01 B6CA

DATE SIZE ISSUE
= 15B

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PART OF FS 7
IFD SYMBOL(S) 1

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MAIN STORE, I/O AND DFC UNIT		ENGINE SIZE 65	ISSUE 13B
AT&T	SD-4C099-01	SHEET B7AA	

PART OF FS 7
PERIPHERAL DISK INTERFACE

SYMBOL NO. 1 (CONT)
PERIPHERAL DISK INTERFACE

SYMBOL NO. 1 (CONT)
PERIPHERAL DISK INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PDI	04-064	UN64	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
SPPAR	10	SPPAR	110		4/1	
SRC01	1	SRC001	106		4/1	
SRC11	1	SRC011	306		4/1	
SRC21	1	SRC021	007		4/1	
SRC31	1	SRC031	207		4/1	
SRC41	1	SRC041	206		4/1	
TXCK00N	0	TX0CLK0	419		TO PROC CONTROL FRAME EXT	
TXCK00P	0	TX0CLK1	519		TO PROC CONTROL FRAME EXT	
TXCK01N	0	TX1CLK0	434		TO PROC CONTROL FRAME EXT	
TXCK01P	0	TX1CLK1	534		TO PROC CONTROL FRAME EXT	
TXCK02N	0	TX2CLK0	402		TO PROC CONTROL FRAME EXT	
TXCK02P	0	TX2CLK1	502		TO PROC CONTROL FRAME EXT	
TXCK03N	0	TX3CLK0	451		TO PROC CONTROL FRAME EXT	
TXCK03P	0	TX3CLK1	551		TO PROC CONTROL FRAME EXT	
TXCK04N	0	TX4CLK0	219		TO PROC CONTROL FRAME EXT	
TXCK04P	0	TX4CLK1	319		TO PROC CONTROL FRAME EXT	
TXCK05N	0	TX5CLK0	019		TO PROC CONTROL FRAME EXT	
TXCK05P	0	TX5CLK1	119		TO PROC CONTROL FRAME EXT	
TXCK06N	0	TX6CLK0	034		TO PROC CONTROL FRAME EXT	
TXCK06P	0	TX6CLK1	134		TO PROC CONTROL FRAME EXT	
TXCK07N	0	TX7CLK0	051		TO PROC CONTROL FRAME EXT	
TXCK07P	0	TX7CLK1	151		TO PROC CONTROL FRAME EXT	
TXDT00N	0	TX0DAT0	418		TO PROC CONTROL FRAME EXT	
TXDT00P	0	TX0DAT1	518		TO PROC CONTROL FRAME EXT	
TXDT01N	0	TX1DAT0	433		TO PROC CONTROL FRAME EXT	
TXDT01P	0	TX1DAT1	533		TO PROC CONTROL FRAME EXT	
TXDT02N	0	TX2DAT0	401		TO PROC CONTROL FRAME EXT	
TXDT02P	0	TX2DAT1	501		TO PROC CONTROL FRAME EXT	
TXDT03N	0	TX3DAT0	450		TO PROC CONTROL FRAME EXT	
TXDT03P	0	TX3DAT1	550		TO PROC CONTROL FRAME EXT	
TXDT04N	0	TX4DAT0	218		TO PROC CONTROL FRAME EXT	
TXDT04P	0	TX4DAT1	318		TO PROC CONTROL FRAME EXT	
TXDT05N	0	TX5DAT0	018		TO PROC CONTROL FRAME EXT	
TXDT05P	0	TX5DAT1	118		TO PROC CONTROL FRAME EXT	
TXDT06N	0	TX6DAT0	033		TO PROC CONTROL FRAME EXT	
TXDT06P	0	TX6DAT1	133		TO PROC CONTROL FRAME EXT	
TXDT07N	0	TX7DAT0	050		TO PROC CONTROL FRAME EXT	
TXDT07P	0	TX7DAT1	150		TO PROC CONTROL FRAME EXT	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PDI	04-064	UN64	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
WC011	10	WC011	348			
WC081	GRD	GRD	449			
WC081	10	WC081	254			
128WEN1	GRD	GRD	252			
128WEN1	1	128WEN1	335			
128WEN1	GRD	GRD	332			

PART OF FS 7
SYMBOL(S) 1

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MAIN STORE, IO AND DFC UNIT		DWG SIZE C2
		ISSUE 13B
AT&T	SD-4C099-01	B7CB

PART OF FS 8
DMA CONTROLLER 0

SYMBOL NO. 1 DIRECT MEMORY ACCESS CONTROL							SYMBOL NO. 1 (CONT) DIRECT MEMORY ACCESS CONTROL							SYMBOL NO. 1 (CONT) DIRECT MEMORY ACCESS CONTROL							SYMBOL NO. 1 (CONT) DIRECT MEMORY ACCESS CONTROL								
DESIG	ECPT LOC	CODE	ELEM IDENT	OPT			DESIG	ECPT LOC	CODE	ELEM IDENT	OPT			DESIG	ECPT LOC	CODE	ELEM IDENT	OPT			DESIG	ECPT LOC	CODE	ELEM IDENT	OPT				
DMAC	04-088	UN46	A	(2G)			DMAC	04-088	UN46	A	(2G)			DMAC	04-088	UN46	A	(2G)			DMAC	04-088	UN46	A	(2G)				
DMAC	04-088	UN46D	A	(2D)			DMAC	04-088	UN46D	A	(2D)			DMAC	04-088	UN46D	A	(2D)			DMAC	04-088	UN46D	A	(2D)				
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE		
NC												TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
	(2G)	CLOCK01	255									TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		DSCCLK11	244									TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		ROMAD01	245									TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		ROMAD11	246									TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		ROMAD21	247									TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		ROMAD31	248									TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		ROMAD41	249									TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		ROMAD51	250									TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		ROMAD61	251									TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		ROMAD71	252									TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		ROMAD81	253									TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CER010	534		8/2							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
CER000												TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CER110	540		(2)8/3							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CIOAD000	506		9/1							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CIOAD100	507		9/1							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CIOAD200	508		9/1							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CIOAD300	509		9/1							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CIOAD400	510		9/1							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CIOAD500	511		9/1							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CIOAK000	500		9/1							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CIOAK100	501		9/1							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CIOAK200	502		9/1							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CIOAK300	503		9/1							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CIOAK400	504		9/1							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CIOAK500	505		9/1							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CIOASH0	024		9/1							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CIOCER0	023		9/1							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CIOCLE0	524		9/1							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CIOD000	401		9/1							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CIOD010	200		9/1							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CIOD020	402		9/1							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CIOD030	403		9/1							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	
		CIOD040	201		9/1							TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT							9/1	TO PROC CONTROL FRAME EXT	

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MAIN STORE, IO AND DFC UNIT

AT&T SD-40099-01 B&CA

ISSUE 13B

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PART OF FS 8
DMA CONTROLLER 0

SYMBOL NO. 1 (CONT)										SYMBOL NO. 1 (CONT)										SYMBOL NO. 1 (CONT)										SYMBOL NO. 1 (CONT)									
DIRECT MEMORY ACCESS CONTROL										DIRECT MEMORY ACCESS CONTROL										DIRECT MEMORY ACCESS CONTROL										DIRECT MEMORY ACCESS CONTROL									
DESIG	EOPT	LOC	CODE	ELEM	OPT					DESIG	EOPT	LOC	CODE	ELEM	OPT					DESIG	EOPT	LOC	CODE	ELEM	OPT					DESIG	EOPT	LOC	CODE	ELEM	OPT				
DMAC	04-088	UN46	UN46	A	(ZG)					DMAC	04-088	UN46	UN46	A	(ZG)					DMAC	04-088	UN46	UN46	A	(ZG)					DMAC	04-088	UN46	UN46	A	(ZG)				
LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE				LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE				LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE				LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE			
DINT010	I	INTCH110	544		(Z)8/3					GRD	GRD	GRD	335							SA071	OT	SA0701	452		9/1					SA321	OT	SA3201	148		9/1				
DIDADS00	I	DIDAD000	542		8/2	P/GRD04087				GRD	GRD	GRD	336								I				10/1	TO PROC CONTROL					I				10/1	TO PROC CONTROL			
DIDAD010	0	DIDAD100	543		(Z)8/3	P/GRD04095				GRD	GRD	GRD	337								I				10/1	TO PROC CONTROL					I				10/1	TO PROC CONTROL			
DIDAK000	I	DAK010	536		8/2					GRD	GRD	GRD	338							SA081	OT	SA0801	453		9/1					SA331	OT	SA3301	147		9/1				
DIDAK010	I	DAK110	537		(Z)8/3					GRD	GRD	GRD	339								I				10/1	TO PROC CONTROL					I				10/1	TO PROC CONTROL			
DMAR000	I	DMAR010	550		8/2					GRD	GRD	GRD	340								I				10/1	TO PROC CONTROL					I				10/1	TO PROC CONTROL			
DMAR010	I	DMAR110	553		(Z)8/3					GRD	GRD	GRD	341							SA091	OT	SA0901	454		9/1					SA341	OT	SA3401	146		9/1				
DRDY000	I	DRDY100	053		8/2					GRD	GRD	GRD	342								I				10/1	TO PROC CONTROL					I				10/1	TO PROC CONTROL			
DRD900	I	DRD000	049		8/2, (Z)8/3	P/GRD04079				INT000	0		514			TO PROC CONTROL					I				10/1	TO PROC CONTROL					I				10/1	TO PROC CONTROL			
DRINT000	I	DRINT000	047		8/2, (Z)8/3					INT030	0		571			TO PROC CONTROL				SA101	OT	SA1001	455		9/1					SA351	(ZD)C	SA3501	052	(ZA)	(ZA)	(ZA)9/1, (ZA)10/1			
DRSR000	I	DRSR000	552		8/2, (Z)8/3					INT100	0	DM4INT000	512			TO PROC CONTROL					I				10/1	TO PROC CONTROL				SBYTE00	OT	SBYTE00	213		9/1				
DRST000	I	DRST000	048		8/2, (Z)8/3					INT110	0	CHOINT000	512			TO PROC CONTROL					I				10/1	TO PROC CONTROL					I				10/1	TO PROC CONTROL			
DMCA000	I	DMCA000	050		8/2, (Z)8/3	P/GRD04079				INT120	0	CHIINT000	412			TO PROC CONTROL				SA111	OT	SA1101	345		9/1					SCOMP00	OT	SCOMP00	154		9/1				
DMDD000	I	DMDD000	045		8/2, (Z)8/3	P/GRD04079				MYSER0A0	I	MYSER0A10	153			TO PROC CONTROL					I				10/1	TO PROC CONTROL				SD0001	IO	SD0001	414		9/1, 10/1				
DMBUS000	I	DMBUS000	151		8/2, (Z)8/3					MYSERB00	I	MYSERB10	155			TO PROC CONTROL					I				10/1	TO PROC CONTROL				SD0011	IO	SD0011	415		9/1, 10/1				
DMCL000	I	DMCL000	150		TO PROC CONTROL					MYSERC00	I	MYSERC10	123			TO PROC CONTROL					I				10/1	TO PROC CONTROL				SD0021	IO	SD0021	416		9/1, 10/1				
DMDBUS000	I	DMDBUS000	121		TO PROC CONTROL					PSVDB	I	VCC	100			TO PROC CONTROL					I				10/1	TO PROC CONTROL				SD0031	IO	SD0031	417		9/1, 10/1				
DMDSCH000	I	DMDSCH000	152		TO PROC CONTROL					PHR	VCC		111			TO PROC CONTROL					I				10/1	TO PROC CONTROL				SD0041	IO	SD0041	418		9/1, 10/1				
DMDSG000	I	DMDSG000	122		TO PROC CONTROL					PHR	VCC		124			TO PROC CONTROL					I				10/1	TO PROC CONTROL				SD0051	IO	SD0051	419		9/1, 10/1				
DMDRTO000	I	DMDRTO000	149		TO PROC CONTROL					PHR	VCC		132			TO PROC CONTROL					I				10/1	TO PROC CONTROL				SD0061	IO	SD0061	420		9/1, 10/1				
GRD04088	I	DMAD010	044		TO PROC CONTROL					PHR	VCC		143			TO PROC CONTROL					I				10/1	TO PROC CONTROL				SD0071	IO	SD0071	421		9/1, 10/1				
	I	MPDEN0	254							PHR	VCC		156			TO PROC CONTROL					I				10/1	TO PROC CONTROL				SD0081	IO	SD0081	422		9/1, 10/1				
	GRD	GRD	101							PHR	VCC		224			TO PROC CONTROL					I				10/1	TO PROC CONTROL				SD0091	IO	SD0091	423		9/1, 10/1				
	GRD	GRD	102							PHR	VCC		256			TO PROC CONTROL					I				10/1	TO PROC CONTROL				SD0101	IO	SD0101	314		9/1, 10/1				
	GRD	GRD	103							PHR	VCC		300			TO PROC CONTROL					I				10/1	TO PROC CONTROL				SD0111	IO	SD0111	315		9/1, 10/1				
	GRD	GRD	104							PHR	VCC		311			TO PROC CONTROL					I				10/1	TO PROC CONTROL				SD0121	IO	SD0121	316		9/1, 10/1				
	GRD	GRD	105							PHR	VCC		324			TO PROC CONTROL					I				10/1	TO PROC CONTROL													
	GRD	GRD	106							PHR	VCC		332			TO PROC CONTROL					I				10/1	TO PROC CONTROL													
	GRD	GRD	107							PHR	VCC		343			TO PROC CONTROL					I				10/1	TO PROC CONTROL													
	GRD	GRD	108							PHR	VCC		356			TO PROC CONTROL					I				10/1	TO PROC CONTROL													
	GRD	GRD	109							PHR	VCC		424			TO PROC CONTROL					I				10/1	TO PROC CONTROL													
	GRD	GRD	110							PHR	VCC		456			TO PROC CONTROL					I				10/1	TO PROC CONTROL													
	GRD	GRD	133							SA001	OT	SA0001	443			9/1					I				10/1	TO PROC CONTROL													
	GRD	GRD	134								I					TO PROC CONTROL					I				10/1	TO PROC CONTROL													
	GRD	GRD	135							SA011	OT	SA0101	446			9/1					I				10/1	TO PROC CONTROL													
	GRD	GRD	136								I					TO PROC CONTROL					I				10/1	TO PROC CONTROL													
	GRD	GRD	137							SA021	OT	SA0201	447			9/1					I				10/1	TO PROC CONTROL													
	GRD	GRD	138								I					TO PROC CONTROL					I				10/1	TO PROC CONTROL													
	GRD	GRD	139							SA031	OT	SA0301	448			9/1					I				10/1	TO PROC CONTROL													
	GRD	GRD	140								I					TO PROC CONTROL					I				10/1	TO PROC CONTROL													
	GRD	GRD	141							SA041	OT	SA0401	449			9/1					I				10/1	TO PROC CONTROL													
	GRD	GRD	142								I					TO PROC CONTROL					I				10/1	TO PROC CONTROL													
	GRD	GRD	301							SA051	OT	SA0501	450			9/1					I				10/1	TO PROC CONTROL													
	GRD	GRD	302								I					TO PROC CONTROL					I				10/1	TO PROC CONTROL													
	GRD	GRD	303							SA061	OT	SA0601	451			9/1					I				10/1	TO PROC CONTROL													
	GRD	GRD	304								I					TO PROC CONTROL					I				10/1	TO PROC CONTROL													
	GRD	GRD	305								I					TO PROC CONTROL					I				10/1	TO PROC CONTROL													
	GRD	GRD	306								I					TO PROC CONTROL					I				10/1	TO PROC CONTROL													
	GRD	GRD	307								I					TO PROC CONTROL					I				10/1	TO PROC CONTROL													
	GRD	GRD	308								I					TO PROC CONTROL					I				10/1	TO PROC CONTROL													
	GRD	GRD	309								I					TO PROC CONTROL					I				10/1	TO PROC CONTROL													
	GRD	GRD	310			</																																	

PART OF FS 8
DMA CONTROLLER 0

SYMBOL NO. 2 (CONT)
DUAL SERIAL CHANNEL

DESIG	EDPT LOC	CODE	ELEM IDENT	OPT	DESIG	EDPT LOC	CODE	ELEM IDENT	OPT	DESIG	EDPT LOC	CODE	ELEM IDENT	OPT	DESIG	EDPT LOC	CODE	ELEM IDENT	OPT					
DSCH	04-020	UN98	A	---	DSCH	04-080	UN98	A	---	DSCH	04-080	UN98	A	---	DSCH	04-080	UN98	A	---					
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	
CPPDA	0	PCPRB	020	(K)	8/3 TO PROC CONTROL FRAME DKT		GRD	GRD	045			11CLK03N	0	CLK030N	246			11XCK03P	1	XCK031P	346		TO PROC CONTROL FRAME DKT	
CPPG	3	PCPRB	020	(P)	12/1 (2)8/5	316	GRD	GRD	051			11CLK03P	0	CLK030P	345									
DASH00	1	ASH00	024		8/1		GRD	GRD	102			11DAH0N	10	DAH00BN	055									
DCL000	1	CLR010	524		8/1		GRD	GRD	103			11DAH0P	10	DAH00BP	154									
DB0000	10	DB0000	401		8/1		GRD	GRD	104			11DAH01N	10	DAH01BN	049									
DB0010	10	DB0180	200		8/1		GRD	GRD	105			11DAH01P	10	DAH01BP	146									
DB0020	10	DB0230	402		8/1		GRD	GRD	106			11DAH02N	10	DAH02BN	255									
DB0030	10	DB0380	403		8/1		GRD	GRD	107			11DAH02P	10	DAH02BP	354									
DB0040	10	DB0480	201		8/1		GRD	GRD	108			11DAH03N	10	DAH03BN	249									
DB0050	10	DB0580	404		8/1		GRD	GRD	109			11DAH03P	10	DAH03BP	348									
DB0060	10	DB0680	405		8/1		GRD	GRD	110			11DAL0N	10	DAL00BN	054									
DB0070	10	DB0780	202		8/1		GRD	GRD	111			11DAL0P	10	DAL00BP	153									
DB0080	10	DB0880	001		8/1		GRD	GRD	112			11DAL01N	10	DAL01BN	048									
DB0090	10	DB0980	203		8/1		GRD	GRD	113			11DAL01P	10	DAL01BP	147									
DB0100	10	DB1080	002		8/1		GRD	GRD	114			11DAL02N	10	DAL02BN	254									
DB0110	10	DB1180	003		8/1		GRD	GRD	115			11DAL02P	10	DAL02BP	353									
DB0120	10	DB1280	204		8/1		GRD	GRD	116			11DAL03N	10	DAL03BN	248									
DB0130	10	DB1380	004		8/1		GRD	GRD	117			11DAL03P	10	DAL03BP	347									
DB0140	10	DB1480	005		8/1		GRD	GRD	118			11REQ0N	10	REQ00BN	056									
DB0150	10	DB1580	205		8/1		GRD	GRD	119			11REQ0P	10	REQ00BP	155									
DB0160	10	DB1680	406		8/1		GRD	GRD	120			11REQ01N	10	REQ01BN	050									
DB0170	10	DB1780	206		8/1		GRD	GRD	121			11REQ01P	10	REQ01BP	149									
DB0180	10	DB1880	407		8/1		GRD	GRD	122			11REQ02N	10	REQ02BN	256									
DB0190	10	DB1980	408		8/1		GRD	GRD	123			11REQ02P	10	REQ02BP	355									
DB0200	10	DB2080	207		8/1		GRD	GRD	124			11REQ03N	10	REQ03BN	250									
DB0210	10	DB2180	409		8/1		GRD	GRD	125			11REQ03P	10	REQ03BP	349									
DB0220	10	DB2280	410		8/1		GRD	GRD	126			11XCK0N	1	XCK001N	053									
DB0230	10	DB2380	208		8/1		GRD	GRD	127			11XCK0P	1	XCK001P	152									
DB0240	10	DB2480	006		8/1		GRD	GRD	128			11XCK01N	1	XCK011N	047									
DB0250	10	DB2580	204		8/1		GRD	GRD	129			11XCK01P	1	XCK011P	146									
DB0260	10	DB2680	007		8/1		GRD	GRD	130			11XCK02N	1	XCK021N	253									
DB0270	10	DB2780	008		8/1		GRD	GRD	131			11XCK02P	1	XCK021P	352									
DB0280	10	DB2880	210		8/1		GRD	GRD	132			11XCK03N	1	XCK031N	247									
DB0290	10	DB2980	009		8/1		GRD	GRD	133															
DB0300	10	DB3080	010		8/1		GRD	GRD	134															
DB0310	10	DB3180	211		8/1		GRD	GRD	135															
DB0320	10	DB3280	400		8/1		GRD	GRD	136															
DB0330	10	DB3380	000		8/1		GRD	GRD	137															
DB0340	10	DB3480	411		8/1		GRD	GRD	138															
DB0350	10	DB3580	011		8/1		GRD	GRD	139															
DIDLE00	1	IDLE10	522		8/1		PHR	VCC	044															
DINT000	0	INT000	514		8/1		PHR	VCC	100															
DICAD000	1	ACA10	505		8/1		PHR	VCC	171															
	1	ADB10	507		8/1		PHR	VCC	144															
	1	ADC10	509		8/1		PHR	VCC	244															
DIDAK000	0	AKA00	500		8/1		PHR	VCC	300															
DIMAR000	0	SER00	513		8/1		PHR	VCC	311															
DRDY00	0	RDY00	021		8/1		PHR	VCC	344															
DRD00	1	RD10	017		8/1		PHR	VCC	444															
DRINT00	1	RINT10	015		8/1		PHR	VCC	544															
DRSR00	1	RDMA10	520		8/1		PHR	VCC	515															
DRST00	1	RST10	016		8/1		PHR	VCC	516															
DWCA00	1	WCA10	018		8/1		PHR	VCC	524															
DW000	1	WD10	013		8/1		PHR	VCC	525															
GRD04000	CRD	GRD	032		8/1		PHR	VCC	526															

PART OF FS 8
SYMBOL(S) 2

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DWG SIZE: 13B

AT&T SD-4099-01 B&CD

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PART OF FS 8
DMA CONTROLLER 0

SYMBOL NO. 3
DUAL SERIAL CHANNEL

SYMBOL NO. 3 (CONT)
DUAL SERIAL CHANNEL

SYMBOL NO. 3 (CONT)
DUAL SERIAL CHANNEL

SYMBOL NO. 3 (CONT)
DUAL SERIAL CHANNEL

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DSCN	04-104	UN98	A	(M)
NICP	04-104	MC4C108A1B(UN109)	A	(L)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DSCN	04-104	UN98	A	(M)
NICP	04-104	MC4C108A1B(UN109)	A	(L)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DSCN	04-104	UN98	A	(M)
NICP	04-104	MC4C108A1B(UN109)	A	(L)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DSCN	04-104	UN98	A	(M)
NICP	04-104	MC4C108A1B(UN109)	A	(L)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
NC	(M)O	DB0000	012		
	(M)O	CLK070N	033		
	(M)O	CLK060N	039		
	(L)O	NINHO			
	(M)O	CLK010N	046		
	(M)O	CLK000N	052		
	(L)IO	SIT241			
	(M)O	CLK130N	114		
	(M)O	CLK120N	120		
	(M)O	CLK070P	132		
	(L)GRD	GRD			
	(M)O	CLK060P	138		
	(L)O	NBDS00			
	(M)O	CLK010P	145		
	(L)GRD	GRD			
	(M)O	CLK000P	151		
	(M)O	CLK130P	213		
	(M)O	CLK120P	219		
	(M)O	CLK090N	233		
	(L)IO	PA001			
	(M)O	CLK080N	239		
	(L)I	NED01B1			
	(M)O	CLK030N	246		
	(L)IO	PA081			
	(M)O	CLK020N	252		
	(L)I	NED17B1			
	(M)O	CLK150N	314		
	(M)O	CLK140N	320		
	(M)O	CLK090P	332		
	(L)GRD	GRD			
	(M)O	CLK080P	338		
	(L)I	ROR00			
	(M)O	CLK030P	345		
	(L)GRD	GRD			
	(M)O	CLK020P	351		
	(M)O	CLK150P	413		
	(M)O	CLK140P	419		
	(M)O	CLK110N	433		
	(L)IO	PA041			
	(M)O	CLK100N	439		
	(L)I	NED09B1			
	(M)O	CLK050N	446		
	(L)IO	PA121			
	(M)O	CLK040N	452		
	(L)I	NED25B1			
	(L)O	AK800	501		
	(M)O	AKC00	503		
	(M)O	10PH20	517		
	(M)O	CLK110P	532		
	(L)GRD	GRD			
	(M)O	CLK100P	538		
	(L)I	TDR00			
	(M)O	CLK050P	545		
	(L)GRD	GRD			
	(M)O	CLK040P	551		
	(L)IO	NBR1HO			
	(M)I	EACK10	014		
	(M)I	XCK071N	03-		
	(M)I	DAL07BN	035		
	(L)IO	BORORST0			
	(M)I	DAH07BN	036		
	(M)I	RE007BN	037		
	(L)O	IMIDGNO			
	(M)I	XCK061N	040		
	(L)O	PERF00			

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	(M)I	DAL06BN	041		
	(L)O	PERF10			
	(M)I	DAH06BN	042		
	(L)O	PERF20			
	(M)I	REG06BN	043		
	(L)GRD	GRD			
	(M)I	XCK011N	047		
	(L)IO	SIT201			
	(M)I	DAL01BN	048		
	(M)I	DAH01BN	049		
	(L)IO	SIT211			
	(M)I	REG01BN	050		
	(L)IO	SIT221			
	(M)I	XCK001N	053		
	(L)IO	SIT251			
	(M)I	DAL00BN	054		
	(L)IO	SIT261			
	(M)I	DAH00BN	055		
	(L)IO	SIT271			
	(M)I	REG00BN	056		
	(L)GRD	GRD			
	(M)I	XCK131N	115		
	(M)I	DAL13BN	116		
	(M)I	DAH13BN	117		
	(M)I	REG13BN	118		
	(M)I	XCK121N	121		
	(M)I	DAL12BN	122		
	(M)I	DAH12BN	123		
	(M)I	REG12BN	124		
	(M)I	XCK071P	133		
	(M)I	DAL07BP	134		
	(L)O	NBDS20			
	(M)I	DAH07BP	135		
	(L)GRD	GRD			
	(M)I	REG07BP	136		
	(M)I	XCK061P	139		
	(L)GRD	GRD			
	(M)I	DAL06BP	140		
	(M)I	DAH06BP	141		
	(M)I	REG06BP	142		
	(M)I	XCK011P	146		
	(L)IO	SIT161			
	(M)I	DAL01BP	147		
	(L)IO	SIT171			
	(M)I	DAH01BP	148		
	(M)I	REG01BP	149		
	(M)I	XCK001P	152		
	(M)I	DAL00BP	153		
	(M)I	DAH00BP	154		
	(M)I	REG00BP	155		
	(M)I	XCK131P	214		
	(M)I	DAL13BP	215		
	(M)I	DAH13BP	216		
	(M)I	REG13BP	217		
	(M)I	XCK121P	220		
	(M)I	DAL12BP	221		
	(M)I	DAH12BP	222		
	(M)I	REG12BP	223		
	(M)I	XCK091N	234		
	(L)IO	PA011			
	(M)I	DAH09BN	235		
	(L)IO	BORORST0			

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	(M)I	DAH09BN	236		
	(L)GRD	GRD			
	(M)I	REG09BN	237		
	(L)O	ROR00			
	(M)I	XCK081N	240		
	(L)I	NED02B1			
	(M)I	DAL08BN	241		
	(L)I	NED03B1			
	(M)I	DAH08BN	242		
	(L)I	NED04B1			
	(M)I	REG08BN	243		
	(L)GRD	GRD			
	(M)I	XCK031N	247		
	(L)IO	PA091			
	(M)I	DAL03BN	248		
	(L)GRD	GRD			
	(M)I	DAH03BN	249		
	(L)GRD	NSERR0			
	(M)I	REG05BN	250		
	(L)I	RINT0			
	(M)I	XCK021N	253		
	(L)I	NED18B1			
	(M)I	DAL02BN	254		
	(L)I	NED19B1			
	(M)I	DAH02BN	255		
	(L)I	NED20B1			
	(M)I	REG02BN	256		
	(L)GRD	GRD			
	(M)I	INH1FF	312		
	(M)I	XCK151N	315		
	(M)I	DAL15BN	316		
	(M)I	DAH15BN	317		
	(M)I	REG15BN	318		
	(M)I	XCK141N	321		
	(M)I	DAL14BN	322		
	(M)I	DAH14BN	323		
	(M)I	REG14BN	324		
	(M)I	XCK091P	333		
	(L)IO	PA021			
	(M)I	DAL09BP	334		
	(L)IO	PA031			
	(M)I	DAH09BP	335		
	(L)GRD	GRD			
	(M)I	REG09BP	336		
	(L)I	NBDS30			
	(M)I	XCK081P	339		
	(L)GRD	GRD			
	(M)I	DAL08BP	340		
	(L)I	NED05B1			
	(M)I	DAH08BP	341		
	(L)I	NED06B1			
	(M)I	REG08BP	342		
	(L)I	NED07B1			
	(M)I	XCK051P	346		
	(L)IO	PA101			
	(M)I	DAL05BP	347		
	(L)IO	PA111			
	(M)I	DAH05BP	348		
	(L)GRD	GRD			
	(M)I	REG05BP	349		
	(L)O	NBDS10			
	(M)I	XCK021P	352		
	(L)GRD	GRD			
	(M)I	DAL02BP	353		
	(L)I	NED21B1			
	(M)I	DAH02BP	354		
	(L)I	NED22B1			
	(M)I	REG02BP	355		
	(L)I	NED23B1			

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	(M)I	PROG0NA	412		
	(M)I	XCK151P	414		
	(M)I	DAL15BP	415		
	(M)I	DAH15BP	416		
	(M)I	REG15BP	417		
	(M)I	XCK141P	420		
	(M)I	DAL14BP	421		
	(M)I	DAH14BP	422		
	(M)I	REG14BP	423		
	(M)I	XCK111N	434		
	(L)IO	PA051			
	(M)I	DAL11BN	435		
	(L)IO	LUMSELO			
	(M)I	DAH11BN	436		
	(L)GRD	GRD			
	(M)I	REG11BN	437		
	(L)O	CTDR00			
	(M)I	XCK101N	440		
	(L)I	NED10B1			
	(M)I	DAL10BN	441		
	(L)I	NED11B1			
	(M)I	DAH10BN	442		
	(L)I	NED12B1			
	(M)I	REG10BN	443		
	(L)GRD	GRD			
	(M)I	XCK051N	447		
	(L)IO	PA131			
	(M)I	DAL05BN	448		
	(L)O	LUMSELO			
	(M)I	DAH05BN	449		
	(L)GRD	GRD			
	(M)I	REG05BN	450		
	(L)I	LINT0			
	(M)I	XCK041N	453		
	(L)I	NED26B1			
	(M)I	DAL04BN	454		
	(L)I	NED27B1			
	(M)I	DAH04BN	455		
	(L)I	NED28B1			
	(M)I	REG04BN	456		
	(L)GRD	GRD			
	(M)I	SRACK10	519		
	(M)I	IACK10	523		
	(M)I	XCK111P	533		
	(L)IO	PA061			
	(M)I	DAL11BP	534		
	(L)IO	PA071			
	(M)I	DAH11BP	535		
	(L)GRD	GRD			
	(M)I	REG11BP	536		
	(M)I	XCK101P	539		
	(L)GRD	GRD			
	(M)I	DAL10BP	540		
	(L)I	NED13B1			

PART OF FS 8
SYMBOL(S) 3

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MAIN STORE, IO AND DFC UNIT		DWG SIZE C
		ISSUE 13B
AT&T	SD-4C099-01	B8CE

PART OF FS 8
DMA CONTROLLER 0

SYMBOL NO. 3 (CONT)
DUAL SERIAL CHANNEL

SYMBOL NO. 3 (CONT)
DUAL SERIAL CHANNEL

SYMBOL NO. 3 (CONT)
DUAL SERIAL CHANNEL

DESIG	EQPT LOC	CODE	ELEM IDENT	DPT	DESIG	EQPT LOC	CODE	ELEM IDENT	DPT	DESIG	EQPT LOC	CODE	ELEM IDENT	DPT				
DSCH	04-104	UN98	A	(M)	DSCH	04-104	UN98	A	(M)	DSCH	04-104	UN98	A	(M)				
NICP	04-104	MC4C10&A1B(LUN109)	A	(L)	NICP	04-104	MC4C10&A1B(LUN109)	A	(L)	NICP	04-104	MC4C10&A1B(LUN109)	A	(L)				
LEAD DESIG	FUNC	TERM. MOD	TERM. DPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. DPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. DPT	DESTINATION	NOTE	
(M)I	DAH10BP	541				DOB000	IO	DB0080	401	(2)	8/1		GRD	GRD	106			
(L)I	NED14B1					DUP010	IO	DB0180	200	(2)	8/1		CRD	GRD	107			
(M)I	NED10BP	542				DOB020	IO	DB0280	402	(2)	8/1		GRD	GRD	108			
(L)I	NED15B1					DOB030	IO	DB0380	403	(2)	8/1		GRD	GRD	109			
(M)I	XCK051P	546				DOB040	IO	DB0480	201	(2)	8/1		GRD	GRD	110			
(L)IO	PA141					DOB050	IO	DB0580	404	(2)	8/1		(M)GRD	GRD	113			
(M)I	DAL05BP	547				DOB060	IO	DB0680	405	(2)	8/1		GRD	GRD	143			
(L)IO	DFFPES0					DOB070	IO	DB0780	202	(2)	8/1		GRD	GRD	156			
(M)I	DAH05BP	548				DOB080	IO	DB0880	001	(2)	8/1		GRD	GRD	224			
(L)GRD	GRD					DOB090	IO	DB0980	203	(2)	8/1		GRD	GRD	232			
(M)I	RED05BP	549				DOB100	IO	DB1080	002	(2)	8/1		GRD	GRD	245			
(L)IO	BUFDGNO					DOB110	IO	DB1180	003	(2)	8/1		GRD	GRD	301			
(M)I	XCK041P	552				DOB120	IO	DB1280	204	(2)	8/1		GRD	GRD	302			
(L)GRD	GRD					DOB130	IO	DB1380	004	(2)	8/1		GRD	GRD	303			
(M)I	DAL04BP	553				DOB140	IO	DB1480	005	(2)	8/1		GRD	GRD	304			
(L)I	NED29B1					DOB150	IO	DB1580	205	(2)	8/1		GRD	GRD	305			
(M)I	DAH04BP	554				DOB160	IO	DB1680	406	(2)	8/1		CRD	GRD	306			
(L)I	NED3GB1					DOB170	IO	DB1780	206	(2)	8/1		GRD	GRD	307			
(M)I	RED04BP	555				DOB180	IO	DB1880	407	(2)	8/1		GRD	GRD	308			
(L)I	NED31B1					DOB190	IO	DB1980	408	(2)	8/1		GRD	GRD	309			
(M)GRD	GRD	038				DOB200	IO	DB2080	207	(2)	8/1		GRD	GRD	310			
(M)GRD	GRD	051				DOB210	IO	DB2180	409	(2)	8/1		(M)GRD	GRD	313			
(L)IO	S17231					DOB220	IO	DB2280	410	(2)	8/1		GRD	GRD	343			
(M)GRD	GRD	119				DOB230	IO	DB2380	208	(2)	8/1		GRD	GRD	424			
(M)GRD	GRD	137				DOB240	IO	DB2480	006	(2)	8/1		GRD	GRD	432			
GRD	GRD	150				DOB250	IO	DB2580	209	(2)	8/1		GRD	GRD	445			
(M)GRD	GRD	218				DOB260	IO	DB2680	007	(2)	8/1		GRD	GRD	543			
(M)GRD	GRD	238				DOB270	IO	DB2780	008	(2)	8/1		GRD	GRD	556			
(L)I	NED00B1	251				DOB280	IO	DB2880	210	(2)	8/1		PHR	VCC	044		9/1	
(L)I	NED16B1					DOB290	IO	DB2980	009	(2)	8/1		PHR	VCC	100		9/1	
(M)GRD	GRD	319				DOB300	IO	DB3080	010	(2)	8/1		PHR	VCC	111		9/1	
(M)GRD	GRD	337				DOB310	IO	DB3180	211	(2)	8/1		PHR	VCC	144		9/1	
(L)IO	ROSO					DOB320	IO	DB3280	400	(2)	8/1		PHR	VCC	244		9/1	
GRD	GRD	356				DOB330	IO	DB3380	000	(2)	8/1		PHR	VCC	300		9/1	
(M)GRD	GRD	418				DOB340	IO	DB3480	411	(2)	8/1		PHR	VCC	311		9/1	
(M)GRD	GRD	438				DOB350	IO	DB3580	011	(2)	8/1		PHR	VCC	344		9/1	
(L)I	NED08B1					DIDLE00	I	IDLEIO	522	(2)	8/1		PHR	VCC	444		9/1	
(M)GRD	GRD	451				DINT010	(M)O	INT00	514	(2)	8/1		PHR	VCC	544		9/1	
(L)I	NED24B1					DIOAC010	(L)O	CREQINT0					SPEED010	(M)O	Z0MHZ0	515	(2)	(2)&8/3
(M)GRD	GRD	537				DIOAK010	I	ADA10	506	(2)	8/1		(M)I	SPEED1	516	(2)	(2)&8/3	
(L)IO	TDSO	550																
CER010	0	CER00	023	(2)	8/1													
CIOIN00	1	IMHIC	019	(2)	8/1													
CPMD	(M)OT	PCFPA	511		(K)&2, (P)&2													
(L)IO	CPROCH				9/1, 10/1													
					10/2, 10/3													
					10/4, 10/5													
					10/6, 10/7													
					10/8, 10/9													
					12/1, (K)&1													
					(R)&1													
					TO PROC CONTROL													
					FRAME EXT													
EPPO	(M)OT	PCFPA	020		(K)&2, (R)&2													
(L)IO	CPROCP				9/1, 10/1													
					10/2, 10/3													
					10/4, 10/5													
					10/6, 10/7													
					10/8, 10/9													
					12/1, (K)&1													
					(R)&1													
					TO PROC CONTROL													
					FRAME EXT													
DASH00	(M)OT	ASH00	024	(2)	8/2													
(L)IO	ASH00																	
DELE00	I	CLPER10	524	(2)	8/1													

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SYMBOL(S) 3

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MAIN STORE, IO AND DFC UNIT

DWG SIZE: 2

ISSUE: 13B

AT&T SD-4C099-01 88CF

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PART OF FS 9
DMA CONTROLLER 1

SYMBOL NO. 1 DIRECT MEMORY ACCESS CONTROL							SYMBOL NO. 1 (CONT)							SYMBOL NO. 1 (CONT)							SYMBOL NO. 1 (CONT)						
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT								
DMAC	04-096	UN46 (NOTE 307)	A	(ZG)	DMAC	04-096	UN46 (NOTE 307)	A	(ZG)	DMAC	04-096	UN46 (NOTE 307)	A	(ZG)	DMAC	04-096	UN46 (NOTE 307)	A	(ZG)								
DMAC	04-096	UN46D	A	(ZD)	DMAC	04-096	UN46D	A	(ZD)	DMAC	04-096	UN46D	A	(ZD)	DMAC	04-096	UN46D	A	(ZD)								
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE				
NC	0 1 (ZG)	CLOCKC1 DMAD10 DSCLKK11	255 244 244			C10D230 C10D240 C10D250	OT OT OT	DB2380 DB2480 DB2580	208 206 209	8/1 8/1 8/1		DOB171	10	DOB1780		238											
	1	ROMAD01	245			C10D260	OT	DB2680	007	8/1		DOB181	10	DOB1880		439											
	1	ROMAD11	246			C10D270	OT	DB2780	008	8/1		DOB191	10	DOB1980		440											
	1	ROMAD21	247			C10D280	OT	DB2880	210	8/1																	
	1	ROMAD31	248			C10D290	OT	DB2980	309	8/1																	
	1	ROMAD41	249			C10D300	OT	DB3080	010	8/1																	
	1	ROMAD51	250			C10D310	OT	DB3180	211	8/1																	
	1	ROMAD61	251			C10D320	OT	DB3280	400	8/1																	
	1	ROMAD71	252			C10D330	OT	DB3380	000	8/1																	
	1	ROMAD81	253			C10D340	OT	DB3480	411	8/1																	
CER10C	1		054	(T)	(T)9/1 TO PROC CONTROL FRAME DKT	C10D350	OT	DB3580	011	8/1		DOB231	10	DOB2380		240											
	1	CER010	534	(T)	(T)9/1 TO PROC CONTROL FRAME DKT	C10EACK0	1	EACK10	014	8/1		DOB241	10	DOB2480		038											
	1	CER110	055	(T)	(T)9/1 TO PROC CONTROL FRAME DKT	C10IAK0	1	IAK10	523	8/1		DOB251	10	DOB2580		241											
	1	CER110	540	(T)	(T)9/1 TO PROC CONTROL FRAME DKT	C10IDL0	1	IDLE10	522	8/1		DOB261	10	DOB2680		039											
	1	CER110	540	(T)	(T)9/1 TO PROC CONTROL FRAME DKT	C10IMH0	1	IMH10	019	8/1		DOB271	10	DOB2780		040											
	1	CER110	540	(T)	(T)9/1 TO PROC CONTROL FRAME DKT	C10IMH0	1	IMH10	051	8/1		DOB281	10	DOB2880		242											
C10AD000	1	C10AD00	506		8/1	C10M90	1		022	8/1		DOB291	10	DOB2980		041											
C10AD100	1	C10AD10	507		8/1	C10ORDY0	OT	ORDY0	021	8/1		DOB301	10	DOB3080		042											
	1	C10AD10	507		8/1	C10ORD0	OT	ORD10	017	8/1		DOB311	10	DOB3180		243											
C10AD200	1	C10AD20	508		8/1	C10OR10	1	OR10	015	8/1		DOB321	10	DOB3280		432											
C10AD300	1	C10AD30	509		8/1	C10OR20	1	OR20	520	8/1		DOB331	10	DOB3380		032											
C10AD400	1	C10AD40	510		8/1	C10OR30	1	OR30	016	8/1		DOB341	10	DOB3480		443											
	1	C10AD40	510		8/1	C10OR50	1	OR50	016	8/1		DOB351	10	DOB3580		043											
C10AD500	1	C10AD50	511		8/1	C10S40	1		519	8/1		D1DL0	10	D1DL00		554											
C10AK000	OT	CAK000	500		8/1	C10WCA0	1	WCA10	018	8/1		D1INT0C	1	D1INT010		444	(T)										
C10AK100	OT	CAK100	501		8/1	C10WCD0	1	WCD10	013	8/1		D1INT10	1	D1INT110		444	(T)										
	1	C10AK200	502		8/1	CPM0	10	PCPRB	413	8/3																	
	1	C10AK300	503		8/1	CPD0	10	PCPRA	313	8/3																	
	OT	CAK200	504		8/1	DASW10	1	DASW10	056	8/1																	
	1	C10AK500	505		8/1	DCLLE10	10	DCLLE00	556	8/1																	
C10ASW0	OT	CASH00	024		8/1	DOB001	10	DOB0090	433	8/1																	
C10CER0	OT	CER00	023		8/1	DOB011	10	DOB0180	232	8/1																	
	1	C10CLE0	524		8/1	DOB021	10	DOB0280	434	8/1																	
	OT	DB0080	401		8/1	DOB031	10	DOB0380	435	8/1																	
	OT	DB0180	200		8/1	DOB041	10	DOB0480	233	8/1																	
	OT	DB0280	402		8/1	DOB051	10	DOB0580	476	8/1																	
	OT	DB0380	403		8/1	DOB061	10	DOB0680	477	8/1																	
	OT	DB0480	201		8/1	DOB071	10	DOB0780	234	8/1																	
	OT	DB0580	404		8/1	DOB081	10	DOB0880	035	8/1																	
	OT	DB0680	405		8/1	DOB091	10	DOB0980	235	8/1																	
	OT	DB0780	202		8/1	DOB101	10	DOB1080	034	8/1																	
	OT	DB0880	001		8/1	DOB111	10	DOB1180	035	8/1																	
	OT	DB0980	203		8/1	DOB121	10	DOB1280	236	8/1																	
	OT	DB1080	002		8/1	DOB131	10	DOB1380	036	8/1																	
	OT	DB1180	003		8/1	DOB141	10	DOB1480	037	8/1																	
	OT	DB1280	204		8/1	DOB151	10	DOB1580	237	8/1																	
	OT	DB1380	004		8/1	DOB161	10	DOB1680	438	8/1																	
	OT	DB1480	005		8/1																						
	OT	DB1580	205		8/1																						
	OT	C10DMA00	212		8/1																						
	OT	C10DH000	012		8/1																						
	OT	DB1680	406		8/1																						
	OT	C10DP100	112		8/1																						
	OT	DB1780	206		8/1																						
	OT	DB1880	407		8/1																						
	OT	DB1980	408		8/1																						
	OT	DB2080	207		8/1																						
	OT	DB2180	409		8/1																						
	OT	DB2280	410		8/1																						

PART OF FS 9
SYMBOL(S) 1

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MAIN STORE, IO AND DFC UNIT

DMG SIZE: 02

ISSUE: 138

AT&T SD-40099-01 B9CA

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PART OF FS 9
DMA CONTROLLER 1

SYMBOL NO. 1 (CONT)							SYMBOL NO. 1 (CONT)							SYMBOL NO. 1 (CONT)										
DIRECT MEMORY ACCESS CONTROL							DIRECT MEMORY ACCESS CONTROL							DIRECT MEMORY ACCESS CONTROL										
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT			DESIG	EQPT LOC	CODE	ELEM IDENT	OPT				DESIG	EQPT LOC	CODE	ELEM IDENT	OPT					
DMAC	04-096	UN46(NOTE 307)	A	(ZG)			DMAC	04-096	UN46(NOTE 307)	A	(ZG)				DMAC	04-096	UN46(NOTE 307)	A	(ZG)					
DMAC	04-096	UN46D	A	(ZD)			DMAC	04-096	UN46D	A	(ZD)				DMAC	04-096	UN46D	A	(ZD)					
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE				
	GRD	GRD	309				SA141	DT	SA1401	348		8/1		SHAINT0	OT	SHAINT00	120	(ZA)	8/1					
	GRD	GRD	310				SA151	DT	SA1501	349		8/1		VLMM0	(ZG)	OSCEW11	344	(ZA)	(ZA)8/1					
	GRD	GRD	333				SA161	DT	SA1601	350		8/1												
	GRD	GRD	334				SA171	DT	SA1701	351		8/1												
	GRD	GRD	335				SA181	DT	SA1801	352		8/1												
	GRD	GRD	336				SA191	DT	SA1901	353		8/1												
	GRD	GRD	337				SA201	DT	SA2001	354		8/1												
	GRD	GRD	338				SA211	DT	SA2101	355		8/1												
	GRD	GRD	339				SA221	DT	SA2201	144		8/1												
	GRD	GRD	340				SA231	DT	SA2301	145		8/1												
	GRD	GRD	341				SA241	(ZG) IO	SA2401	547	(ZA)	(ZA)8/1												
	GRD	GRD	342				SA251	(ZG) IO	SA2501	548	(ZA)	(ZA)8/1												
INT010	0		514		TO PROC CONTROL FRAME CKT		SA321	DT	SA3201	148		8/1												
INT020	0		521		TO PROC CONTROL FRAME CKT		SA331	DT	SA3301	147		8/1												
INT150	0	DMAINT00	512		TO PROC CONTROL FRAME CKT		SA341	DT	SA3401	146		8/1												
INT160	0	CH0INT00	512		TO PROC CONTROL FRAME CKT		SA351	(ZG) IO	SA3501	052	(ZA)	(ZA)8/1												
INT170	0	CH1INT00	412		TO PROC CONTROL FRAME CKT		SBYTE0	OT	SBYTE00	213		8/1												
MYSER80	1	MYSER810	153		10/1		SCMP0	OT	SCMP00	154		8/1												
MYSER80	1	MYSER810	155		10/1		SD001	IO	SD0081	414		8/1												
MYSER80	1	MYSER810	123		10/1		SD011	IO	SD0181	415		8/1												
PSVD	PHR	VCC	100		9/1		SD021	IO	SD0281	416		8/1												
	PHR	VCC	111		9/1		SD031	IO	SD0381	417		8/1												
	PHR	VCC	124		9/1		SD041	IO	SD0481	418		8/1												
	PHR	VCC	132		9/1		SD051	IO	SD0581	419		8/1												
	PHR	VCC	143		9/1		SD061	IO	SD0681	420		8/1												
	PHR	VCC	156		9/1		SD071	IO	SD0781	421		8/1												
	PHR	VCC	224		9/1		SD081	IO	SD0881	422		8/1												
	PHR	VCC	256		9/1		SD091	IO	SD0981	423		8/1												
	PHR	VCC	300		9/1		SD101	IO	SD1081	314		8/1												
	PHR	VCC	311		9/1		SD111	IO	SD1181	315		8/1												
	PHR	VCC	332		9/1		SD121	IO	SD1281	316		8/1												
	PHR	VCC	343		9/1		SD131	IO	SD1381	317		8/1												
	PHR	VCC	356		9/1		SD141	IO	SD1481	318		8/1												
	PHR	VCC	424		9/1		SD151	IO	SD1581	319		8/1												
	PHR	VCC	456		9/1		SD161	IO	SD1681	320		8/1												
	PHR	VCC	324		8/3, 10/1		SD171	IO	SD1781	321		8/1												
					10/2, 10/3		SD181	IO	SD1881	322		8/1												
					10/4, 10/5		SD191	IO	SD1981	323		8/1												
					10/6, 10/7		SD201	IO	SD2081	214		8/1												
					10/8, 10/9		SD211	IO	SD2181	215		8/1												
					12/1		SD221	IO	SD2281	216		8/1												
					11/1-7(BTR)		SD231	IO	SD2381	217		8/1												
					TO PROC CONTROL FRAME CKT		SD241	IO	SD2481	218		8/1												
SA001	OT	SA0001	445		8/1		SD251	IO	SD2581	219		8/1												
SA011	OT	SA0101	446		8/1		SD261	IO	SD2681	220		8/1												
SA021	OT	SA0201	447		8/1		SD271	IO	SD2781	221		8/1												
SA031	OT	SA0301	448		8/1		SD281	IO	SD2881	222		8/1												
SA041	OT	SA0401	449		8/1		SD291	IO	SD2981	223		8/1												
SA051	OT	SA0501	450		8/1		SD301	IO	SD3081	114		8/1												
SA061	OT	SA0601	451		8/1		SD311	IO	SD3181	115		8/1												
SA071	OT	SA0701	452		8/1		SD321	IO	SD3281	116		10/1												
SA081	OT	SA0801	453		8/1		SD331	IO	SD3381	117		10/1												
SA091	OT	SA0901	454		8/1		SD341	IO	SD3481	118		10/1												
SA101	OT	SA1001	455		8/1		SD351	IO	SD3581	119		10/1												
SA111	OT	SA1101	345		8/1		SER010	0		513														
SA121	OT	SA1201	346		8/1		SER020	0		518														
SA131	OT	SA1301	347		8/1		SHALF0	DT	SHALF00	113		8/1												

PART OF FS 9
SYMBOL(S) 1

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MAIN STORE, IO AND DFE UNIT

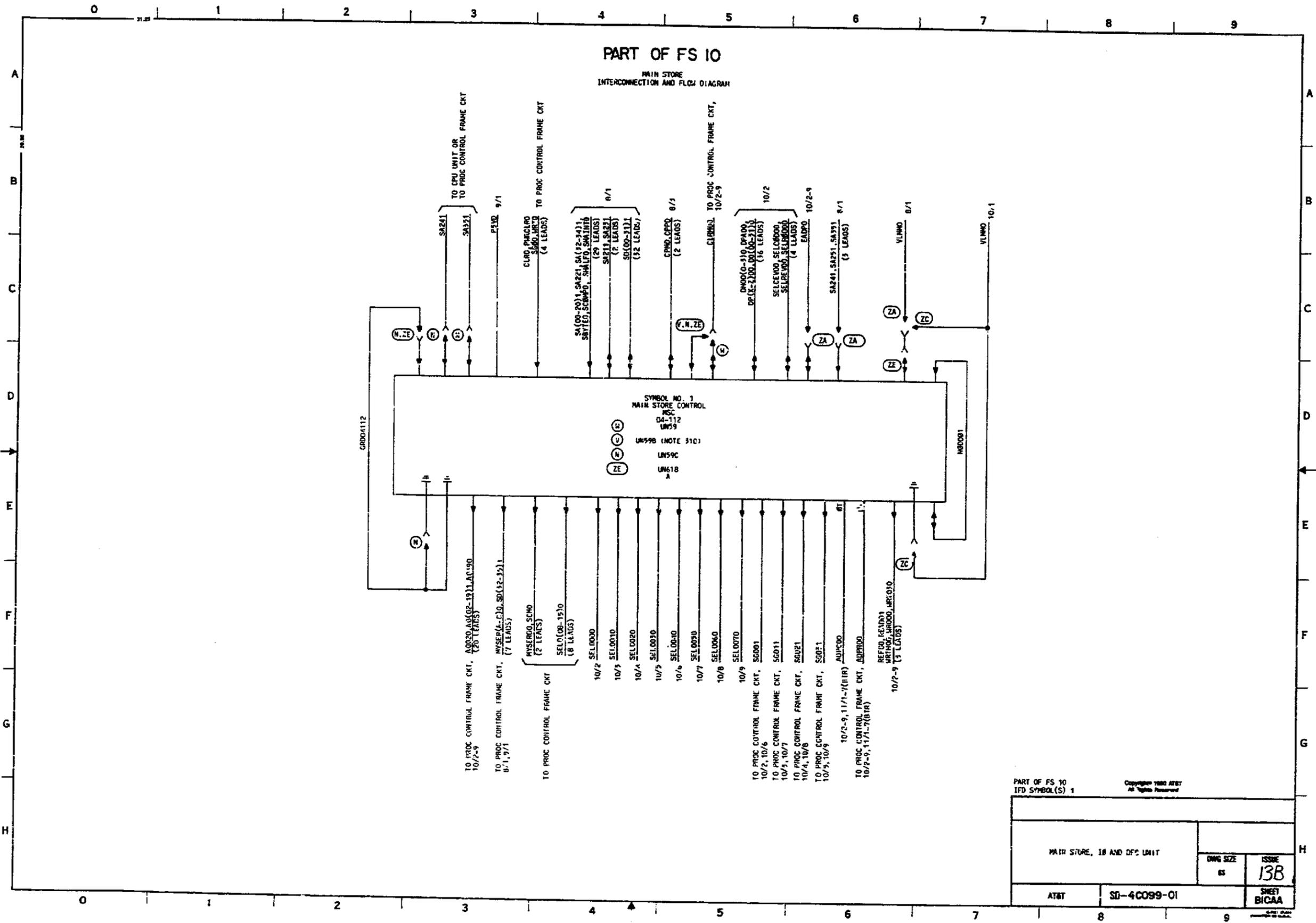
DWG SIZE: C2
ISSUE: 13B

AT&T SD-40099-01 B9CB

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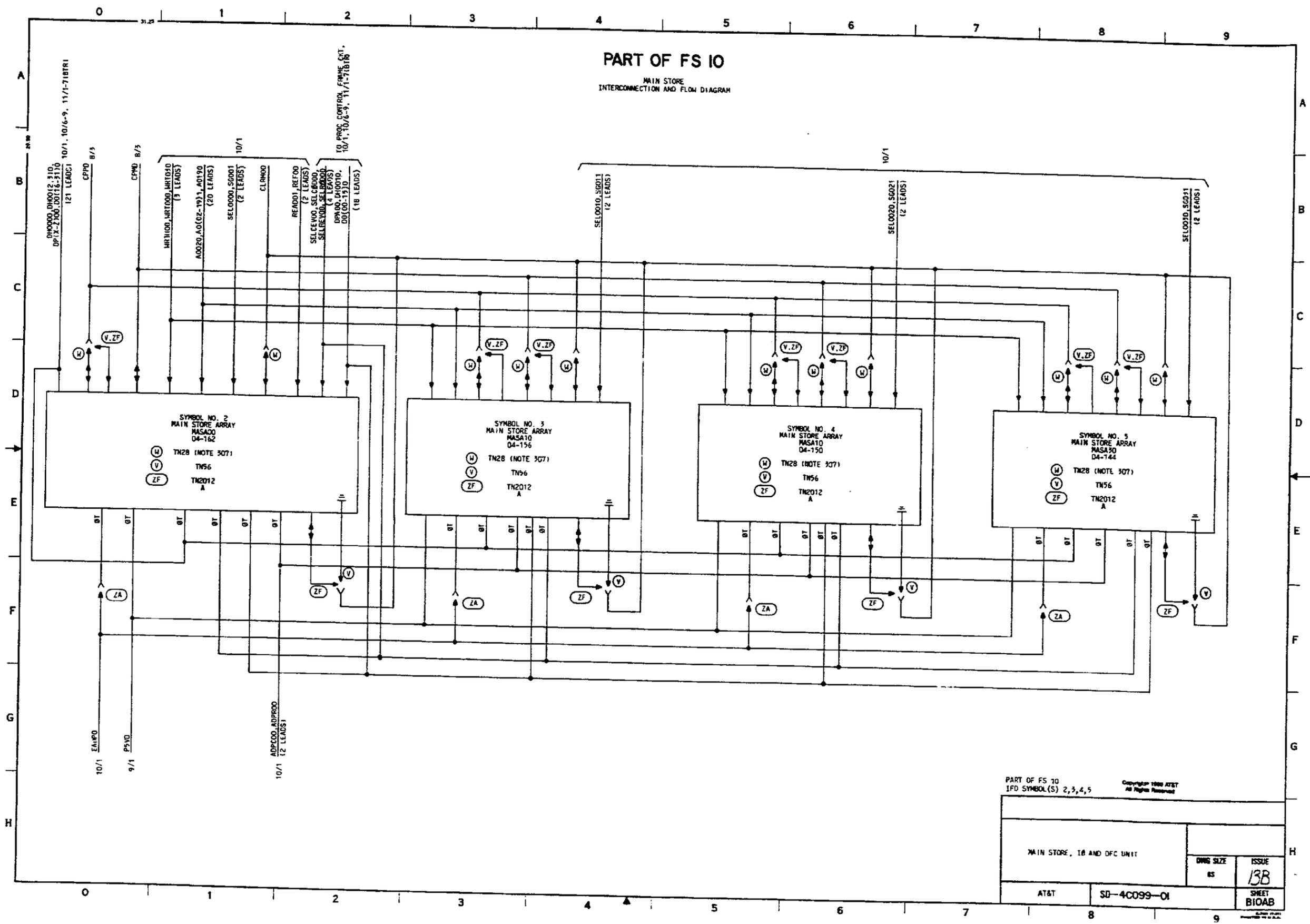
PART OF FS 10

MAIN STORE
INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 10 IFD SYMBOL(S) 1		Copyright 1960 AT&T All Rights Reserved	
MAIN STORE, IB AND OFC UNIT		DWG SIZE AS	ISSUE 13B
AT&T	SD-4099-01	SHEET BICAA	

PART OF FS 10
 MAIN STORE
 INTERCONNECTION AND FLOW DIAGRAM

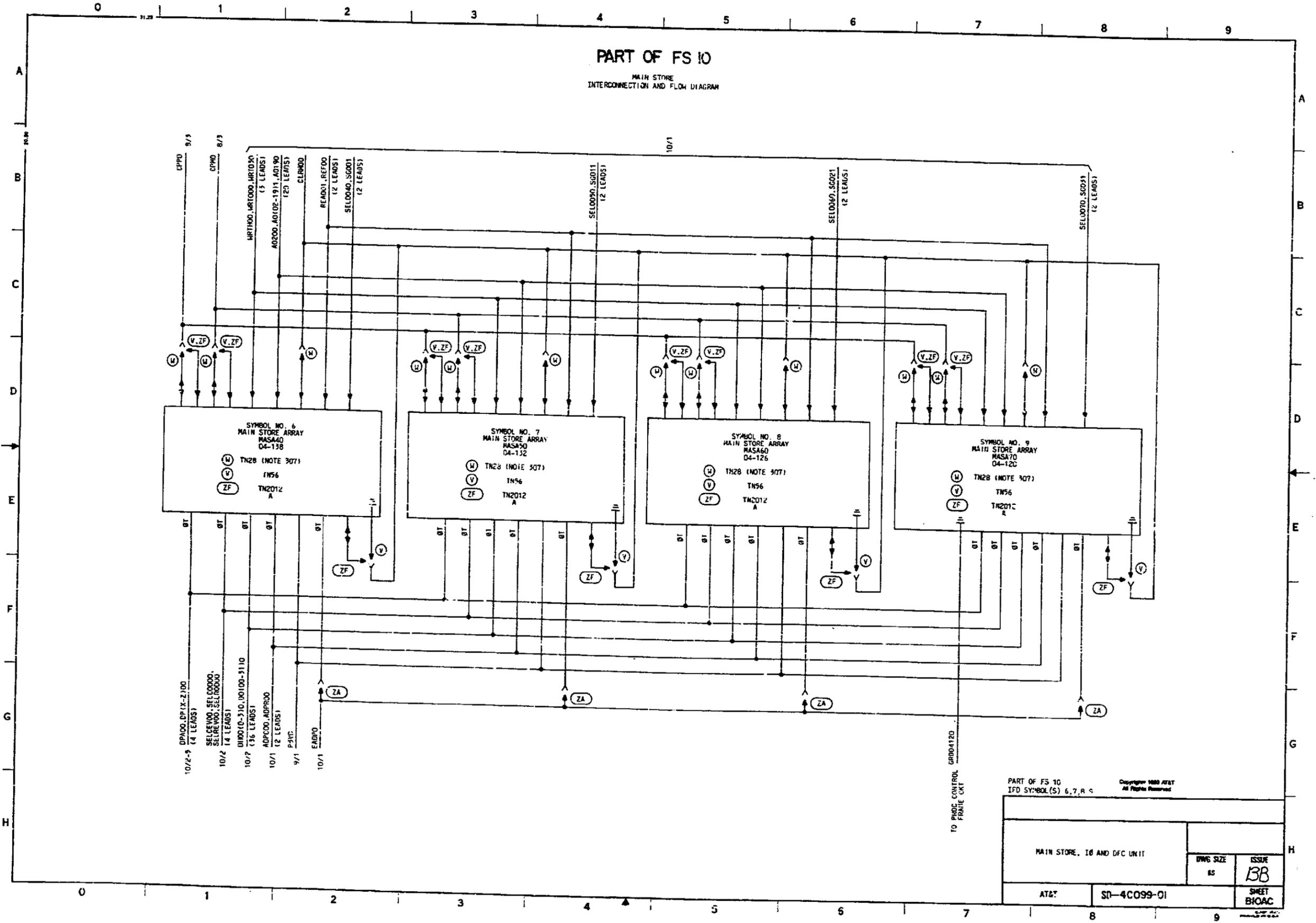


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 IFD SYMBOL(S) 2,3,4,5
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MAIN STORE, I& AND OFC UNIT		DRWG SIZE 85	ISSUE 13B
AT&T	SD-40099-01	SHEET BIOAB	

PART OF FS 10

MAIN STORE
INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 10
IFD SYMBOL(S) 6,7,8,9

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MAIN STORE, I0 AND DFC UNIT		DWG SIZE AS	ISSUE 138
AT&T	SD-4C099-01	SHEET BHOAC	

PART OF FS 10
MAIN STORE

SYMBOL NO. 1 MAIN STORE CONTROL						SYMBOL NO. 1 (CONT) MAIN STORE CONTROL						SYMBOL NO. 1 (CONT) MAIN STORE CONTROL						SYMBOL NO. 1 (CONT) MAIN STORE CONTROL					
DESIG	EOPT LOC	CODE	ELEM IDENT	OPT		DESIG	EOPT LOC	CODE	ELEM IDENT	OPT		DESIG	EOPT LOC	CODE	ELEM IDENT	OPT		DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	
MSC	04-112	UN59	A	(W)		MSC	04-112	UN59	A	(W)		MSC	04-112	UN59	A	(W)		MSC	04-112	UN59	A	(W)	
MSC	04-112	UN59B(NOTE 310)	A	(V)		MSC	04-112	UN59B(NOTE 310)	A	(V)		MSC	04-112	UN59B(NOTE 310)	A	(V)		MSC	04-112	UN59B(NOTE 310)	A	(V)	
MSC	04-112	UN59C	A	(N)		MSC	04-112	UN59C	A	(N)		MSC	04-112	UN59C	A	(N)		MSC	04-112	UN59C	A	(N)	
MSC	04-112	UN618	A	(ZE)		MSC	04-112	UN618	A	(ZE)		MSC	04-112	UN618	A	(ZE)		MSC	04-112	UN618	A	(ZE)	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(W)D (W)I	MYSEL00 MOD101 DTHCONIC	104 253 102				A0111	D	A1101	434		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		DH0010	ID	DH180	413		10/2				GRD	GRD		139	
ADPC00	DT	APC10	205		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		A0121	D	A1201	435		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		DH0020	ID	DH280	345		10/2				GRD	GRD		141	
ADPR00	DT	APR10	207		11/1-7(BTR) 10/2,10/3 10/4,10/5 10/6,10/7		A0131	D	A1301	437		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		DH0030	ID	DH380	343		10/2				GRD	GRD		143	
A0020	D	A0200	333		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		A0141	D	A1401	438		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		DPA00	ID	DPAB0	311		10/2				GRD	GRD		145	
A0021	D	A0201	334		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		A0151	D	A1501	440		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		DPX00	ID	DPXB0	318		10/2				GRD	GRD		147	
A0031	D	A0301	441		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		A0161	D	A1601	423		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		DPY00	ID	DPYB0	342		10/2				GRD	GRD		149	
A0041	D	A0401	442		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		A0171	D	A1701	416		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		DPZ00	ID	DPZB0	341		10/2				GRD	GRD		151	
A0051	D	A0501	443		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		A0181	D	A1801	415		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		D0000	ID	D00B0	445		10/2				GRD	GRD		153	
A0061	D	A0601	444		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		A0190	(W)D (V)D (N)D (ZE)D	MRT200 BSEL00 BSEL00 AZ101	314		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		D0010	ID	D01B0	447		10/2				GRD	GRD		155	
A0071	D	A0701	417		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		A0191	(W)D (V)D (N)D (ZE)D	MRT100 A1901 A1901 A1901	337		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		D0020	ID	D02B0	450		10/2				GRD	GRD		202	(N)
A0081	D	A0801	420		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		CLRM00	(W)D (V)I (N)I (ZE)I	CLRM00 AZMSEL10 AZMSEL10 AZMSEL10	123		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		D0030	ID	D03B0	452		10/2				GRD	GRD		204	
A0091	D	A0901	421		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		CLR0	I	CLR10	018		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		D0040	ID	D04B0	402		10/2				GRD	GRD		206	
A0101	D	A1001	433		10/2,10/3 10/4,10/5 10/6,10/7 10/8,10/9		CPMD	ID	PCPRA	144		8/3		D0050	ID	D05B0	404		10/2				GRD	GRD		208	

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MAIN STORE, 10 AND DFC UNIT		DWG SIZE	ISSUE
		2	138
AT&T	SD-40099-01	810CA	

PRINTED IN U.S.A.

PART OF FS 10
MAIN STORE

SYMBOL NO. 2 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 2 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 2 (CONT)
MAIN STORE ARRAY

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA00	04-162	TN28(NOTE 307)	A	(W)
MASA00	04-162	TN56	A	(V)
MASA00	04-162	TN2012	A	(ZF)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
D0260	OT	D2680	052	10/3,10/4 10/5,10/6 10/7,10/8 10/9 10/1	
D0270	OT	D2780	055	11/1-7(BTR) 10/3,10/4 10/5,10/6 10/7,10/8 10/9	
D0280	OT	D2880	003	11/1-7(BTR) 10/3,10/4 10/5,10/6 10/7,10/8 10/9 10/1	
D0290	OT	D2980	006	10/3,10/4 10/5,10/6 10/7,10/8 10/9 10/1	
D0300	OT	D3080	009	11/1-7(BTR) 10/3,10/4 10/5,10/6 10/7,10/8 10/9 10/1	
D0310	OT	D3180	012	11/1-7(BTR) 10/3,10/4 10/5,10/6 10/7,10/8 10/9 10/1	
EADP0	(ZF)OT	EADP00	112	(ZA)	(ZA)10/1
GRD04162	(W)I	CASENO	135		
	(V)I	CASENO			
	(ZF)I	CASENO	137		
	(W)I	EXTINGO			
	(V)I	EXTINGO			
	(ZF)I	EXTINGO			
	GRD	GRD	004		
	GRD	GRD	007		
	GRD	GRD	010		
	GRD	GRD	013		
	GRD	GRD	016		
	GRD	GRD	018		
	GRD	GRD	020		
	GRD	GRD	022		
	GRD	GRD	023		
	GRD	GRD	034		
	GRD	GRD	036		
	GRD	GRD	038		
	GRD	GRD	041		
	GRD	GRD	044		
	GRD	GRD	047		
	GRD	GRD	050		
	GRD	GRD	053		
	GRD	GRD	056		
	GRD	GRD	103		
	GRD	GRD	105		
	GRD	GRD	107		
	GRD	GRD	109		
	GRD	GRD	111		
	GRD	GRD	113		

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA00	04-162	TN28(NOTE 307)	A	(W)
MASA00	04-162	TN56	A	(V)
MASA00	04-162	TN2012	A	(ZF)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	115		
	GRD	GRD	117		
	GRD	GRD	119		
	GRD	GRD	121		
	GRD	GRD	123		
	GRD	GRD	133		
	GRD	GRD	139		
	GRD	GRD	141		
	GRD	GRD	143		
	GRD	GRD	145		
	GRD	GRD	147		
	GRD	GRD	149		
	GRD	GRD	151		
	GRD	GRD	153		
	GRD	GRD	155		
	GRD	GRD	200		
	GRD	GRD	202		
	GRD	GRD	204		
	GRD	GRD	206		
	GRD	GRD	208		
	GRD	GRD	210		
	GRD	GRD	212		
	GRD	GRD	214		
	GRD	GRD	216		
	GRD	GRD	218		
	GRD	GRD	220		
	GRD	GRD	221		
	GRD	GRD	222		
	GRD	GRD	232		
	GRD	GRD	234		
	GRD	GRD	236		
	GRD	GRD	238		
	GRD	GRD	240		
	GRD	GRD	242		
	GRD	GRD	244		
	GRD	GRD	246		
	GRD	GRD	248		
	GRD	GRD	250		
	GRD	GRD	252		
	GRD	GRD	254		
	GRD	GRD	303		
	GRD	GRD	306		
	GRD	GRD	309		
	GRD	GRD	312		
	GRD	GRD	315		
	GRD	GRD	316		
	GRD	GRD	319		
	GRD	GRD	322		
	GRD	GRD	323		
	GRD	GRD	324		
	GRD	GRD	334		
	GRD	GRD	337		
	GRD	GRD	340		
	GRD	GRD	343		
	GRD	GRD	346		
	GRD	GRD	349		
	GRD	GRD	352		

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA00	04-162	TN28(NOTE 307)	A	(W)
MASA00	04-162	TN56	A	(V)
MASA00	04-162	TN2012	A	(ZF)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
PSV0	GRD	GRD	356		
	PHR	VCC	000	9/1	
	PHR	VCC	001	9/1	
	PHR	VCC	100	9/1	
	PHR	VCC	101	9/1	
	PHR	VCC	102	9/1	
	PHR	VCC	201	9/1	
	PHR	VCC	300	9/1	
READ01	I	READ11	024	10/1	
REF00	I	REF10	320	10/1	
SELCEV00	OT	SELCEB00	116	10/3,10/4 10/5,10/6 10/7,10/8 10/9	
	I			10/1	
				11/1-7(BTR) TO PRG.C CONTROL FRAME CKT	
SELCOB00	OT	SELCA00	118	10/3,10/4 10/5,10/6 10/7,10/8 10/9 10/1	
	I			11/1-7(BTR) TO PRG.C CONTROL FRAME CKT	
SELREV00	OT	SELR300	120	10/3,10/4 10/5,10/6 10/7,10/8 10/9	
	I			10/1	
				11/1-7(BTR) TO PRG.C CONTROL FRAME CKT	
SELROD00	OT	SELRA00	122	10/3,10/4 10/5,10/6 10/7,10/8 10/9 10/1	
	I			11/1-7(BTR) TO PRG.C CONTROL FRAME CKT	
SEL0000	I	SEL10	033	10/1	
SGC01	I	G011	223	10/1	
WRT400	I	WRT410	021	10/1	
WRT900	I	WRT910	035	10/1	
WRT030	(W)I (V)I (ZF)I	A2011 A2011	017	10/1	

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SYMBOL(S) 2

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MAIN STORE, 10 AND DFC UNIT		DWG SIZE □
		ISSUE 138
AT&T	SD-40099-01	B10CD

PART OF FS 10
MAIN STORE

SYMBOL NO. 4
MAIN STORE ARRAY

SYMBOL NO. 4 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 4 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 4 (CONT)
MAIN STORE ARRAY

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MASA20	04-150	TN28 (NOTE 307)	A	(W)	MASA20	04-150	TN28 (NOTE 307)	A	(W)	MASA20	04-150	TN28 (NOTE 307)	A	(W)	MASA20	04-150	TN28 (NOTE 307)	A	(W)
MASA20	04-150	TN56	A	(V)	MASA20	04-150	TN56	A	(V)	MASA20	04-150	TN56	A	(V)	MASA20	04-150	TN56	A	(V)
MASA20	04-150	TN2012	A	(ZF)	MASA20	04-150	TN2012	A	(ZF)	MASA20	04-150	TN2012	A	(ZF)	MASA20	04-150	TN2012	A	(ZF)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC		LTSTACKG	108				D0080	OT	D0800	345		10/2															
	(V)O	TESTO0	253				D0090	OT	D0900	348		10/2															
	(ZF)O	TESTO0					D0100	OT	D1000	351		10/2															
	(ZF)O	GRD	355																								
	(ZF)I	DHLF10	106				D0110	OT	D1100	354		10/2															
	I	LTESTO	110				D0120	OT	D1200	302		10/2															
	I	CASENC	134				D0130	OT	D1300	305		10/2															
	I	EXT INCO	136				D0140	OT	D1400	308		10/2															
	I	LEDONO	138				D0150	OT	D1500	311		10/2															
	I	P5SENS0	148				D0160	OT	D1600	045		10/2															
	I	PICURAPR	243				D0170	OT	D1700	048		10/2															
ADPC00	OT	ADPC00	114		10/1		D0180	OT	D1800	051		10/2															
ADPRO0	OT	ADPRO0	215		10/1		D0190	OT	D1900	054		10/2															
A0020	I	A0210	233		10/1		D0200	OT	D2000	002		10/2															
A0021	I	A0211	235		10/1		D0210	OT	D2100	005		10/2															
A0031	I	A0311	339		10/1		D0220	OT	D2200	008		10/2															
A0041	I	A0411	241		10/1		D0230	OT	D2300	011		10/2															
A0051	I	A0511	341		10/1		D0240	OT	D2400	046		10/2															
A0061	I	A0611	342		10/1		D0250	OT	D2500	049		10/2															
A0071	I	A0711	317		10/1		D0260	OT	D2600	052		10/2															
A0081	I	A0811	318		10/1		D0270	OT	D2700	055		10/2															
A0091	I	A0911	219		10/1		D0280	OT	D2800	003		10/2															
A0101	I	A1011	332		10/1		D0290	OT	D2900	006		10/2															
A0111	I	A1111	333		10/1		D0300	OT	D3000	009		10/2															
A0121	I	A1211	335		10/1		D0310	OT	D3100	012		10/2															
A0131	I	A1311	336		10/1		EADP0	(ZF)OT	EADP00	112	(ZA)	(ZA)10/1															
A0141	I	A1411	237		10/1		GRD04150	(W)IO	CASENO	135																	
A0151	I	A1511	338		10/1			(V)I	CASENO																		
A0161	I	A1611	217		10/1			(ZF)I	CASENO																		
A0171	I	A1711	213		10/1			(W)IO	EXT INCO	137																	
A0181	I	A1811	209		10/1			(V)I	EXT INCO																		
A0190	(W)I	A1910	019		10/1			(ZF)I	EXT INCO																		
	(V)I	ESEL10						(ZF)I	EXT INCO																		
	(ZF)I	AZ110						GRD	GRD	004																	
	I	A1911	037		10/1			GRD	GRD	007																	
A0191	(W)I	A1911	321		10/1			GRD	GRD	010																	
CLRM00	(W)I							GRD	GRD	013																	
	(V)GZ	GRD						GRD	GRD	016																	
	(ZF)IO	AAHSELO1						GRD	GRD	018																	
CPMD	(W)IO	PICURSPR	144		8/3			GRD	GRD	020																	
	(V)I	PICURSPR						GRD	GRD	022																	
	(ZF)I	PICURSPR						GRD	GRD	023																	
CPFD	(W)IO	NICURSPR	146		8/3			GRD	GRD	034																	
	(V)I	NICURSPR						GRD	GRD	036																	
	(ZF)I	NICURSPR						GRD	GRD	038																	
DH0000	OT	DH0000	014		10/2			GRD	GRD	041																	
DH0010	OT	DH0100	314		10/2			GRD	GRD	044																	
DH0020	OT	DH0200	039		10/2			GRD	GRD	047																	
DH0030	OT	DH0300	042		10/2			GRD	GRD	050																	
DPAD00	OT	DPAD00	313		10/2			GRD	GRD	053																	
DPX000	OT	DPX000	015		10/2			GRD	GRD	056																	
DPY000	OT	DPY000	040		10/2			GRD	GRD	103																	
DPZ000	OT	DPZ000	043		10/2			GRD	GRD	105																	
D00000	OT	D00000	344		10/2			GRD	GRD	107																	
D00100	OT	D01000	347		10/2			GRD	GRD	109																	
D00200	OT	D02000	350		10/2			GRD	GRD	111																	
D00300	OT	D03000	353		10/2			GRD	GRD	113																	
D00400	OT	D04000	301		10/2			GRD	GRD	115																	
D00500	OT	D05000	304		10/2			GRD	GRD	117																	
D00600	OT	D06000	307		10/2			GRD	GRD	119																	
D00700	OT	D07000	310		10/2																						

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SYMBOL(S) 4

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MAIN STORE, IO AND DFC UNIT

AT&T SD-4C099-01

DWG SIZE 13B

ISSUE 13B

810CF

PART OF FS 10
MAIN STORE

SYMBOL NO. 5
MAIN STORE ARRAY

SYMBOL NO. 5 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 5 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 5 (CONT)
MAIN STORE ARRAY

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MASA30	04-144	TN28(NOTE 307)	A	(W)
MASA30	04-144	TN56	A	(V)
MASA30	04-144	TN2012	A	(ZF)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MASA30	04-144	TN28(NOTE 307)	A	(W)
MASA30	04-144	TN56	A	(V)
MASA30	04-144	TN2012	A	(ZF)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MASA30	04-144	TN28(NOTE 307)	A	(W)
MASA30	04-144	TN56	A	(V)
MASA30	04-144	TN2012	A	(ZF)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MASA30	04-144	TN28(NOTE 307)	A	(W)
MASA30	04-144	TN56	A	(V)
MASA30	04-144	TN2012	A	(ZF)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	0	L1STACK0	108			
	(V)0	TEST00	253			
	(ZF)0	TEST00				
	(ZF)0	GRD	355			
	(ZF)1	DLFT10	106			
	1	LTEST0	110			
	1	CASEN0	134			
	1	EXTING0	136			
	1	LEDON0	138			
	1	P5SENSE	148			
ADPC00	1	PCLRAPR	243			
ADPR00	OT	ADPC00	114		10/1	
	OT	ADPR00	215		10/1	
A0020	1	A0210	233		10/1	
A0021	1	A0211	235		10/1	
A0031	1	A0311	339		10/1	
A0041	1	A0411	241		10/1	
A0051	1	A0511	341		10/1	
A0061	1	A0611	342		10/1	
A0071	1	A0711	317		10/1	
A0081	1	A0811	318		10/1	
A0091	1	A0911	219		10/1	
A0101	1	A1011	332		10/1	
A0111	1	A1111	333		10/1	
A0121	1	A1211	335		10/1	
A0131	1	A1311	336		10/1	
A0141	1	A1411	237		10/1	
A0151	1	A1511	338		10/1	
A0161	1	A1611	217		10/1	
A0171	1	A1711	213		10/1	
A0181	1	A1811	209		10/1	
A0190	(W)1	A1910	019		10/1	
	(V)1	BSEL10				
	(ZF)1	A2110				
A0191	1	A1911	037		10/1	
CLRM00	(W)1	GRD	321		10/1	
	(V)GZ	GRD				
	(ZF)10	A4MSEL01				
CPMD	(W)10	PCLRSFR	144		8/3	
	(V)11	PCLRSFR				
	(ZF)11	PCLRSFR				
CPPD	(W)10	NCLRPR	146		8/3	
	(V)11	NCLRPR				
	(ZF)11	NCLRPR				
DH0000	OT	DH00B0	014		10/2	
DH0010	OT	DH01B0	314		10/2	
DH0020	OT	DH02B0	039		10/2	
DH0030	OT	DH03B0	042		10/2	
DPA00	OT	DPAB0	313		10/2	
DPX00	OT	DPXB0	015		10/2	
DPY00	OT	DPYB0	040		10/2	
DPZ00	OT	DPZB0	043		10/2	
D0000	OT	D00B0	344		10/2	
D0010	OT	D01B0	347		10/2	
D0020	OT	D02B0	350		10/2	
D0030	OT	D03B0	353		10/2	
D0040	OT	D04B0	301		10/2	
D0050	OT	D05B0	304		10/2	
D0060	OT	D06B0	307		10/2	
D0070	OT	D07B0	310		10/2	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
D0080	OT	D08B0	345		10/2	
D0090	OT	D09B0	348		10/2	
D0100	OT	D10B0	351		10/2	
D0110	OT	D11B0	354		10/2	
D0120	OT	D12B0	302		10/2	
D0130	OT	D13B0	305		10/2	
D0140	OT	D14B0	308		10/2	
D0150	OT	D15B0	311		10/2	
D0160	OT	D16B0	045		10/2	
D0170	OT	D17B0	048		10/2	
D0180	OT	D18B0	051		10/2	
D0190	OT	D19B0	054		10/2	
D0200	OT	D20B0	002		10/2	
D0210	OT	D21B0	005		10/2	
D0220	OT	D22B0	008		10/2	
D0230	OT	D23B0	011		10/2	
D0240	OT	D24B0	046		10/2	
D0250	OT	D25B0	049		10/2	
D0260	OT	D26B0	052		10/2	
D0270	OT	D27B0	055		10/2	
D0280	OT	D28B0	003		10/2	
D0290	OT	D29B0	006		10/2	
D0300	OT	D30B0	009		10/2	
D0310	OT	D31B0	012		10/2	
EADP0	(ZF)OT	EADP00	112		(ZA)	(ZA)10/1
GRD04144	(W)10	CASEN0	135			
	(V)11	CASEN0				
	(ZF)11	CASEN0				
	(W)10	EXTING0	137			
	(V)11	EXTING0				
	(ZF)11	EXTING0				
	GRD	GRD	004			
	GRD	GRD	007			
	GRD	GRD	010			
	GRD	GRD	013			
	GRD	GRD	016			
	GRD	GRD	018			
	GRD	GRD	020			
	GRD	GRD	022			
	GRD	GRD	023			
	GRD	GRD	034			
	GRD	GRD	036			
	GRD	GRD	038			
	GRD	GRD	041			
	GRD	GRD	044			
	GRD	GRD	047			
	GRD	GRD	050			
	GRD	GRD	053			
	GRD	GRD	056			
	GRD	GRD	103			
	GRD	GRD	105			
	GRD	GRD	107			
	GRD	GRD	109			
	GRD	GRD	111			
	GRD	GRD	113			
	GRD	GRD	115			
	GRD	GRD	117			
	GRD	GRD	119			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	133			
	GRD	GRD	139			
	GRD	GRD	141			
	GRD	GRD	143			
	GRD	GRD	145			
	GRD	GRD	147			
	GRD	GRD	149			
	GRD	GRD	151			
	GRD	GRD	153			
	GRD	GRD	155			
	GRD	GRD	200			
	GRD	GRD	202			
	GRD	GRD	204			
	GRD	GRD	206			
	GRD	GRD	208			
	GRD	GRD	210			
	GRD	GRD	212			
	GRD	GRD	214			
	GRD	GRD	216			
	GRD	GRD	218			
	GRD	GRD	220			
	GRD	GRD	221			
	GRD	GRD	222			
	GRD	GRD	232			
	GRD	GRD	234			
	GRD	GRD	236			
	GRD	GRD	238			
	GRD	GRD	240			
	GRD	GRD	242			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	248			
	GRD	GRD	250			
	GRD	GRD	252			
	GRD	GRD	254			
	GRD	GRD	303			
	GRD	GRD	306			
	GRD	GRD	309			
	GRD	GRD	312			
	GRD	GRD	315			
	GRD	GRD	316			
	GRD	GRD	319			
	GRD	GRD	322			
	GRD	GRD	323			
	GRD	GRD	324			
	GRD	GRD	334			
	GRD	GRD	337			
	GRD	GRD	340			
	GRD	GRD	343			
	GRD	GRD	346			
	GRD	GRD	349			
	GRD	GRD	352			
	GRD	GRD	356			
PSVD	PMR	VCC	000		9/1	
	PMR	VCC	001		9/1	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PMR	VCC	100		9/1	
	PMR	VCC	101		9/1	
	PMR	VCC	102		9/1	
	PMR	VCC	201		9/1	
	PMR	VCC	300		9/1	
READ01	1	READ11	024		10/1	
REF00	1	REF10	320		10/1	
SELCEV00	OT	SELCEB00	116		10/2	
SELCD000	OT	SELCD00	118		10/2	
SELREV00	OT	SELREB00	120		10/2	
SELROD000	OT	SELRA00	122		10/2	
SELRO30	1	SEL10	033		10/1	
SG031	1	G011	223		10/1	

PART OF FS 10
MAIN STORE

SYMBOL NO. 6
MAIN STORE ARRAY

SYMBOL NO. 6 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 6 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 6 (CONT)
MAIN STORE ARRAY

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MASA40	04-138	TN28(NOTE 307)	A	(H)
MASA40	04-138	TN56	A	(V)
MASA40	04-138	TN2012	A	(ZF)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
NC		LTSTACKO	108		
	(V)0	TEST00	253		
	(ZF)0	TEST00			
	(ZF)0	GRD	355		
	(ZF)1	QMLFID	106		
	I	LTEST0	110		
	I	CASENO	134		
	I	EXTINGO	136		
	I	LEDONO	138		
	I	PSSENSE	148		
ADPR00	I	PLURAPR	243		
ADPR00	OT	ADPR00	114	10/1	
ADPR00	OT	ADPR00	215	10/1	
A0020	I	A0210	233	10/1	
A0021	I	A0211	235	10/1	
A0031	I	A0311	339	10/1	
A0041	I	A0411	241	10/1	
A0051	I	A0511	341	10/1	
A0061	I	A0611	342	10/1	
A0071	I	A0711	317	10/1	
A0081	I	A0811	318	10/1	
A0091	I	A0911	219	10/1	
A0101	I	A1011	332	10/1	
A0111	I	A1111	333	10/1	
A0121	I	A1211	335	10/1	
A0131	I	A1311	336	10/1	
A0141	I	A1411	237	10/1	
A0151	I	A1511	338	10/1	
A0161	I	A1611	217	10/1	
A0171	I	A1711	213	10/1	
A0181	I	A1811	209	10/1	
A0190	(H)1	A1910	019	10/1	
	(V)1	BSEL10			
	(ZF)1	A2110			
A0191	I	A1911	037	10/1	
CLRM00	(H)1		321	10/1	
	(V)GZ	GRD			
	(ZF)10	AAMSEL01			
CPMD	(H)10	PLURSPR	144	8/3	
	(V)1	PLURSPR			
	(ZF)1	PLURSPR			
CPPD	(H)10	NEURPR	146	8/3	
	(V)1	NEURPR			
	(ZF)1	NEURPR			
DH0000	OT	DH00B0	014	10/2	
DH0010	OT	DH01B0	314	10/2	
DH0020	OT	DH02B0	039	10/2	
DH0030	OT	DH03B0	042	10/2	
DPA00	OT	DPAB0	313	10/2	
DPX00	OT	DPXB0	015	10/2	
DPY00	OT	DPYB0	040	10/2	
DPZ00	OT	DPZB0	043	10/2	
D0000	OT	D00B0	344	10/2	
D0010	OT	D01B0	347	10/2	
D0020	OT	D02B0	350	10/2	
D0030	OT	D03B0	353	10/2	
D0040	OT	D04B0	301	10/2	
D0050	OT	D05B0	304	10/2	
D0060	OT	D06B0	307	10/2	
D0070	OT	D07B0	310	10/2	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
D0080	OT	D08B0	345	10/2	
D0090	OT	D09B0	348	10/2	
D0100	OT	D10B0	351	10/2	
D0110	OT	D11B0	354	10/2	
D0120	OT	D12B0	302	10/2	
D0130	OT	D13B0	305	10/2	
D0140	OT	D14B0	308	10/2	
D0150	OT	D15B0	311	10/2	
D0160	OT	D16B0	045	10/2	
D0170	OT	D17B0	048	10/2	
D0180	OT	D18B0	051	10/2	
D0190	OT	D19B0	054	10/2	
D0200	OT	D20B0	002	10/2	
D0210	OT	D21B0	005	10/2	
D0220	OT	D22B0	008	10/2	
D0230	OT	D23B0	011	10/2	
D0240	OT	D24B0	046	10/2	
D0250	OT	D25B0	049	10/2	
D0260	OT	D26B0	052	10/2	
D0270	OT	D27B0	055	10/2	
D0280	OT	D28B0	003	10/2	
D0290	OT	D29B0	006	10/2	
D0300	OT	D30B0	009	10/2	
D0310	OT	D31B0	012	10/2	
EADP0	(ZF)OT	EADP00	112	(2A)	(2A) 10/1
GRD04138	(H)10	CASENO	135		
	(V)1	CASENO			
	(ZF)1	CASENO			
	(H)10	EXTINGO	137		
	(V)1	EXTINGO			
	(ZF)1	EXTINGO			
	GRD	GRD	004		
	GRD	GRD	007		
	GRD	GRD	010		
	GRD	GRD	013		
	GRD	GRD	016		
	GRD	GRD	018		
	GRD	GRD	020		
	GRD	GRD	022		
	GRD	GRD	023		
	GRD	GRD	034		
	GRD	GRD	036		
	GRD	GRD	038		
	GRD	GRD	041		
	GRD	GRD	044		
	GRD	GRD	047		
	GRD	GRD	050		
	GRD	GRD	053		
	GRD	GRD	056		
	GRD	GRD	105		
	GRD	GRD	105		
	GRD	GRD	107		
	GRD	GRD	109		
	GRD	GRD	111		
	GRD	GRD	113		
	GRD	GRD	115		
	GRD	GRD	117		
	GRD	GRD	119		
PSV0	PHR	VCC	356	9/1	
	PHR	VCC	000	9/1	
	PHR	VCC	001		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	PHR	VCC	100	9/1	
	PHR	VCC	101	9/1	
	PHR	VCC	102	9/1	
READ01	I	READ11	024	10/1	
REF00	I	REF10	320	10/1	
SELCEV00	OT	SELCA00	118	10/2	
SELCO000	OT	SELCO00	116	10/2	
SELREV00	OT	SELRA00	122	10/2	
SELRO000	OT	SELRO00	120	10/2	
SEL0040	I	SEL10	033	10/1	
SG001	I	GO11	223	10/1	
WRT000	I	WRT10	021	10/1	
WRT000	I	WRT010	035	10/1	
WRT030	(H)1		017	10/1	
	(V)1	A2011			
	(ZF)1	A2011			

PART OF FS 10
SYMBOL (S) 6

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MAIN STORE, TO AND FROM UNIT		TAG SIZE 13B
AT&T	SD-4C099-01	B10CH

PART OF FS 10
MAIN STORE

SYMBOL NO. 8
MAIN STORE ARRAY

SYMBOL NO. 8 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 8 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 8 (CONT)
MAIN STORE ARRAY

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT					
MASA60	04-126	TN28(NOTE 307)	A	(W)	MASA60	04-126	TN28(NOTE 307)	A	(W)	MASA60	04-126	TN28(NOTE 307)	A	(W)	MASA60	04-126	TN28(NOTE 307)	A	(W)					
MASA60	04-126	TN56	A	(V)	MASA60	04-126	TN56	A	(V)	MASA60	04-126	TN56	A	(V)	MASA60	04-126	TN56	A	(V)	MASA60	04-126	TN56	A	(V)
MASA60	04-126	TN2012	A	(ZF)	MASA60	04-126	TN2012	A	(ZF)	MASA60	04-126	TN2012	A	(ZF)	MASA60	04-126	TN2012	A	(ZF)	MASA60	04-126	TN2012	A	(ZF)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
NC		LTSTACKO	108			D0080	DT	D0880	345	10/2													
	(V)0	TEST00	253			D0090	DT	D0980	348	10/2													
	(ZF)0	TEST00				D0100	DT	D1080	351	10/2													
	(ZF)1	OHLF10	106			D0110	DT	D1180	354	10/2													
	1	LTESTO	110			D0120	DT	D1280	302	10/2													
	1	CASENO	134			D0130	DT	D1380	305	10/2													
	1	EXTINGO	136			D0140	DT	D1480	308	10/2													
	1	LEDONO	138			D0150	DT	D1580	311	10/2													
	1	PSSENSE	148			D0160	DT	D1680	045	10/2													
ADPC00	DT	PCURAPR	243			D0170	DT	D1780	048	10/2													
ADPR00	DT	ADPC00	174	10/1		D0180	DT	D1880	051	10/2													
	DT	ADPR00	215	10/1		D0190	DT	D1980	054	10/2													
A0020	I	A0210	233	10/1		D0200	DT	D2080	002	10/2													
A0021	I	A0211	235	10/1		D0210	DT	D2180	005	10/2													
A0031	I	A0311	339	10/1		D0220	DT	D2280	008	10/2													
A0041	I	A0411	241	10/1		D0230	DT	D2380	011	10/2													
A0051	I	A0511	341	10/1		D0240	DT	D2480	046	10/2													
A0061	I	A0611	342	10/1		D0250	DT	D2580	049	10/2													
A0071	I	A0711	317	10/1		D0260	DT	D2680	052	10/2													
A0081	I	A0811	318	10/1		D0270	DT	D2780	055	10/2													
A0091	I	A0911	219	10/1		D0280	DT	D2880	003	10/2													
A0101	I	A1011	332	10/1		D0290	DT	D2980	006	10/2													
A0111	I	A1111	333	10/1		D0300	DT	D3080	009	10/2													
A0121	I	A1211	335	10/1		D0310	DT	D3180	012	10/2													
A0131	I	A1311	336	10/1		EADP0	(ZF)DT	EADP00	112	(ZA)	(ZA)10/1												
A0141	I	A1411	237	10/1		GRD04126	(W)10	CASENO	135														
A0151	I	A1511	338	10/1			(V)1	CASENO															
							(ZF)1	CASENO															
A0161	I	A1611	217	10/1			(W)10	EXTINGO	137														
A0171	I	A1711	215	10/1			(V)1	EXTINGO															
A0181	I	A1811	209	10/1			(ZF)1	EXTINGO															
A0190	(W)1	A1910	019	10/1			GRD	GRD	004														
	(V)1	BSEL10					GRD	GRD	007														
	(ZF)1	AZ110					GRD	GRD	010														
A0191	I	A1911	037	10/1			GRD	GRD	013														
CLRM00	(W)1	GRD	321	10/1			GRD	GRD	016														
	(V)02	GRD					GRD	GRD	018														
	(ZF)10	A4MSEL01					GRD	GRD	020														
CPMD	(W)10	PCURSPR	144	8/3			GRD	GRD	022														
	(V)1	PCURSPR					GRD	GRD	023														
	(ZF)1	PCURSPR					GRD	GRD	025														
CPPD	(W)10	NCURPR	146	8/3			GRD	GRD	034														
	(V)1	NCURPR					GRD	GRD	036														
	(ZF)1	NCURPR					GRD	GRD	038														
DH0000	DT	DH0080	014	10/2			GRD	GRD	041														
DH0010	DT	DH0180	314	10/2			GRD	GRD	044														
DH0020	DT	DH0280	039	10/2			GRD	GRD	047														
DH0030	DT	DH0380	042	10/2			GRD	GRD	050														
DP400	DT	DP480	313	10/2			GRD	GRD	053														
DPX00	DT	DPX80	015	10/2			GRD	GRD	056														
DPY00	DT	DPY80	040	10/2			GRD	GRD	103														
DP200	DT	DP280	043	10/2			GRD	GRD	105														
D0000	DT	D0080	344	10/2			GRD	GRD	107														
D0010	DT	D0180	347	10/2			GRD	GRD	109														
D0020	DT	D0280	350	10/2			GRD	GRD	111														
D0030	DT	D0380	353	10/2			GRD	GRD	115														
D0040	DT	D0480	301	10/2			GRD	GRD	119														
D0050	DT	D0580	304	10/2			GRD	GRD	000														
D0060	DT	D0680	307	10/2			GRD	GRD	001														
D0070	DT	D0780	310	10/2			GRD	GRD															

PART OF FS 10
SYMBOL(S) 8

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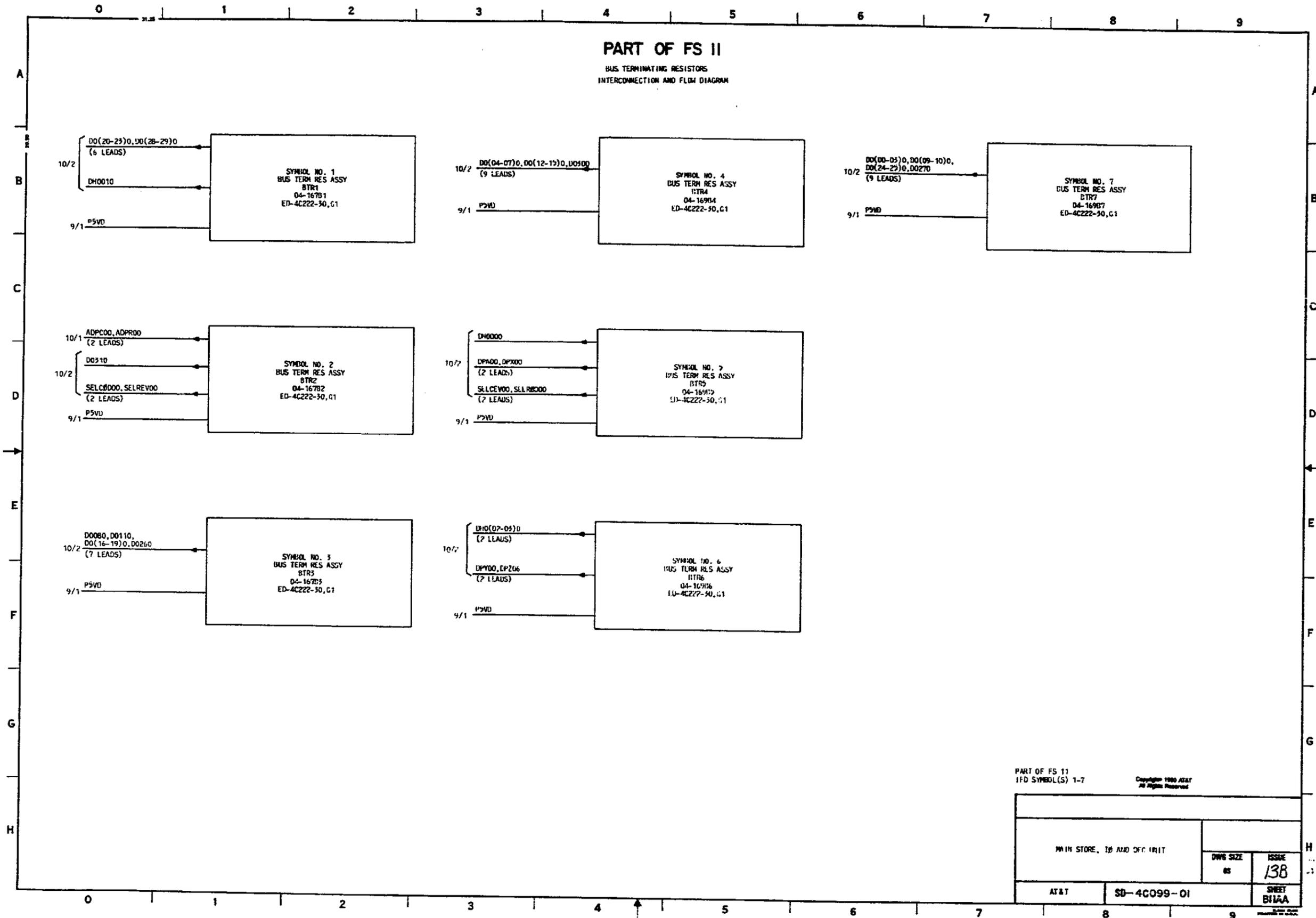
MAIN STORE, 10 AND DFC UNIT

DWG SIZE: 13B

AT&T SD-4099-01 B10CK

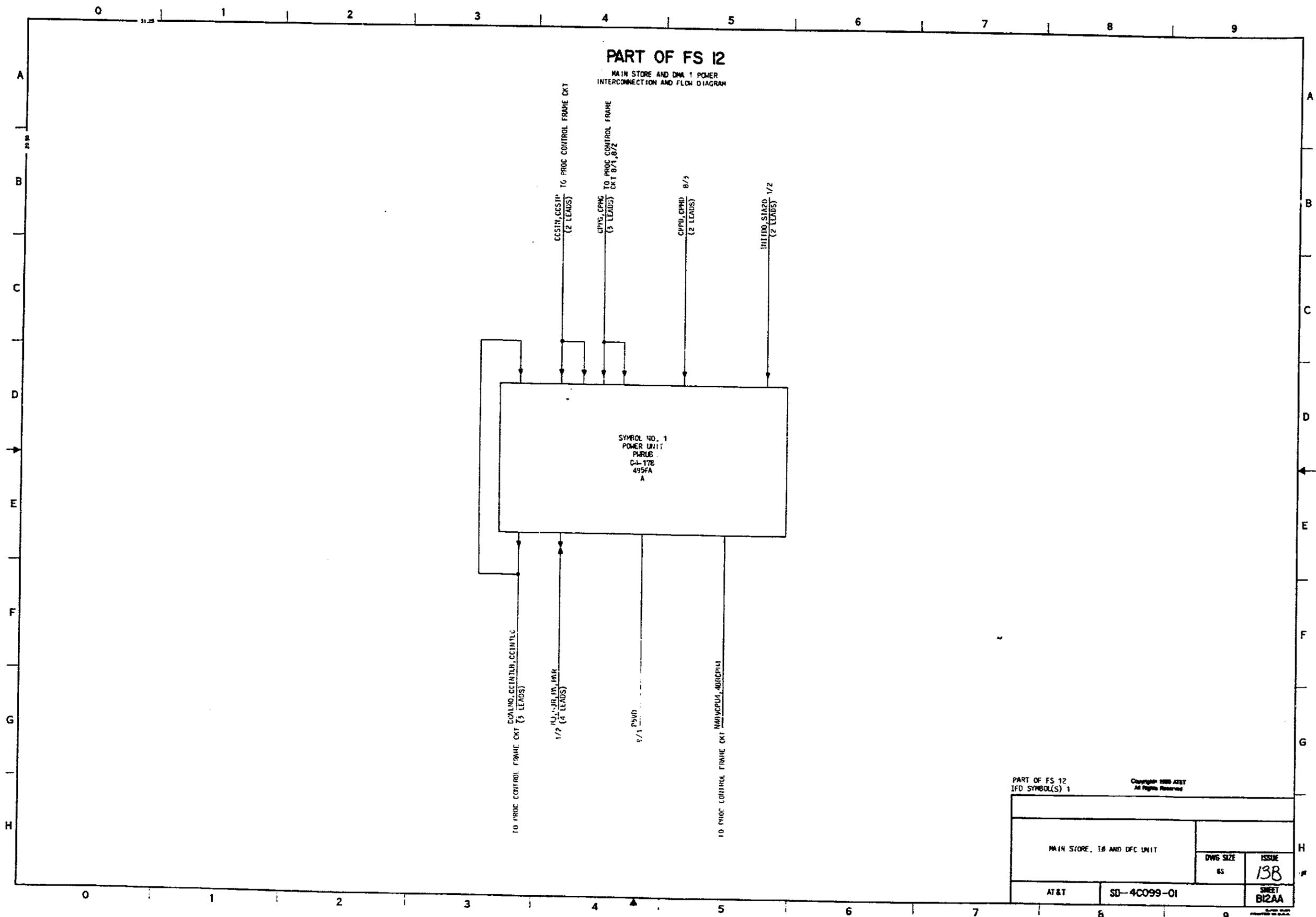
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PART OF FS II
 BUS TERMINATING RESISTORS
 INTERCONNECTION AND FLOW DIAGRAM



PART OF FS II
 1FD SYMBOL(S) 1-7
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MAIN STORE, 18 AND OFF UNIT		DWG SIZE	ISSUE
		AS	138
AT&T	SD-4C099-01	SHEET B11AA	



PART OF FS 12
 MAIN STORE AND DMA 1 POWER
 INTERCONNECTION AND FLOW DIAGRAM

SYMBOL NO. 1
 POWER UNIT
 PARLUB
 C-1 178
 495FA
 A

PART OF FS 12 IFD SYMBOL(S) 1		Copyright 1985 ASET All Rights Reserved	
MAIN STORE, I&B AND DFC UNIT		DWG SIZE 85	ISSUE 138
AT&T	SD-40099-01	SHEET B12AA	

APP FIG. 1

CIRCUIT PACK		04-022		04-028		04-028		04-034		04-034		04-034		04-034		04-034		04-040		04-044		04-044		04-044		EDPT LOC				
DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	
OPTION	ELEM IDENT	OPTION	ELEM IDENT	OPTION	ELEM IDENT	OPTION	ELEM IDENT	OPTION	ELEM IDENT	OPTION	ELEM IDENT	OPTION	ELEM IDENT	OPTION	ELEM IDENT	OPTION	ELEM IDENT	OPTION	ELEM IDENT	OPTION	ELEM IDENT	OPTION	ELEM IDENT	OPTION	ELEM IDENT	OPTION	ELEM IDENT	OPTION	ELEM IDENT	
MCSG	X,Y	MCSA	X	MCSA	Y	MCSB	F	MCSB	G	MCSB	X	MCSB	Y	MCSB	ZJ	TCU		DFCI	F	DFCI	X	DFCI	Y	DFCI	Y					
(NOTE 304,306)		(NOTE 304,306)				MC4C061A1B(TN68)		MC4C127A1B(TN19)		MC4C061B1C(TN68)		MC4C127A1C(TN19)		MC4C061B1C(TN68)		MC4C127A1D(TN19)														
CT	DESIG	FS/SYM	CT	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	CT
A		2/3			2/1		2/1		2/2		2/2		2/2		2/2		2/2		3/1		4/1		4/1		4/1		4/1		A	
CIRCUIT PACK		04-052		04-052		04-058		04-064		04-074		04-074		04-080		04-088		04-088		04-112		04-112		04-112		04-112		EDPT LOC		
DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	
BIC	TN70B	BIC	TN70C	DDSB5	TN69B	PDI	UN64	DFCPWRC	TN3B	DFCPWRC	TN3	DSCM	UN9B	DNAC	UN46	DNAC	UN46	MSC	UN59C	MSC	UN59B(NOTE 310)	MSC	UN59	MSC	UN59	MSC	UN618	MSC	UN618	
ZL		ZM						H		J			ZD	ZG	N	V	M													
CT	DESIG	FS/SYM	CT	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	CT
A		5/1			5/1		6/1		7/1		1/2		1/2		8/2		8/1		8/1		10/1		10/1		10/1		10/1		10/1	A
CIRCUIT PACK		04-162		04-162		04-162		EDPT LOC		BTR																				
DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	DESIG	CODE	
MASA00	TN56	MASA00	TN28(NOTE 307)	MASA00	TN2012		ZF																							
V		H																												
CT	DESIG	FS/SYM	CT	DESIG	FS/SYM	DESIG	FS/SYM	CT																						
A		10/2			10/2		10/2	A																						
										BTR																				
										OPTION		DESIG		FS/SYM		CODE														
										BTR1		11/1		ED-4C222-30,G1																
										BTR2		11/2		ED-4C222-30,G1																
										BTR3		11/3		ED-4C222-30,G1																
										BTR4		11/4		ED-4C222-30,G1																
										BTR5		11/5		ED-4C222-30,G1																
										BTR6		11/6		ED-4C222-30,G1																
										BTR7		11/7		ED-4C222-30,G1																
										PWR CONV																				
										OPTION		DESIG		FS/SYM		CODE														
										PWRUB		12/1		495FA(NOTE 309)																
										PWRUC		1/1		495FA(NOTE 309)																

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MAIN STORE, IO AND DFC UNIT		DWG SIZE C2
AT&T		ISSUE 14M
SD-4C099-01		C1

APP FIG. 2

CIRCUIT PACK		04-120		04-120		04-120		04-126		04-126		04-126		04-132		04-132		04-132		04-138		04-138		04-138		04-144		EOPT LOC	
DESIG	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	MASA70	DESIG
CODE	TN56	TN28(NOTE 307)	CODE																										
OPTION	V	W	ZF	Y	W	ZF	OPTION																						
ELEM IDENT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	ELEM IDENT	
DESIG		FS/SYM	DESIG	FS/SYM	CKT																								
A		10/9		10/9		10/9		10/8		10/8		10/8		10/7		10/7		10/7		10/6		10/6		10/6		10/6		10/5	A

CIRCUIT PACK		04-144		04-144		04-150		04-150		04-150		04-156		04-156		04-156		EOPT LOC	
DESIG	MASA30	DESIG																	
CODE	TN28(NOTE 307)	CODE																	
OPTION	W	ZF	V	W	ZF	Y	OPTION												
ELEM IDENT	CKT	ELEM IDENT																	
DESIG		FS/SYM	DESIG	FS/SYM	DESIG														
A		10/5		10/5		10/4		10/4		10/4		10/3		10/3		10/3		A	

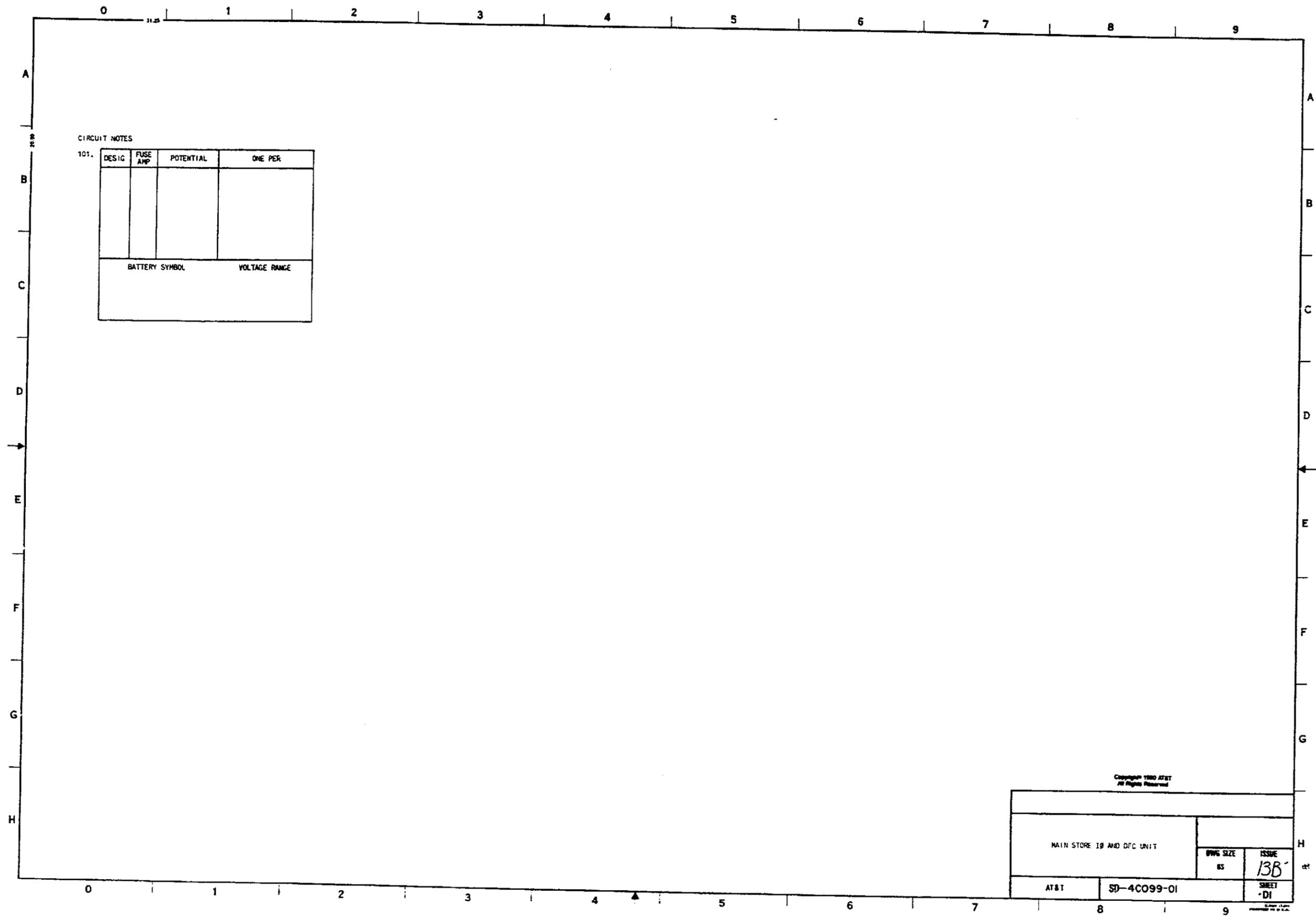
APP FIG. 3

CIRCUIT PACK		04-096		04-096		EOPT LOC	
DESIG	DMAC	DMAC	DMAC	DMAC	DMAC	DMAC	DESIG
CODE	UN46D	UN46(NOTE 307)	UN46(NOTE 307)	UN46(NOTE 307)	UN46(NOTE 307)	UN46(NOTE 307)	CODE
OPTION	ZD	ZG	ZG	ZG	ZG	ZG	OPTION
ELEM IDENT	CKT	CKT	CKT	CKT	CKT	CKT	ELEM IDENT
DESIG		FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG
A		9/1		9/1		A	

APP FIG. 4

CIRCUIT PACK		04-104		04-104		EOPT LOC	
DESIG	NICP	NICP	NICP	NICP	NICP	NICP	DESIG
CODE	MC4C108A1B(UN109)	MC4C108A1B(UN109)	MC4C108A1B(UN109)	MC4C108A1B(UN109)	MC4C108A1B(UN109)	MC4C108A1B(UN109)	CODE
OPTION	L	M	M	M	M	M	OPTION
ELEM IDENT	CKT	CKT	CKT	CKT	CKT	CKT	ELEM IDENT
DESIG		FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG
A		8/3		8/3		A	

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MAIN STORE, IO AND DFC UNIT		DWG SIZE C2
AT&T	SD-4099-01	ISSUE 138
		C2



CIRCUIT NOTES

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
BATTERY SYMBOL		VOLTAGE RANGE	

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MAIN STORE 19 AND DFC UNIT		
	DWG SIZE B5	ISSUE 13B
AT&T	SD-4C099-01	SHEET -D1

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.

302. CONT

FEATURE OR OPTION	PROVIDE			
	APP FIG.	APP OR WRG	QUANTITY	
MAIN STORE, I/O & DFC UNIT ARRANGED FOR 8 POS OF 1 MEGABYTE (MB)* OR 8 POS OF 2 MEGABYTE (MB)* OF MAIN STORE MEMORY (MSM), 3 POS OF 8K PROM MICRO CONTROL STORE (MCS), DFC, DMAC 0 & 1, 2-1/8 CH & E/A 1ST 1MB MSM, 2-8K PROM MCS, DMAC 0, & 1-1/8 CH	SEE NOTES 305, 306, 309, 310	Y, W, K, J, ZC	1 PER CKT	
16K EPROM WRITABLE MICRO CONTROL STORE	SEE NOTES 306, 307	(1) X OMIT Y	MAX 3 PER CKT	
ADDITIONAL INRUSH PROTECTION	SEE NOTE 318	(1) H OMIT J	1 PER CKT	
1ST 2MB MSM IN PLACE OF 1ST 1MB MSM	SEE NOTE 307	1,2 V OMIT W	MAX 1 PER CKT	
DIRECT MEMORY ACCESS 1	SEE NOTES 309, 311	3 M, T, ZG	1 PER CKT	
I/O CHANNEL	SEE NOTE 308	4 Z	1 PER CKT	
DC POWER DIST PROG RES (MODEL 3)	CP POWER ARR 1 (BASIC)	(1,3) Q,R	1 PER CKT	
	CP POWER ARR 5 (2ND DMA OR I/O CH)	(1) P OMIT Q,R	1 PER CKT	
DISK TYPE SELECT (SEE NOTE 312)	675 MB DISK DRIVE (3BROS, MCD 2)	(1)	1 PER CKT	
	300 MB DISK DRIVE	(1)	1 PER CKT	
	340 MB DISK DRIVE	(1) S	1 PER CKT	
	160 MB DISK DRIVE	(1) NONE	1 PER CKT	
CAPABILITY FOR MEMORY EXPANSION (UNIX RTR RELEASE 1)		(1) N OMIT W	1 PER CKT	
3BNET FOR DMAC 0 WITH MDCP CIRCUIT PACK IN CH 12 (UNIX RTR RELEASE 2 REQUIRED)		(4) L	1 PER CKT	
FIRMWARE REQUIRED FOR 300 MB DISK DRIVES	CONTROL DATA CORP. (CDC)	MC4C061A1B (TN68) & MC4C061B1B (TN68) OR MC4C061B1C (TN68)	(1) Y G	1 PER CKT
		MC4C061A1B (TN68) & MC4C061B1C (TN68)	Y G	1 PER CKT
	CENTURY DATA SYSTEMS (CDS)	OMIT MC4C061B1B (TN68)	OMIT Y	
			F OMIT P/O X	1 PER CKT
16K EPROM WRITABLE MICRO CONTROL STORE MC4C127A1E (TN19) & UN55		1 F OMIT P/O X	1 PER CKT	
VLMW COMPATIBILITY WIRING		(1) ZA	1 PER CKT	

FEATURE OR OPTION	PROVIDE		
	APP FIG.	APP OR WRG	QUANTITY
ADDITIONAL VLMW COMPATIBILITY WIRING	SEE NOTE 319	1 ZB	1 PER CKT
VLMW R<6> WIRING ADDS VLMW FEATURE	SEE NOTE 319	1 ZC	1 PER CKT
ADD BACKWARD COMPATIBLE UR460 -DMAC	SEE NOTE 320	1 ZD OMIT ZG	1 PER CKT
ADD MSC UM61B	SEE NOTES 321, 322	1 ZE OMIT W	1 PER CKT
ADD MSA TN2012	SEE NOTE 323	ZF OMIT V	1 PER CKT
ADDITIONAL NON-INTERFERING VLMW WIRES	SEE NOTE 324	ZH	1 PER CKT
16K EPROM WRITABLE MICRO CONTROL STORE	MC4127A10 (TN19)	1 ZJ OMIT F	1 PER CKT
	MC3T097A1 (TN19)	1 ZK OMIT ZJ	1 PER CKT
BUS INTERFACE CONTROLLER (TN70C)		1 ZM OMIT ZL	1 PER CKT

CHANGED ON ISSUE	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN.	SEE NOTE	USE IN CIRCUIT		
				STD	ARM	MD
3AC				Z		
9AC	H OR L	NONE		H, L		
10B	J OR H	NONE	316	J, H		P, Q, R
11B	G	H		G		
				AVAIL		DA
13B SEE NOTE X		ZA NONE		ZA		
		ZB NONE		ZB		
		ZC NONE		ZC		
		ZD ZG		ZD		ZG
		ZE H		ZE		H
		ZF V		V, ZF		
	ZG NONE		ZG			
	ZH NONE		ZH			
14M		ZJ F		ZJ		
		ZK ZJ		ZK		
		ZL		ZL		

NOTE X - PRIOR TO ISSUE 13B, COLUMNS HEADED "STD", "MD", ETC., CONVEYED APPLICATION INFORMATION. AT ISSUE 13B, COLUMNS HEADED "AVAIL" AND "DA" NOW INDICATE THE AVAILABILITY OF THE PRODUCT.

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MAIN STORE, I/O AND DFC UNIT		DWG SIZE	ISSUE
		68	14M
AT&T	SD-4C099-01	SHEET 02	

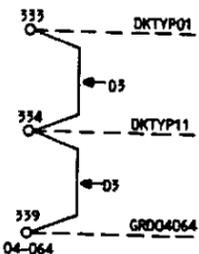
INFORMATION NOTES (CONT):
304. UNIT ARRANGEMENTS

FR	UNIT	499FA (NOTE 309)	TN68 (NOTE 306)	MC4C 061A1B (TN68)	MC4C 061B1B (TN68)	TN60 (NOTE 305)	UN54 OR UN55	TN70B (ZL) OR TN70C (ZM)	TN69B	UN64	TN5 OR TN5B (H)	UN9B	UN46 OR UN46D (ZG) OR UN46C (ZD)	UN46 (NOTE 307)	UN9B (NOTE 308)	UN59 (NOTE 310)	TN28 (NOTE 307)	499FA							
055	008	(PWRUC)	(MCSA)	(MCSA)	MC4C 061B1C (TN68) (MCSB)	(TCU)	(DFCI)	(BIC)	(DOSBS)	(PDI)	(DPWR CTRL)	(DSCH)	(DMAC)	(DMAC)	(DSCH) OR (NIPC)	(NSC) OR TN2012 (ZF)	(NASA 06)	(NASA 09)	(NASA 04)	(NASA 05)	(NASA 02)	(NASA 01)	(NASA 00) OR TN2012 (ZF)	(PWRUD)	499FA
051	004	PWR	MIC STORE	TCU	DFCI	BIC	DOSBS	PD	PWR	DMACO	DMAC1	DMACD	UN61B (ZE)	P/O MAIN STORE	PWR	FS DESIG	FS. TITLE	FS. NO.	SYMBOL NO.	APP. FIG.	CP EQL				
047	000	016	022	028	034	040	044	052	058	064	074	080	088	096	104	112	120	126	132	138	144	150	156	162	178

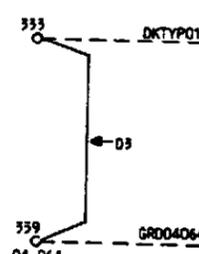
305. EQL 04-040 IS WIRED FOR A TN60 CIRCUIT PACK AS TEST POSITION FOR BTL USE ONLY.
306. THIS UNIT IS WIRED FOR 3-BK PROM OR 3-16K EPROM. EQL 04-022 IS NOT EQUIPPED WITH BK PROM. EQL 04-022 & 04-028 ARE NOT EQUIPPED WITH 16K EPROM.
307. OPTIONAL APPARATUS (CKT PACKS) SUCH AS 1MB (TN28) 2MB (TN56), 16K EPROM (TN19 & UN55), DMAC 1 (UN46) IS PROVIDED ON SYSTEM DRAWINGS.
308. OPTION ② PROVIDES DIB BUS WIRING FOR CHANNEL 12 (I.E. DMAC 0, UN46, EQL 04-080 & DSCH, UN9B, EQL 04-104). A TYPICAL APPLICATION IS A NO. 14 ESS/APS OR NO. 4 ESS/APS & IS PROVIDED ON A SYSTEM DRAWING.
309. THE 499F1 POWER UNIT HAS BEEN CHANGED TO A 499FA POWER UNIT ON A LINE OUT BASIS ON ISSUE 40.
310. THE UN59 MSC HAS BEEN CHANGED TO A UN59B MSC ON A LINE OUT BASIS ON ISSUE 68.
311. OPTION ① PROVIDES DMAC 1 DIB BUS WIRING TO DIB CHANNEL 16 & 17.

312. WIRING OPTIONS FOR THE 675 MB AND 300 MB DISK DRIVES ARE SHOWN IN SYSTEM DRAWINGS; SD-4C117-01 FOR 3820S MOD 2, AND SD-4C100-01 OR SD-4C119-01 FOR 3820D MOD 2 (SEE WIRING DIAGRAMS BELOW).

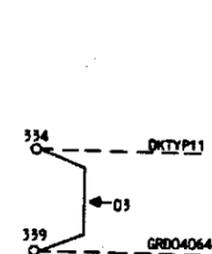
DISK TYPE SELECT FOR 675MB DISK DRIVE FOR 3820S MOD 2



DISK TYPE SELECT FOR 300MB DISK DRIVE



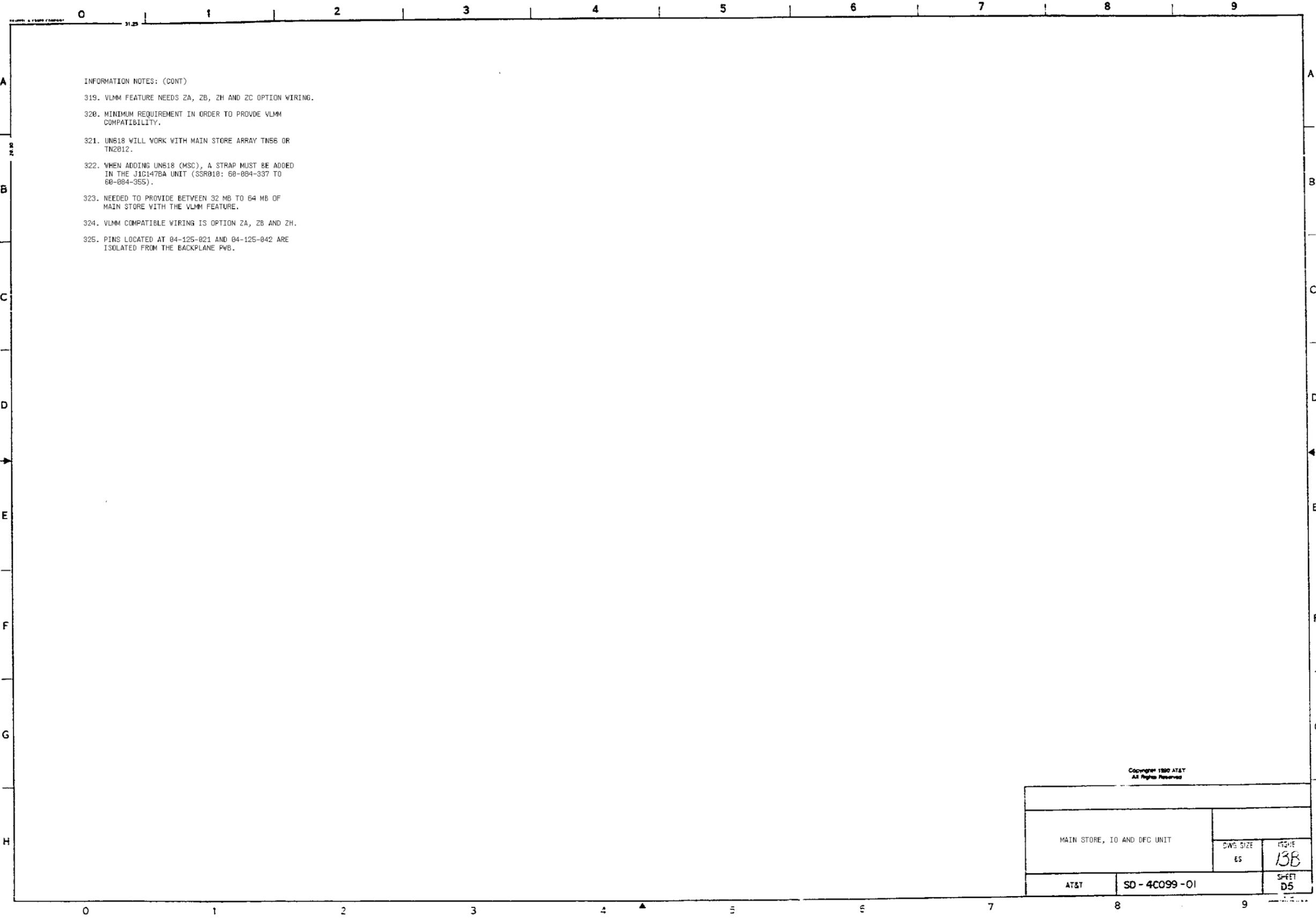
DISK TYPE SELECT FOR 347MB DISK DRIVE



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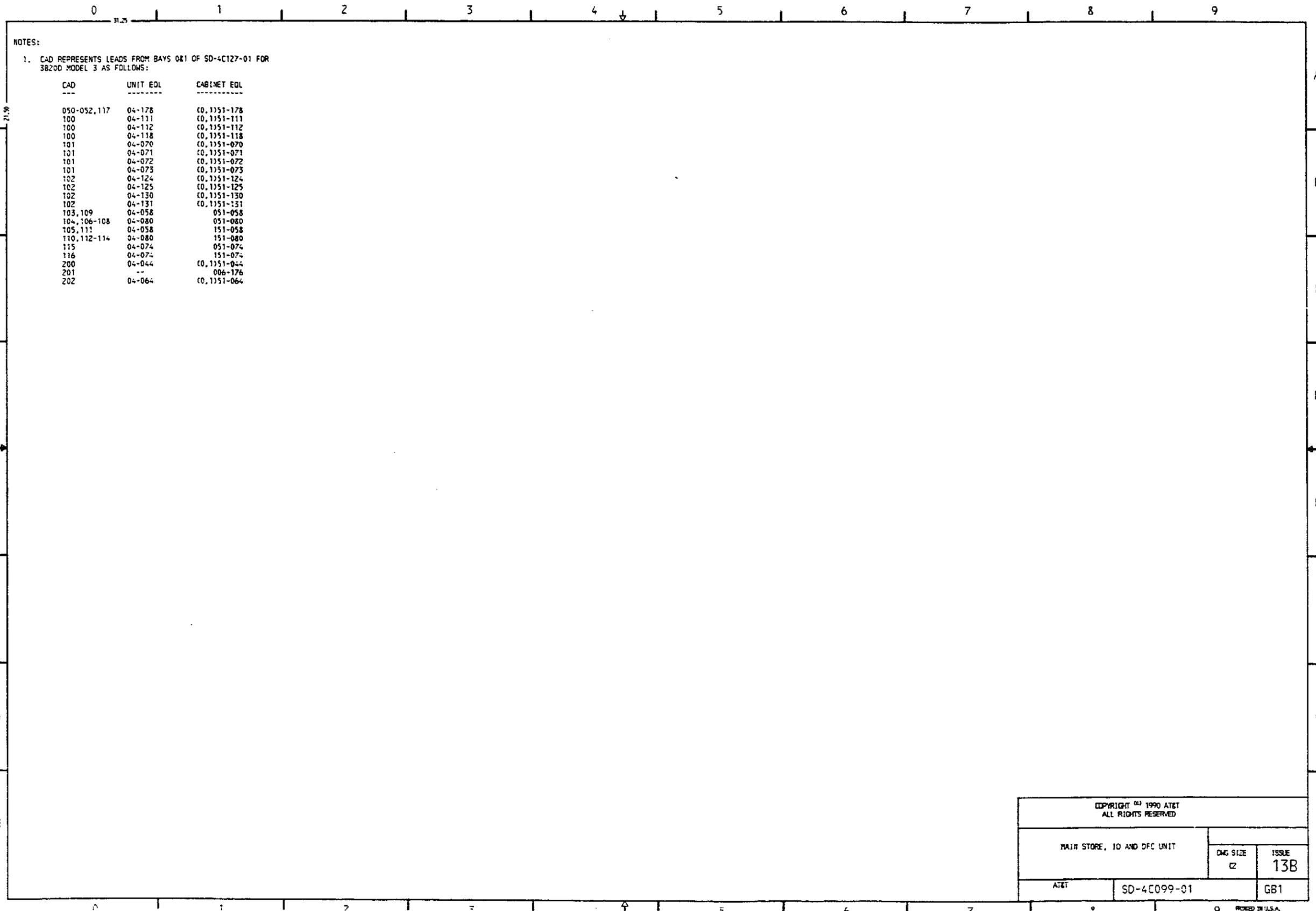
MAIN STORE, I/O AND OFC UNIT		DWG SIZE	ISSUE
		68	14M
AT&T	SD-4C099-01	SHEET D3	



- INFORMATION NOTES: (CONT)
- 319. VLMM FEATURE NEEDS ZA, ZB, ZH AND ZC OPTION WIRING.
 - 320. MINIMUM REQUIREMENT IN ORDER TO PROVIDE VLMM COMPATIBILITY.
 - 321. UN618 WILL WORK WITH MAIN STORE ARRAY TN66 OR TN2012.
 - 322. WHEN ADDING UN618 (MSC), A STRAP MUST BE ADDED IN THE J1C1478A UNIT (SSR010: 60-084-337 TO 60-084-355).
 - 323. NEEDED TO PROVIDE BETWEEN 32 MB TO 64 MB OF MAIN STORE WITH THE VLMM FEATURE.
 - 324. VLMM COMPATIBLE WIRING IS OPTION ZA, ZB AND ZH.
 - 325. PINS LOCATED AT 04-125-021 AND 04-125-042 ARE ISOLATED FROM THE BACKPLANE PWB.

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MAIN STORE, IO AND DFC UNIT		
DWG SIZE ES	REVISE 13B	
AT&T	SD - 4C099 - 01	SHEET D5



NOTES:

1. CAD REPRESENTS LEADS FROM BAYS 0&1 OF SD-4C127-01 FOR 3820D MODEL 3 AS FOLLOWS:

CAD	UNIT EOL	CABINET EOL
050-052,117	04-178	(0,1)51-178
100	04-111	(0,1)51-111
100	04-112	(0,1)51-112
100	04-118	(0,1)51-118
101	04-070	(0,1)51-070
101	04-071	(0,1)51-071
101	04-072	(0,1)51-072
101	04-073	(0,1)51-073
102	04-124	(0,1)51-124
102	04-125	(0,1)51-125
102	04-130	(0,1)51-130
102	04-131	(0,1)51-131
103,109	04-058	051-058
104,106-108	04-080	051-080
105,111	04-058	151-058
110,112-114	04-080	151-080
115	04-074	051-074
116	04-074	151-074
200	04-044	(0,1)51-044
201	--	006-176
202	04-064	(0,1)51-064

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MAIN STORE, IO AND DFC UNIT		DWG SIZE A
		ISSUE 13B
AT&T	SD-4C099-01	GB1

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

A

STORE CONTROL

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
CLRO	I	04-112-018	04-112-018	10/1	
GRD04111	GZ	04-111-055			
GRD04111	GZ	04-111-054			
GRD04111	GZ	04-111-053			
GRD04111	GZ	04-111-052			
GRD04111	GZ	04-111-051			
GRD04111	GZ	04-111-050			
GRD04111	GZ	04-111-049			
GRD04111	GZ	04-111-048			
GRD04111	GZ	04-111-047			
GRD04111	GZ	04-111-046			
GRD04111	GZ	04-111-042			
GRD04111	GZ	04-111-041			
GRD04111	GZ	04-111-040			
GRD04111	GZ	04-111-039			
GRD04111	GZ	04-111-038			
GRD04111	GZ	04-111-037			
GRD04111	GZ	04-111-036			
GRD04111	GZ	04-111-035			
GRD04111	GZ	04-111-034			
GRD04111	GZ	04-111-033			
GRD04111	GZ	04-111-023			
GRD04111	GZ	04-111-022			
GRD04111	GZ	04-111-021			
GRD04111	GZ	04-111-020			
GRD04111	GZ	04-111-019			
GRD04111	GZ	04-111-018			
GRD04111	GZ	04-111-017			
GRD04111	GZ	04-111-016			
GRD04111	GZ	04-111-015			
GRD04111	GZ	04-111-014			
GRD04111	GZ	04-111-010			
GRD04111	GZ	04-111-009			
GRD04111	GZ	04-111-008			
GRD04111	GZ	04-111-007			
GRD04111	GZ	04-111-006			
GRD04111	GZ	04-111-005			
GRD04111	GZ	04-111-004			
GRD04111	GZ	04-111-004			
GRD04111	GZ	04-111-003			
GRD04111	GZ	04-111-002			
GRD04111	GZ	04-111-001			
GRD04118	GZ	04-118-054			
GRD04118	GZ	04-118-053			
GRD04118	GZ	04-118-052			
GRD04118	GZ	04-118-051			
GRD04118	GZ	04-118-050			
GRD04118	GZ	04-118-049			
GRD04118	GZ	04-118-048			
GRD04118	GZ	04-118-047			
GRD04118	GZ	04-118-046			
GRD04118	GZ	04-118-042			
GRD04118	GZ	04-118-041			
GRD04118	GZ	04-118-040			
GRD04118	GZ	04-118-039			
GRD04118	GZ	04-118-038			
GRD04118	GZ	04-118-037			
GRD04118	GZ	04-118-036			
GRD04118	GZ	04-118-035			
GRD04118	GZ	04-118-034			
GRD04118	GZ	04-118-033			
GRD04118	GZ	04-118-023			
GRD04118	GZ	04-118-022			
GRD04118	GZ	04-118-021			
GRD04118	GZ	04-118-020			

ELEMENT IDENTIFIER (CONT)

A

STORE CONTROL

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD04118	GZ	04-118-019			
GRD04118	GZ	04-118-018			
GRD04118	GZ	04-118-017			
GRD04118	GZ	04-118-016			
GRD04118	GZ	04-118-015			
GRD04118	GZ	04-118-014			
GRD04118	GZ	04-118-010			
GRD04118	GZ	04-118-009			
GRD04118	GZ	04-118-008			
GRD04118	GZ	04-118-007			
GRD04118	GZ	04-118-006			
GRD04118	GZ	04-118-005			
GRD04118	GZ	04-118-004			
GRD04118	GZ	04-118-003			
GRD04118	GZ	04-118-002			
GRD04118	GZ	04-118-001			
MYSERAD	D	04-112-542	04-112-542	10/1	
MYSERBD	D	04-112-042	04-112-042	10/1	
MYSERCD	D	04-112-055	04-112-055	10/1	
MYSERDD	D	04-112-046	04-112-046	10/1	
PHRCLRD	I	04-112-514	04-112-514	10/1	
SA001	I	04-112-533	04-088-445	8/1	
SA011	O	04-112-534	04-088-446	8/1	
SA021	O	04-112-535	04-088-447	8/1	
SA031	O	04-112-536	04-088-448	8/1	
SA041	O	04-112-537	04-088-449	8/1	
SA051	O	04-112-538	04-088-450	8/1	
SA061	O	04-112-539	04-088-451	8/1	
SA071	O	04-112-540	04-088-452	8/1	
SA081	O	04-112-033	04-088-453	8/1	
SA091	O	04-112-034	04-088-454	8/1	
SA101	O	04-112-035	04-088-455	8/1	
SA111	O	04-112-036	04-088-345	8/1	
SA121	O	04-112-037	04-088-346	8/1	
SA131	O	04-112-038	04-088-347	8/1	
SA141	O	04-112-039	04-088-348	8/1	
SA151	O	04-112-040	04-088-349	8/1	
SA161	O	04-112-515	04-088-350	8/1	
SA171	O	04-112-516	04-088-351	8/1	
SA181	O	04-112-517	04-088-352	8/1	
SA191	O	04-112-518	04-088-353	8/1	
SA201	O	04-112-519	04-088-354	8/1	
SA211	O	04-112-520	04-088-355	8/1	
SA221	J	04-112-521	04-088-144	8/1	
SA231	O	04-112-522	04-088-145	8/1	
SA241	I	04-112-015	04-112-015	10/1	(N)
SA241	O	04-112-015	04-088-547	8/1	(ZA)
SA321	O	04-112-541	04-088-148	8/1	
SA331	O	04-112-041	04-088-147	8/1	
SA341	O	04-112-523	04-088-146	8/1	
SA351	I	04-112-023	04-112-023	10/1	(N)
SA351	O	04-112-023	04-088-052	8/1	(ZA)
SBYTE0	O	04-112-020	04-088-213	8/1	
SEMO	O	04-112-016	04-112-016	10/1	
SCOMP0	O	04-112-022	04-088-154	8/1	
SD001	I	04-112-547	04-088-414	8/1	
SD011	I	04-112-549	04-088-415	8/1	
SD021	I	04-112-551	04-088-416	8/1	
SD031	I	04-112-553	04-088-417	8/1	
SD041	I	04-112-501	04-088-418	8/1	
SD051	I	04-112-503	04-088-419	8/1	
SD061	I	04-112-505	04-088-420	8/1	
SD071	I	04-112-507	04-088-421	8/1	
SD081	I	04-112-047	04-088-422	8/1	

ELEMENT IDENTIFIER (CONT)

A

STORE CONTROL

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
SD091	I	04-112-049	04-088-423	8/1	
SD101	I	04-112-051	04-088-314	8/1	
SD111	I	04-112-053	04-088-315	8/1	
SD121	I	04-112-001	04-088-316	8/1	
SD131	I	04-112-003	04-088-317	8/1	
SD141	I	04-112-005	04-088-318	8/1	
SD151	I	04-112-007	04-088-319	8/1	
SD161	I	04-112-548	04-088-320	8/1	
SD171	I	04-112-550	04-088-321	8/1	
SD181	I	04-112-552	04-088-322	8/1	
SD191	I	04-112-554	04-088-323	8/1	
SD201	I	04-112-502	04-088-214	8/1	
SD211	I	04-112-504	04-088-215	8/1	
SD221	I	04-112-506	04-088-216	8/1	
SD231	I	04-112-508	04-088-217	8/1	
SD241	I	04-112-048	04-088-218	8/1	
SD251	I	04-112-050	04-088-219	8/1	
SD261	I	04-112-052	04-088-220	8/1	
SD271	I	04-112-054	04-088-221	8/1	
SD281	I	04-112-002	04-088-222	8/1	
SD291	I	04-112-004	04-088-223	8/1	
SD301	I	04-112-006	04-088-114	8/1	
SD311	I	04-112-008	04-088-115	8/1	
SD321	O	04-112-509	04-112-509	10/1	
SD331	O	04-112-009	04-112-009	10/1	
SD341	O	04-112-510	04-112-510	10/1	
SD351	O	04-112-010	04-112-010	10/1	
SG00	I	04-112-014	04-112-014	10/1	
SHALFD	O	04-112-019	04-088-113	8/1	
SMALINT0	O	04-112-021	04-088-120	8/1	
WRTO	I	04-112-017	04-112-017	10/1	

ELEMENT IDENTIFIER (CONT)

B

CC-DMA

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
C100070	O	04-071-007	04-088-202	8/1	
C100080	O	04-071-014	04-088-001	8/1	
C100090	O	04-071-009	04-088-203	8/1	
C100100	O	04-071-015	04-088-212	8/1	
C100110	O	04-071-016	04-088-003	8/1	
C100120	O	04-071-011	04-088-204	8/1	
C100130	O	04-071-017	04-088-004	8/1	
C100140	O	04-071-018	04-088-005	8/1	
C100150	O	04-071-013	04-088-205	8/1	
C100160	O	04-073-006	04-088-406	8/1	
C100170	O	04-073-007	04-088-206	8/1	
C100180	O	04-073-009	04-088-407	8/1	
C100190	O	04-073-008	04-088-408	8/1	
C100200	O	04-073-011	04-088-207	8/1	
C100210	O	04-073-010	04-088-409	8/1	
C100220	O	04-073-014	04-088-410	8/1	
C100230	O	04-073-013	04-088-208	8/1	
C100240	O	04-073-015	04-088-006	8/1	
C100250	O	04-073-016	04-088-209	8/1	
C100260	O	04-073-017	04-088-007	8/1	
C100270	O	04-073-018	04-088-008	8/1	
C100280	O	04-073-019	04-088-210	8/1	
C100290	O	04-073-020	04-088-009	8/1	
C100300	O	04-073-021	04-088-010	8/1	
C100310	O	04-073-022	04-088-211	8/1	
C100320	O	04-071-001	04-088-400	8/1	
C100330	O	04-071-000	04-088-000	8/1	
C100340	O	04-073-024	04-088-411	8/1	
C100350	O	04-073-023	04-088-011	8/1	
C10EACK0	I	04-071-034	04-088-014	8/1	
C10IAK0	I	04-074-042	04-088-523	8/1	
C10IDL0	I	04-071-041	04-088-522	8/1	
C10IMH0	I	04-071-040	04-088-019	8/1	
C10IPRC	I	04-073-032	04-088-022	8/1	
C10IRY0	O	04-073-033	04-088-021	8/1	
C10JRD0	I	04-071-037	04-088-017	8/1	
C10JRD10	I	04-071-035	04-088-015	8/1	
C10JRS0	I	04-071-039	04-088-520	8/1	
C10JRS10	I	04-071-036	04-088-016	8/1	
C10JSAK0	I	04-071-032	04-088-519	8/1	
C10JSCAD	I	04-071-0			

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER (CONT)

ELEMENT IDENTIFIER (CONT)

B CC-DMA					B CC-DMA						
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD04070	GZ	04-070-054				GRD04072	GZ	04-072-036			
GRD04070	GZ	04-070-053				GRD04072	GZ	04-072-035			
GRD04070	GZ	04-070-052				GRD04072	GZ	04-072-034			
GRD04070	GZ	04-070-051				GRD04072	GZ	04-072-033			
GRD04070	GZ	04-070-050				GRD04072	GZ	04-072-032			
GRD04070	GZ	04-070-049				GRD04072	GZ	04-072-024			
GRD04070	GZ	04-070-048				GRD04072	GZ	04-072-023			
GRD04070	GZ	04-070-047				GRD04072	GZ	04-072-022			
GRD04070	GZ	04-070-046				GRD04072	GZ	04-072-021			
GRD04070	GZ	04-070-045				GRD04072	GZ	04-072-020			
GRD04070	GZ	04-070-043				GRD04072	GZ	04-072-019			
GRD04070	GZ	04-070-042				GRD04072	GZ	04-072-018			
GRD04070	GZ	04-070-041				GRD04072	GZ	04-072-017			
GRD04070	GZ	04-070-040				GRD04072	GZ	04-072-016			
GRD04070	GZ	04-070-039				GRD04072	GZ	04-072-015			
GRD04070	GZ	04-070-038				GRD04072	GZ	04-072-014			
GRD04070	GZ	04-070-037				GRD04072	GZ	04-072-013			
GRD04070	GZ	04-070-036				GRD04072	GZ	04-072-011			
GRD04070	GZ	04-070-035				GRD04072	GZ	04-072-010			
GRD04070	GZ	04-070-034				GRD04072	GZ	04-072-009			
GRD04070	GZ	04-070-033				GRD04072	GZ	04-072-008			
GRD04070	GZ	04-070-032				GRD04072	GZ	04-072-007			
GRD04070	GZ	04-070-024				GRD04072	GZ	04-072-006			
GRD04070	GZ	04-070-023				GRD04072	GZ	04-072-005			
GRD04070	GZ	04-070-022				GRD04072	GZ	04-072-004			
GRD04070	GZ	04-070-021				GRD04072	GZ	04-072-003			
GRD04070	GZ	04-070-020				GRD04072	GZ	04-072-002			
GRD04070	GZ	04-070-019				GRD04072	GZ	04-072-001			
GRD04070	GZ	04-070-018				INT000	0	04-072-000			
GRD04070	GZ	04-070-017				INT000	0	04-073-050	04-088-514	8/1	
GRD04070	GZ	04-070-016				INT010	0	04-073-052	04-096-514	9/1	
GRD04070	GZ	04-070-015				INT020	0	04-073-054	04-096-521	9/1	
GRD04070	GZ	04-070-014				INT030	0	04-071-045	04-088-521	8/1	
GRD04070	GZ	04-070-013				INT100	0	04-071-047	04-088-512	8/1	
GRD04070	GZ	04-070-011				INT110	0	04-073-049	04-088-512	8/1	
GRD04070	GZ	04-070-010				INT120	0	04-071-048	04-088-412	8/1	
GRD04070	GZ	04-070-009				INT150	0	04-071-049	04-096-512	9/1	
GRD04070	GZ	04-070-008				INT160	0	04-071-050	04-096-312	9/1	
GRD04070	GZ	04-070-007				INT170	0	04-071-051	04-096-412	9/1	
GRD04070	GZ	04-070-006				SA251	0	04-071-056	04-088-548	8/1	ZB
GRD04070	GZ	04-070-005				SER000	0	04-073-051	04-088-513	8/1	
GRD04070	GZ	04-070-004				SER010	0	04-073-053	04-096-513	9/1	
GRD04070	GZ	04-070-003				SER020	0	04-073-055	04-096-518	9/1	
GRD04070	GZ	04-070-002				SER030	0	04-071-046	04-088-518	8/1	
GRD04070	GZ	04-070-001				VLM00	1	04-071-055	04-088-344	8/1	ZB
GRD04070	GZ	04-070-000									
GRD04072	GZ	04-072-056									
GRD04072	GZ	04-072-055									
GRD04072	GZ	04-072-054									
GRD04072	GZ	04-072-053									
GRD04072	GZ	04-072-052									
GRD04072	GZ	04-072-051									
GRD04072	GZ	04-072-050									
GRD04072	GZ	04-072-049									
GRD04072	GZ	04-072-048									
GRD04072	GZ	04-072-047									
GRD04072	GZ	04-072-046									
GRD04072	GZ	04-072-045									
GRD04072	GZ	04-072-043									
GRD04072	GZ	04-072-042									
GRD04072	GZ	04-072-041									
GRD04072	GZ	04-072-040									
GRD04072	GZ	04-072-039									
GRD04072	GZ	04-072-038									
GRD04072	GZ	04-072-037									

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MAIN STORE, IO AND DFC UNIT		DWG SIZE CZ
		ISSUE 13B
AT&T	SD-4C099-01	GB3

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER						ELEMENT IDENTIFIER (CONT)						ELEMENT IDENTIFIER					
P						P						D					
CHANNEL 1						CHANNEL 1						SCANNER/SIGNAL DISTRIBUTOR					
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
C10AD000	I	04-096-506	04-088-506	8/1		GRD04095	GZ	04-095-022				DDSN	I	04-074-206	04-074-206	1/2	
C10AD100	I	04-096-507	04-088-507	8/1		GRD04095	GZ	04-095-021				DDSP	I	04-074-306	04-074-306	1/2	
C10AD200	I	04-096-508	04-088-508	8/1		GRD04095	GZ	04-095-020				DRDIPN	I	04-074-207	04-074-207	1/2	
C10AD300	I	04-096-509	04-088-509	8/1		GRD04095	GZ	04-095-019				DRDIPP	I	04-074-307	04-074-307	1/2	
C10AD400	I	04-096-510	04-088-510	8/1		GRD04095	GZ	04-095-018				DSDCN	IO	04-074-209	04-074-209	1/2	
C10AD500	I	04-096-511	04-088-511	8/1		GRD04095	GZ	04-095-017				DSDCP	IO	04-074-309	04-074-309	1/2	
C10AK000	O	04-096-500	04-088-500	8/1		GRD04095	GZ	04-095-016				DSCYM	IO	04-074-208	04-074-208	1/2	
C10AK100	O	04-096-501	04-088-501	8/1		GRD04095	GZ	04-095-015				DSCYP	IO	04-074-308	04-074-308	1/2	
C10AK200	I	04-096-502	04-088-502	8/1		GRD04095	GZ	04-095-014									
C10AK300	I	04-096-503	04-088-503	8/1		GRD04095	GZ	04-095-013									
C10AK400	O	04-096-504	04-088-504	8/1		GRD04095	GZ	04-095-012									
C10AK500	I	04-096-505	04-088-505	8/1		GRD04095	GZ	04-095-011									
C10ASH0	O	04-096-024	04-088-024	8/1		GRD04095	GZ	04-095-009									
C10CERO	O	04-096-023	04-088-023	8/1		GRD04095	GZ	04-095-008									
C10CLE0	I	04-096-524	04-088-524	8/1		GRD04095	GZ	04-095-007									
C10D000	O	04-096-401	04-088-401	8/1		GRD04095	GZ	04-095-006									
C10D010	O	04-096-200	04-088-200	8/1		GRD04095	GZ	04-095-005									
C10D020	O	04-096-402	04-088-402	8/1		GRD04095	GZ	04-095-004									
C10D030	O	04-096-403	04-088-403	8/1		GRD04095	GZ	04-095-003									
C10D040	O	04-096-201	04-088-201	8/1		GRD04095	GZ	04-095-002									
C10D050	O	04-096-404	04-088-404	8/1		GRD04095	GZ	04-095-001									
C10D060	O	04-096-405	04-088-405	8/1		GRD04096	G	04-096-110	04-096-136	9/1							
C10D070	O	04-096-202	04-088-202	8/1		GRD04096	G	04-096-109	04-096-136	9/1							
C10D080	O	04-096-001	04-088-001	8/1		GRD04096	G	04-096-108	04-096-136	9/1							
C10D090	O	04-096-203	04-088-203	8/1		GRD04096	G	04-096-107	04-096-136	9/1							
C10D100	O	04-096-002	04-088-212	8/1		GRD04096	G	04-096-106	04-096-136	9/1							
C10D110	O	04-096-003	04-088-003	8/1		GRD04096	G	04-096-105	04-096-136	9/1							
C10D120	O	04-096-204	04-088-204	8/1		GRD04096	G	04-096-104	04-096-136	9/1							
C10D130	O	04-096-004	04-088-004	8/1		GRD04096	G	04-096-103	04-096-136	9/1							
C10D140	O	04-096-005	04-088-005	8/1		GRD04096	G	04-096-102	04-096-136	9/1							
C10D150	O	04-096-205	04-088-205	8/1		GRD04096	G	04-096-101	04-096-136	9/1							
C10D160	O	04-096-406	04-088-406	8/1		GRD04096	G	04-096-310	04-096-136	9/1							
C10D170	O	04-096-206	04-088-206	8/1		GRD04096	G	04-096-309	04-096-136	9/1							
C10D180	O	04-096-407	04-088-407	8/1		GRD04096	G	04-096-308	04-096-136	9/1							
C10D190	O	04-096-408	04-088-408	8/1		GRD04096	G	04-096-307	04-096-136	9/1							
C10D200	O	04-096-207	04-088-207	8/1		GRD04096	G	04-096-306	04-096-136	9/1							
C10D210	O	04-096-409	04-088-409	8/1		GRD04096	G	04-096-305	04-096-136	9/1							
C10D220	O	04-096-410	04-088-410	8/1		GRD04096	G	04-096-304	04-096-136	9/1							
C10D230	O	04-096-208	04-088-208	8/1		GRD04096	G	04-096-303	04-096-136	9/1							
C10D240	O	04-096-006	04-088-006	8/1		GRD04096	G	04-096-302	04-096-136	9/1							
C10D250	O	04-096-209	04-088-209	8/1		GRD04096	G	04-096-301	04-096-136	9/1							
C10D260	O	04-096-007	04-088-007	8/1		GRD04102	GZ	04-102-023									
C10D270	O	04-096-008	04-088-008	8/1		GRD04102	GZ	04-102-022									
C10D280	O	04-096-210	04-088-210	8/1		GRD04102	GZ	04-102-021									
C10D290	O	04-096-009	04-088-009	8/1		GRD04102	GZ	04-102-020									
C10D300	O	04-096-010	04-088-010	8/1		GRD04102	GZ	04-102-019									
C10D310	O	04-096-211	04-088-211	8/1		GRD04102	GZ	04-102-018									
C10D320	O	04-096-400	04-088-400	8/1		GRD04102	GZ	04-102-017									
C10D330	O	04-096-000	04-088-000	8/1		GRD04102	GZ	04-102-016									
C10D340	O	04-096-411	04-088-411	8/1		GRD04102	GZ	04-102-015									
C10D350	O	04-096-011	04-088-011	8/1		GRD04102	GZ	04-102-014									
C10EACK0	I	04-096-014	04-088-014	8/1		GRD04102	GZ	04-102-010									
C10JAKD	I	04-096-523	04-088-523	8/1		GRD04102	GZ	04-102-009									
C10IDL0	I	04-096-522	04-088-522	8/1		GRD04102	GZ	04-102-008									
C10INHO	I	04-096-019	04-088-019	8/1		GRD04102	GZ	04-102-007									
C10IMRO	I	04-096-022	04-088-022	8/1		GRD04102	GZ	04-102-006									
C10IRDY0	O	04-096-021	04-088-021	8/1		GRD04102	GZ	04-102-005									
C10IRDO	I	04-096-017	04-088-017	8/1		GRD04102	GZ	04-102-004									
C10IRIND	I	04-096-013	04-088-013	8/1		GRD04102	GZ	04-102-003									
C10IRSR0	I	04-096-520	04-088-520	8/1		GRD04102	GZ	04-102-002									
C10IPST0	I	04-096-016	04-088-016	8/1		GRD04102	GZ	04-102-001									
C10ISAK0	I	04-096-519	04-088-519	8/1		INT010	O	04-096-514	04-096-514	9/1							
C10ICAR0	I	04-096-018	04-088-018	8/1		INT020	O	04-096-521	04-096-521	9/1							
C10IWD0	I	04-096-013	04-088-013	8/1		SER010	O	04-096-513	04-096-513	9/1							
GRD04095	GZ	04-095-023				SER020	O	04-096-518	04-096-518	9/1							

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MAIN STORE, IO AND DFC UNIT		DWG SIZE C
		ISSUE 13B
AT&T	SD-4C099-01	GB7

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER						ELEMENT IDENTIFIER (CONT)						ELEMENT IDENTIFIER					
R						R						S					
DMAC1-DIO BUS						DMAC1-DIO BUS						DMA INT/REQ FOR IO CH.16					
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
CER100	I	04-096-054	04-096-054	9/1	(T)	GRD04095	GZ	04-095-042				DINT100	I	04-074-046	04-074-046	1/2	(T)
CFR110	I	04-096-055	04-096-540	9/1	(T)	GRD04095	GZ	04-095-041				DMAR100	I	04-074-045	04-074-045	1/2	(T)
CIO1NHO	I	04-096-051	04-088-019	8/1		GRD04095	GZ	04-095-040				GRD04102	G	04-074-147	04-074-146	1/2	(T)
DASH10	I	04-096-056	04-096-056	9/1		GRD04095	GZ	04-095-038				GRD04102	G	04-074-146	04-074-146	1/2	(T)
DCLE10	IO	04-096-556	04-096-556	9/1		GRD04095	GZ	04-095-037									
DOB001	IO	04-096-433	04-096-433	9/1		GRD04095	GZ	04-095-036									
DOB011	IO	04-096-232	04-096-232	9/1		GRD04095	GZ	04-095-035									
DOB021	IO	04-096-434	04-096-434	9/1		GRD04095	GZ	04-095-034									
DOB031	IO	04-096-435	04-096-435	9/1		GRD04095	GZ	04-095-033									
DOB041	IO	04-096-235	04-096-235	9/1		GRD04096	G	04-096-142	04-096-136	9/1							
DOB051	IO	04-096-436	04-096-436	9/1		GRD04096	G	04-096-141	04-096-136	9/1							
DOB061	IO	04-096-437	04-096-437	9/1		GRD04096	G	04-096-140	04-096-136	9/1							
DOB071	IO	04-096-234	04-096-234	9/1		GRD04096	G	04-096-139	04-096-136	9/1							
DOB081	IO	04-096-033	04-096-033	9/1		GRD04096	G	04-096-138	04-096-136	9/1							
DCB091	IO	04-096-235	04-096-235	9/1		GRD04096	G	04-096-137	04-096-136	9/1							
DOB101	IO	04-096-034	04-096-034	9/1		GRD04096	G	04-096-341	04-096-136	9/1							
DOB111	IO	04-096-035	04-096-035	9/1		GRD04096	G	04-096-340	04-096-136	9/1							
DOB121	IO	04-096-236	04-096-236	9/1		GRD04096	G	04-096-339	04-096-136	9/1							
DOB131	IO	04-096-036	04-096-036	9/1		GRD04096	G	04-096-338	04-096-136	9/1							
DOB141	IO	04-096-037	04-096-037	9/1		GRD04096	G	04-096-337	04-096-136	9/1							
DOB151	IO	04-096-237	04-096-237	9/1		GRD04096	G	04-096-336	04-096-136	9/1							
DOB161	IO	04-096-438	04-096-438	9/1		GRD04096	G	04-096-335	04-096-136	9/1							
DOB171	IO	04-096-238	04-096-238	9/1		GRD04096	G	04-096-334	04-096-136	9/1							
DOB181	IO	04-096-439	04-096-439	9/1		GRD04096	G	04-096-333	04-096-136	9/1							
DOB191	IO	04-096-440	04-096-440	9/1		GRD04096	G	04-096-342	04-096-136	9/1							
DOB201	IO	04-096-239	04-096-239	9/1		GRD04096	G	04-096-340	04-096-136	9/1							
DOB211	IO	04-096-441	04-096-441	9/1		GRD04096	G	04-096-339	04-096-136	9/1							
DOB221	IO	04-096-442	04-096-442	9/1		GRD04096	G	04-096-338	04-096-136	9/1							
DOB231	IO	04-096-240	04-096-240	9/1		GRD04096	G	04-096-337	04-096-136	9/1							
DOB241	IO	04-096-038	04-096-038	9/1		GRD04096	G	04-096-336	04-096-136	9/1							
DOB251	IO	04-096-241	04-096-241	9/1		GRD04096	G	04-096-335	04-096-136	9/1							
DOB261	IO	04-096-039	04-096-039	9/1		GRD04096	G	04-096-334	04-096-136	9/1							
DOB271	IO	04-096-040	04-096-040	9/1		GRD04102	GZ	04-102-055	04-096-136	9/1							
DOB281	IO	04-096-242	04-096-242	9/1		GRD04102	GZ	04-102-054									
DOB291	IO	04-096-041	04-096-041	9/1		GRD04102	GZ	04-102-053									
DOB301	IO	04-096-042	04-096-042	9/1		GRD04102	GZ	04-102-052									
DOB311	IO	04-096-243	04-096-243	9/1		GRD04102	GZ	04-102-051									
DOB321	IO	04-096-432	04-096-432	9/1		GRD04102	GZ	04-102-050									
DOB331	IO	04-096-032	04-096-032	9/1		GRD04102	GZ	04-102-049									
DOB341	IO	04-096-443	04-096-443	9/1		GRD04102	GZ	04-102-048									
DOB351	IO	04-096-043	04-096-043	9/1		GRD04102	GZ	04-102-047									
DIGLE10	IO	04-096-554	04-096-554	9/1		GRD04102	GZ	04-102-046									
DINT110	I	04-096-546	04-096-544	9/1	(T)	GRD04102	GZ	04-102-042									
DIOAD100	IO	04-096-542	04-096-542	9/1		GRD04102	GZ	04-102-041									
DIOAD110	D	04-096-541	04-096-543	9/1	(T)	GRD04102	GZ	04-102-040									
DIOAK100	I	04-096-536	04-096-536	9/1		GRD04102	GZ	04-102-039									
DIOAK110	I	04-096-537	04-096-537	9/1		GRD04102	GZ	04-102-038									
DMAR110	I	04-096-545	04-096-553	9/1	(T)	GRD04102	GZ	04-102-037									
DRDY10	I	04-096-053	04-096-053	9/1		GRD04102	GZ	04-102-036									
DRD10	IO	04-096-049	04-096-049	9/1		GRD04102	GZ	04-102-035									
DRINT10	IO	04-096-047	04-096-047	9/1		GRD04102	GZ	04-102-034									
DRSR10	IO	04-096-552	04-096-552	9/1													
DRST10	IO	04-096-048	04-096-048	9/1													
DWCA10	IO	04-096-050	04-096-050	9/1													
DWD10	IO	04-096-045	04-096-045	9/1													
GRD04095	GZ	04-095-055															
GRD04095	GZ	04-095-054															
GRD04095	GZ	04-095-053															
GRD04095	GZ	04-095-052															
GRD04095	GZ	04-095-051															
GRD04095	GZ	04-095-050															
GRD04095	GZ	04-095-049															
GRD04095	GZ	04-095-048															
GRD04095	GZ	04-095-047															
GRD04095	GZ	04-095-046															

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		ISSUE 13B
AT&T	SD-4C099-01	GB8

CAD 003 (CONT'D)											CAD 003 (CONT'D)											CAD 003 (CONT'D)																																																																																																																																																																																																																																																																																																																																																				
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION																																																																																																																																																																																																																																																																																																																																																	
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE																																																																																																																																																																																																																																																																																																																																													
.....TF11											.....TF12											.....TF14																																																																																																																																																																																																																																																																																																																																																		
04-103 TF											04-110 (CONT'D) TF											04-118 (CONT'D) TF																																																																																																																																																																																																																																																																																																																																																				
GRD04103	000				GRD04103					GRD04110	038				GRD04118	007					GRD04118	008					GRD04118	009						GRD04118	010						GRD04118	011						GRD04118	012						GRD04118	013						GRD04118	014						GRD04118	015						GRD04118	016						GRD04118	017						GRD04118	018						GRD04118	019						GRD04118	020						GRD04118	021						GRD04118	022						GRD04118	023						GRD04118	024						GRD04118	025						GRD04118	026						GRD04118	027						GRD04118	028						GRD04118	029						GRD04118	030						GRD04118	031						GRD04118	032						GRD04118	033						GRD04118	034						GRD04118	035						GRD04118	036						GRD04118	037						GRD04118	038						GRD04118	039						GRD04118	040						GRD04118	041						GRD04118	042						GRD04118	043						GRD04118	044						GRD04118	045						GRD04118	046						GRD04118	047						GRD04118	048						GRD04118	049						GRD04118	050						GRD04118	051						GRD04118	052						GRD04118	053						GRD04118	054						GRD04118	055						GRD04118	056					

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CAD 004 (CONT'D)												CAD 007 PAIRED LEAD/TWISTED GRD												(ZH) CAD 010 (CONT'D)											
TO CONNECTION						FROM CONNECTION						TO CONNECTION						FROM CONNECTION						TO CONNECTION						FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE						
.....BTR7(A) 04-169 JACK/TFLW4 04-087 TFLW4 04-124 TF											
TO BTR	D0000			045	D0000	04-162	CP	344		04-095-042	GRD04087	D3		009	GRD04087					04-124-021	GRD04124	D3	TG	007	GRD04124										
	D0240			046	D0240	04-162	CP	046												04-124-007	GRD04124	D3	TG	021	GRD04124										
	D0010			047	D0010	04-162	CP	347		.....LW5 04-095 TF																								
	D0090			048	D0090	04-162	CP	348		04-087-009	GRD04087	D3		042	GRD04087					CAD 050 PRM CONT. CABLE FOR 38200 MODEL 3															
	D0250			049	D0250	04-162	CP	C19		.....JZ 04-178 JACK/CP (982AE, NOTE 1).....																								
	D0020			050	D0020	04-162	CP	350		TO CPU DKT																									
	D0100			051	D0100	04-162	CP	351		.....LW6 04-095 TF	CCINTLB	CA77		213	CCINTLB	04-178	CP	112																
TO BTR	D0030			052	D0030	04-162	CP	353		04-111-009	GRD04095	D3		043	GRD04095					CCALMD	CA77		214	CCALMD	04-178	CP	014								
TO BTR	F			053	D0270	04-162	CP	055		.....LW7 04-111 TF												SPARE	CA77		215									
				054						04-095-043	GRD04095	D3		009	GRD04095					CCSTP	CA77		216	CCSTP	04-178	CP	016								
				055						.....LW8 04-095 TF												SPARE	CA77		217									
				056						04-111-009	GRD04095	D3		043	GRD04095					SPARE	CA77		218												
.....BTR7(B) 04-168 JACK/TFLW9 04-095 TF												SPARE	CA77		219								
TO BTR	PSVD			045	PSVD	04-096	CP	324		04-095-043	GRD04095	D3		009	GRD04095					CPMG	CA77		220	CPMG	04-178	CP	220								
	GRD04168			046	GRD04168					.....LW10 04-095 TF												SPARE	CA77		221									
	GRD04168			047	GRD04168					04-111-009	GRD04095	D3		043	GRD04095					CPMG	CA77		222	CPMG	04-178	CP	221								
	GRD04168			048	GRD04168					.....LW11 04-111 TF												SPARE	CA77		223									
	GRD04168			049	GRD04168					04-095-043	GRD04095	D3		009	GRD04095					SPARE	CA77		224												
	GRD04168			050	GRD04168					.....LW12 04-111 TF												SPARE	CA77		225									
	GRD04168			051	GRD04168					04-111-009	GRD04095	D3		043	GRD04095					SPARE	CA77		226												
	GRD04168			052	GRD04168					.....LW13 04-111 TF												SPARE	CA77		227									
	GRD04168			053	GRD04168					04-095-043	GRD04095	D3		009	GRD04095					CCSTN	CA77		314	CCSTN	04-178	CP	314								
	GRD04168			054	GRD04168					.....LW14 04-111 TF												SPARE	CA77		315									
	GRD04168			055	GRD04168					04-095-043	GRD04095	D3		009	GRD04095					SPARE	CA77		316												
	PSVD			056	PSVD	04-096	CP	324		.....LW15 04-111 TF												SPARE	CA77		317									
CAD 005 DISK TYPE SELECT FOR 340MB DISK DRIVE												(ZH) CAD 009 PAIRED LEADS/TWISTED GRD												(ZH) CAD 010 PAIRED LEADS/TWISTED GRD											
TO CONNECTION						FROM CONNECTION						TO CONNECTION						FROM CONNECTION						TO CONNECTION						FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE						
.....DTS 04-064 JACK/CP (NOTE 312).....											LW1(A) 04-126 CPLW1(A) 04-126 CP											
04-064-339	DKTYP11	D3		334	DKTYP11	04-064	CP	334		04-125-004	WRT000	D3	TG	035	WRT000					04-125-004	WRT000	D3	TG	035	WRT000										
04-064-334	DKTYP11	D3		339	DKTYP11	04-064	CP	334	SLW1(B) 04-125 TFLW1(B) 04-125 TF													
CAD 006 PAIRED LEAD/TWISTED GRD											LW2 04-124 TFLW2 04-124 TF											
TO CONNECTION						FROM CONNECTION						TO CONNECTION						FROM CONNECTION						TO CONNECTION						FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE						
.....LW1 04-079 TFLW3(A) 04-126 CPLW3(A) 04-126 CP											
04-087-045	GRD04079	D3		013	GRD04079					04-124-035	GRD04124	D3	TG	004	GRD04124					04-124-035	GRD04124	D3	TG	004	GRD04124										
04-087-049	GRD04079	D3		017	GRD04079					04-124-004	GRD04124	D3	TG	035	GRD04124					04-124-004	GRD04124	D3	TG	035	GRD04124										
04-087-050	GRD04079	D3		018	GRD04079				LW3(B) 04-125 TFLW3(B) 04-125 TF													
.....LW2 04-087 TFLW4 04-126 CPLW4 04-126 CP											
04-079-013	GRD04079	D3		045	GRD04079				Z	04-125-007	WRT000	D3	TG	021	WRT000					04-125-007	WRT000	D3	TG	021	WRT000										
04-103-013									LW5(A) 04-126 CPLW5(A) 04-126 CP													
04-079-017	GRD04079	D3		049	GRD04079				Z	04-125-007	WRT000	D3	TG	021	WRT000					04-125-007	WRT000	D3	TG	021	WRT000										
04-103-017									LW5(B) 04-125 TFLW5(B) 04-125 TF													
04-079-018	GRD04079	D3		050	GRD04079				Z	04-126-021	WRT000	D3	TG	007	WRT000					04-126-021	WRT000	D3	TG	007	WRT000										
04-103-018									LW6 04-126 CPLW6 04-126 CP													
.....LW3 04-103 TFLW7 04-126 CPLW7 04-126 CP											
04-087-045	GRD04079	D3		013	GRD04079				ZLW8 04-126 CPLW8 04-126 CP													
04-087-049	GRD04079	D3		017	GRD04079				ZLW9 04-126 CPLW9 04-126 CP													
04-087-050	GRD04079	D3		018	GRD04079				ZLW10 04-126 CPLW10 04-126 CP													

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CAD 051 PWR CONT. CABLE FOR 38200 MODEL 3										CAD 053 -48V PWR DIST. FOR 38200 MODEL 3										(Q,R) CAD 054 (CONT'D)																			
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION														
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE										
TO TOP BASIC UNIT EXT CCINTLC CA78 013 CCALMO CA78 014 SPARE CA78 015 CCSTP CA78 016 SPARE CA78 017 SPARE CA78 018 SPARE CA78 019 CPPG CA78 020 CPMG CA78 021 SPARE CA78 022 SPARE CA78 023 SPARE CA78 024 CCSTN CA78 114 SPARE CA78 115 SPARE CA78 116 SPARE CA78 117 SPARE CA78 118 SPARE CA78 119 SPARE CA78 120 SPARE CA78 121 SPARE CA78 122 SPARE CA78 123 SPARE CA78 124										JACK/CP (982AE, NOTE 1) 04-178 CP 012 04-178 CP 014 04-178 CP 016 04-178 CP 220 04-178 CP 221 04-178 CP 314										01-008 (NOTE 313) 00-008 (NOTE 313) 48RDFC1 04-016 CP 103 02-008T (NOTE 313) 02-008B (NOTE 313) 48RDFC2 04-074 CP 103 01-175 (NOTE 313) 00-175 (NOTE 313) 48RCPU4 04-178 CP 104										07-173T (NOTE 314,316) 07-173B-049 PSVDST MC 054 PSVDST 0 (P) CAD 055 CP PWR ARR 5 (2ND DMAC OR 10 CH.) FOR 38200 MODEL 3 04-088-313 CPPG D3 020 CPPG 04-178 CP 220 P 04-088-413 CPMG D3 511 CPMG 04-178 CP 221 P 04-088-020 CPPG D3 313 CPPG 04-178 CP 220 P 04-178-020 CPMG D3 413 CPMG 04-178 CP 221 P 04-088-511 CPMG D3 020 CPPG 04-178 CP 220 04-178-021 CPMG D3 021 CPMG 04-178 CP 221 05-009 (NOTE 315,316) GRO04016 04-016 CP 012 06-009 (NOTE 315,316) GRO04016 04-016 CP 012 07-013B (NOTE 315,316) PSV08 04-088 CP 100 07-013T (NOTE 315,316) PSV0A 04-080 CP 244									
CAD 052 PWR CONT. CABLE FOR 38200 MODEL 3										(Q,R) CAD 054 CP PWR ARR 1 (BASIC UNIT) FOR 38200 MODEL 3																													
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION														
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE										
TO MS/IGP GROWTH UNIT EXT CCINTLC CA79 013 CCALMO CA79 014 SPARE CA79 015 CCSTP CA79 016 SPARE CA79 017 SPARE CA79 018 SPARE CA79 019 CPPG CA79 020 CPMG CA79 021 SPARE CA79 022 SPARE CA79 023 SPARE CA79 024 CCSTN CA79 114 SPARE CA79 115 SPARE CA79 116 SPARE CA79 117 SPARE CA79 118 SPARE CA79 119 SPARE CA79 120 SPARE CA79 121 SPARE CA79 122 SPARE CA79 123 SPARE CA79 124										JACK/CP (982AE, NOTE 1) 04-178 CP 012 04-178 CP 014 04-178 CP 016 04-178 CP 220 04-178 CP 221 04-178 CP 314										04-080 (NOTE 314,316) 04-088-313 EPPD D3 020 EPPD 04-104 CP 020 R 04-088-413 EPMO D3 511 EPMO 04-104 CP 511 R 04-088 (NOTE 314,316) 04-080-020 EPPD D3 313 EPPD 04-104 CP 020 R 04-096-313 EPMO D3 413 EPMO 04-104 CP 511 R 04-080-511 EPMO D3 020 EPPD 04-104 CP 020 04-096-413 EPMO D3 511 EPMO 04-104 CP 511 R 04-088-313 EPPD D3 313 EPPD 04-104 CP 020 04-088-413 EPMO D3 413 EPMO 04-104 CP 511 R 05-175 (NOTE 314,316) PSVDST MC 039 PSVDST 0 06-173 (NOTE 314,316) PSVDST MC 044 PSVDST 0 07-173B (NOTE 314,316) PSVDST MC 0-9 PSVDST 0																			

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(K) CAD 056 CP PWR APP 10 (BASIC CPU) FOR 3B200 MODEL 3										CAD 100 (CONT'D)										CAD 100 (CONT'D)									
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METH	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....																		
04-080 (NOTE 317).....										J30(A) 04-112 JACK/CP (982BA, NOTE 1).....										J32(B) 04-118 JACK/TF (982BB, NOTE 1).....									
04-088-313	CPPD	D3		020	CPPD	04-104	CP	020	K	TO CPU CKT	SA001	CA11		532	SA001	04-088	CP	445			GRD04118	CA13		050	GRD04118				
04-088-413	CPMD	D3		511	CPMD	04-104	CP	511	K		SA011	CA11		533	SA011	04-088	CP	446			GRD04118	CA13		051	GRD04118				
04-088 (NOTE 317).....										J30(B) 04-118 JACK/TF (982BA, NOTE 1).....										J33(A) 04-112 JACK/CP (982AA, NOTE 1).....									
04-080-020	CPPD	D3		313	CPPD	04-104	CP	020	K	TO CPU CKT	GRD04118	CA11		052	GRD04118						SD121	CA14		000	SD121	04-088	CP	316	
04-096-313	CPPD	D3		413	CPMD	04-104	CP	511	K		GRD04118	CA11		053	GRD04118						SD281	CA14		001	SD281	04-088	CP	222	
04-080-511	CPMD	D3		413	CPMD	04-104	CP	511	K		GRD04118	CA11		054	GRD04118						SD131	CA14		002	SD131	04-088	CP	317	
04-096-413	CPMD	D3		413	CPMD	04-104	CP	511	K		GRD04118	CA11		055	GRD04118						SD291	CA14		003	SD291	04-088	CP	223	
04-096 (NOTE 317).....										J31(A) 04-112 JACK/CP (982BA, NOTE 1).....										J33(B) 04-111 JACK/TF (982AA, NOTE 1).....									
04-088-313	CPPD	D3		313	CPPD	04-104	CP	020	K	TO CPU CKT	GRD04118	CA11		056	GRD04118						GRD04118	CA14		004	SD141	04-088	CP	318	
04-088-413	CPMD	D3		413	CPMD	04-104	CP	511	K		GRD04118	CA11		057	GRD04118						GRD04118	CA14		005	SD301	04-088	CP	114	
05-173 (NOTE 317).....										J31(B) 04-118 JACK/TF (982BA, NOTE 1).....										J34(A) 04-112 JACK/CP (982AA, NOTE 1).....									
06-173-044	PSVDST	LW		039	PSVDST				K	TO CPU CKT	GRD04118	CA11		058	GRD04118						GRD04118	CA14		006	SD151	04-088	CP	319	
06-173 (NOTE 317).....										J32(A) 04-112 JACK/CP (982BB, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
05-173-039	PSVDST	LW		044	PSVDST				K		GRD04118	CA11		059	GRD04118						GRD04118	CA14		007	SD311	04-088	CP	115	
07-173B-049	PSVDST	LW		049	PSVDST				K		GRD04118	CA11		060	GRD04118						GRD04118	CA14		008	SD331	04-112	CP	009	
07-173 (NOTE 317).....										J32(B) 04-111 JACK/TF (982BB, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
06-173-044	PSVDST	LW		049	PSVDST				K	TO CPU CKT	GRD04118	CA12		500	GRD04118						GRD04118	CA14		009	SD351	04-112	CP	010	
07-173T-054	PSVDST	LW		054	PSVDST				K		GRD04118	CA12		501	GRD04118						GRD04118	CA14		010	SD351	04-112	CP	010	
07-173 (NOTE 317).....										J31(B) 04-118 JACK/TF (982BA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173B-049	PSVDST	LW		054	PSVDST				K	TO CPU CKT	SD041	CA12		501	SD041	04-088	CP	418			GRD04118	CA14		011	SD001	04-088	CP	453	
07-173 (NOTE 317).....										J31(A) 04-112 JACK/CP (982BA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173T-054	PSVDST	LW		054	PSVDST				K		SD201	CA12		502	SD201	04-088	CP	214			GRD04118	CA14		012	SD091	04-088	CP	454	
07-173 (NOTE 317).....										J32(A) 04-112 JACK/CP (982BB, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173B-049	PSVDST	LW		054	PSVDST				K		SD051	CA12		503	SD051	04-088	CP	419			GRD04118	CA14		013	SD101	04-088	CP	455	
07-173 (NOTE 317).....										J32(B) 04-118 JACK/TF (982BB, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173T-054	PSVDST	LW		054	PSVDST				K		SD211	CA12		504	SD211	04-088	CP	215			GRD04118	CA14		014	SD111	04-088	CP	345	
07-173 (NOTE 317).....										J33(A) 04-112 JACK/CP (982AA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173B-049	PSVDST	LW		054	PSVDST				K		SD061	CA12		505	SD061	04-088	CP	420			GRD04118	CA14		015	SD121	04-088	CP	346	
07-173 (NOTE 317).....										J33(B) 04-111 JACK/TF (982AA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173T-054	PSVDST	LW		054	PSVDST				K		SD221	CA12		506	SD221	04-088	CP	216			GRD04118	CA14		016	SD131	04-088	CP	347	
07-173 (NOTE 317).....										J33(B) 04-111 JACK/TF (982AA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173B-049	PSVDST	LW		054	PSVDST				K		SD071	CA12		507	SD071	04-088	CP	421			GRD04118	CA14		017	SD141	04-088	CP	348	
07-173 (NOTE 317).....										J33(B) 04-111 JACK/TF (982AA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173T-054	PSVDST	LW		054	PSVDST				K		SD231	CA12		508	SD231	04-088	CP	217			GRD04118	CA14		018	SD151	04-088	CP	349	
07-173 (NOTE 317).....										J33(B) 04-111 JACK/TF (982AA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173B-049	PSVDST	LW		054	PSVDST				K		SD321	CA12		509	SD321	04-112	CP	509			GRD04118	CA14		019	SD331	04-088	CP	147	
07-173 (NOTE 317).....										J33(B) 04-111 JACK/TF (982AA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173T-054	PSVDST	LW		054	PSVDST				K		SD341	CA12		510	SD341	04-112	CP	510			GRD04118	CA14		020	MYSER80	04-112	CP	042	
07-173 (NOTE 317).....										J33(B) 04-111 JACK/TF (982AA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173B-049	PSVDST	LW		054	PSVDST				K		SD341	CA12		511	SD341	04-112	CP	510			GRD04118	CA14		021	MYSER80	04-112	CP	042	
07-173 (NOTE 317).....										J33(B) 04-111 JACK/TF (982AA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173T-054	PSVDST	LW		054	PSVDST				K		GRD04118	CA12		000	GRD04118						GRD04118	CA14		022	GRD04118				
07-173 (NOTE 317).....										J33(B) 04-111 JACK/TF (982AA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173B-049	PSVDST	LW		054	PSVDST				K		GRD04118	CA12		001	GRD04118						GRD04118	CA14		023	GRD04118				
07-173 (NOTE 317).....										J33(B) 04-111 JACK/TF (982AA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173T-054	PSVDST	LW		054	PSVDST				K		GRD04118	CA12		002	GRD04118						GRD04118	CA14		024	GRD04118				
07-173 (NOTE 317).....										J33(B) 04-111 JACK/TF (982AA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173B-049	PSVDST	LW		054	PSVDST				K		GRD04118	CA12		003	GRD04118						GRD04118	CA14		025	GRD04118				
07-173 (NOTE 317).....										J33(B) 04-111 JACK/TF (982AA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173T-054	PSVDST	LW		054	PSVDST				K		GRD04118	CA12		004	GRD04118						GRD04118	CA14		026	GRD04118				
07-173 (NOTE 317).....										J33(B) 04-111 JACK/TF (982AA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173B-049	PSVDST	LW		054	PSVDST				K		GRD04118	CA12		005	GRD04118						GRD04118	CA14		027	GRD04118				
07-173 (NOTE 317).....										J33(B) 04-111 JACK/TF (982AA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173T-054	PSVDST	LW		054	PSVDST				K		GRD04118	CA12		006	GRD04118						GRD04118	CA14		028	GRD04118				
07-173 (NOTE 317).....										J33(B) 04-111 JACK/TF (982AA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173B-049	PSVDST	LW		054	PSVDST				K		GRD04118	CA12		007	GRD04118						GRD04118	CA14		029	GRD04118				
07-173 (NOTE 317).....										J33(B) 04-111 JACK/TF (982AA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173T-054	PSVDST	LW		054	PSVDST				K		GRD04118	CA12		008	GRD04118						GRD04118	CA14		030	GRD04118				
07-173 (NOTE 317).....										J33(B) 04-111 JACK/TF (982AA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173B-049	PSVDST	LW		054	PSVDST				K		GRD04118	CA12		009	GRD04118						GRD04118	CA14		031	GRD04118				
07-173 (NOTE 317).....										J33(B) 04-111 JACK/TF (982AA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173T-054	PSVDST	LW		054	PSVDST				K		GRD04118	CA12		010	GRD04118						GRD04118	CA14		032	GRD04118				
07-173 (NOTE 317).....										J33(B) 04-111 JACK/TF (982AA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173B-049	PSVDST	LW		054	PSVDST				K		GRD04118	CA12		011	GRD04118						GRD04118	CA14		033	GRD04118				
07-173 (NOTE 317).....										J33(B) 04-111 JACK/TF (982AA, NOTE 1).....										J34(B) 04-111 JACK/TF (982AA, NOTE 1).....									
07-173T-054	PS																												

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CAD 100 (CONT'D)

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TO CONNECTION		FROM CONNECTION					TO CONNECTION		FROM CONNECTION					TO CONNECTION		FROM CONNECTION																	
DESTINATION	LEAD DESIG	METHOD	WIRES	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRES	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRES	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE				
.....J35(A).....		04-112 JACK/CP (982AY, NOTE 1).....																															
TO CPU CKT	MYSER00 CA16		045		MYSER00																												
	SC081 CA16		046		SD081	04-088	CP		422																								
	SD271 CA16		048		SD241	04-088	CP		218																								
	SD091 CA16		049		SD091	04-088	CP		423																								
	SD251 CA16		050		SD251	04-088	CP		219																								
	SD101 CA16		051		SD101	04-088	CP		314																								
	SD261 CA16		052		SD261	04-088	CP		220																								
	SD111 CA16		053		SD111	04-088	CP		315																								
	SD271 CA16		054		SD271	04-088	CP		221																								
	MYSER00 CA16		055		MYSER00	04-112	CP		055																								
			056																														
.....J35(B).....		04-111 JACK/TF (982AY, NOTE 1).....																															
TO CPU CKT	GRD04111 CA16		045		GRD04111																												
	GRD04111 CA16		046		GRD04111																												
	GRD04111 CA16		048		GRD04111																												
	GRD04111 CA16		049		GRD04111																												
	GRD04111 CA16		050		GRD04111																												
	GRD04111 CA16		051		GRD04111																												
	GRD04111 CA16		052		GRD04111																												
	GRD04111 CA16		053		GRD04111																												
	GRD04111 CA16		054		GRD04111																												
	GRD04111 CA16		055		GRD04111																												
			056																														
.....J36(A).....		04-112 JACK/CP (982AH, NOTE 1).....																															
TO CPU CKT	SG00 CA17		013		SG00	04-112	CP		014																								
	SA241 CA17		015		SA241	04-088	CP		547																								
	SCMO CA17		016		SCMO	04-112	CP		016																								
	WRT0 CA17		017		WRT0	04-112	CP		017																								
	CLRO CA17		018		CLRO	04-112	CP		018																								
	SHALFO CA17		019		SHALFO	04-088	CP		113																								
	SBYTE0 CA17		020		SBYTE0	04-088	CP		213																								
	SMALNT0 CA17		021		SMALNT0	04-088	CP		120																								
	SCOMPO CA17		022		SCOMPO	04-088	CP		154																								
	SA351 CA17		023		SA351	04-088	CP		548																								
			024																														
.....J36(B).....		04-111 JACK/TF (982AH, NOTE 1).....																															
TO CPU CKT	GRD04111 CA17		013		GRD04111																												
	GRD04111 CA17		014		GRD04111																												
	GRD04111 CA17		015		GRD04111																												
	GRD04111 CA17		016		GRD04111																												
	GRD04111 CA17		017		GRD04111																												
	GRD04111 CA17		018		GRD04111																												
	GRD04111 CA17		019		GRD04111																												
	GRD04111 CA17		020		GRD04111																												
	GRD04111 CA17		021		GRD04111																												
	GRD04111 CA17		022		GRD04111																												
	GRD04111 CA17		023		GRD04111																												
			024																														

CAD 101

DIRECT MEMORY ACCESS CABLES FOR 38200 MODEL 3

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MAIN STORE, IO AND DFC UNIT		DWG SIZE C
		ISSUE 13B
AT&T	SD-4099-01	GB18

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CAD 101 (CONT'D)											CAD 101 (CONT'D)											CAD 102 (CONT'D)										
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION							
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE			
..... J50(A) 04-073 JACK/TF (982AR, NOTE 1) J52(B) 04-072 (CONT'D) JACK/TF (982AR, NOTE 1) J55(A) 04-131 JACK/TF (982AR, NOTE 1)										
TO CPU DKT	C100230	CA23		013	C100230	04-088	CP		208		GRD04072	CA25		050	GRD04072					TO MS/IOF	AC101	CA28		032	A0101	04-112	CP		433			
	C100220	CA23		014	C100220	04-088	CP		410					051	GRD04072					GROWTH UNIT	A0111	CA28		033	A0111	04-112	CP		434			
	C100240	CA23		015	C100240	04-088	CP		606					052	GRD04072					DKT	A0020	CA28		034	A0020	04-112	CP		333			
	C100250	CA23		016	C100250	04-088	CP		209					053	GRD04072						A0021	CA28		035	A0021	04-112	CP		334			
	C100260	CA23		017	C100260	04-088	CP		607					054	GRD04072						A0121	CA28		036	A0121	04-112	CP		435			
	C100270	CA23		018	C100270	04-088	CP		608					055	GRD04072						A0131	CA28		037	A0131	04-112	CP		437			
	C100280	CA23		019	C100280	04-088	CP		210					056	GRD04072						A0141	CA28		038	A0141	04-112	CP		438			
	C100290	CA23		020	C100290	04-088	CP		609												A0151	CA28		039	A0151	04-112	CP		440			
	C100300	CA23		021	C100300	04-088	CP		010												A0031	CA28		040	A0031	04-112	CP		441			
	C100310	CA23		022	C100310	04-088	CP		211												A0051	CA28		041	A0051	04-112	CP		443			
	C100350	CA23		023	C100350	04-088	CP		911												A0041	CA28		042	A0041	04-112	CP		442			
	C100340	CA23		024	C100340	04-088	CP		411												A0061	CA28		043	A0061	04-112	CP		444			
..... J50(B) 04-072 JACK/TF (982AR, NOTE 1)											CAD 102 MEMORY EXTENSION CABLES FOR 3B200 MODEL 3										 J55(B) 04-130 JACK/TF (982AR, NOTE 1)										
TO CPU DKT	GRD04072	CA23		013	GRD04072					TO CONNECTION					FROM CONNECTION					TO MS/IOF	GRD04130	CA28		032	GRD04130							
	GRD04072	CA23		014	GRD04072					DESTINATION	LEAD	METHOD	WIRE	TERMINAL	LEAD	TERMINATION	TERMINAL	OPT	NOTE	GROWTH UNIT	GRD04130	CA28		033	GRD04130							
	GRD04072	CA23		015	GRD04072						DESIG									DKT	GRD04130	CA28		034	GRD04130							
	GRD04072	CA23		016	GRD04072						CA26											GRD04130	CA28		035	GRD04130						
	GRD04072	CA23		017	GRD04072						CA26											GRD04130	CA28		036	GRD04130						
	GRD04072	CA23		018	GRD04072						CA26											GRD04130	CA28		037	GRD04130						
	GRD04072	CA23		019	GRD04072						CA26											GRD04130	CA28		038	GRD04130						
	GRD04072	CA23		020	GRD04072						CA26											GRD04130	CA28		039	GRD04130						
	GRD04072	CA23		021	GRD04072						CA26											GRD04130	CA28		040	GRD04130						
	GRD04072	CA23		022	GRD04072						CA26											GRD04130	CA28		041	GRD04130						
	GRD04072	CA23		023	GRD04072						CA26											GRD04130	CA28		042	GRD04130						
	GRD04072	CA23		024	GRD04072						CA26											GRD04130	CA28		043	GRD04130						
..... J51(A) 04-073 JACK/TF (982AR, NOTE 1) J53(A) 04-131 JACK/TF (982AR, NOTE 1) J56(A) 04-131 JACK/TF (982AR, NOTE 1)										
TO CPU DKT	C10MRO	CA24		032	C10MRO	04-088	CP		022	TO MS/IOF	SPARE	CA26		000	D0040	04-162	CP		301	TO MS/IOF	D0000	CA29		045	D0000	04-162	CP		344			
	C10RDY0	CA24		033	C10RDY0	04-088	CP		021	GROWTH UNIT	D0040	CA26		001	D0120	04-162	CP		302	DKT	D0080	CA29		046	D0080	04-162	CP		345			
	C10CERO	CA24		034	C10CERO	04-088	CP		023		D0120	CA26		002	D0120	04-162	CP		302		D0010	CA29		047	D0010	04-162	CP		347			
	C10DASH0	CA24		035	C10DASH0	04-088	CP		024		SPARE	CA26		003							D0090	CA29		048	D0090	04-162	CP		348			
	D11HRT0	CA24		036	D11HRT0	04-096	CP		149		D0050	CA26		004	D0050	04-162	CP		304		D0090	CA29		049	D0090	04-162	CP		348			
	D0MRT0	CA24		037	D0MRT0	04-088	CP		149		D0130	CA26		005	D0130	04-162	CP		305		SPARE	CA29		049								
	D11CLR0	CA24		038	D11CLR0	04-096	CP		150		SPARE	CA26		006							D0020	CA29		050	D0020	04-162	CP		350			
	D0CLR0	CA24		039	D0CLR0	04-088	CP		150		D0060	CA26		007	D0060	04-162	CP		307		D0100	CA29		051	D0100	04-162	CP		351			
	D1ABUS0	CA24		040	D1ABUS0	04-096	CP		151		D0140	CA26		008	D0140	04-162	CP		308		SPARE	CA29		052								
	D0ABUS0	CA24		041	D0ABUS0	04-088	CP		151		A0181	CA26		009	A0181	04-112	CP		415		D0030	CA29		053	D0030	04-162	CP		353			
	D1SCH0	CA24		042	D1SCH0	04-096	CP		152		D0070	CA26		010	D0070	04-162	CP		310		D0110	CA29		054	D0110	04-162	CP		354			
	D0SCH0	CA24		043	D0SCH0	04-088	CP		152		D0150	CA26		011	D0150	04-162	CP		311		SPARE	CA29		055								
											GRD04130	CA26		000	GRD04130						TO MS/IOF	GRD04130	CA29		045	GRD04130						
										GROWTH UNIT	GRD04130	CA26		001	GRD04130						DKT	GRD04130	CA29		046	GRD04130						
										DKT	GRD04130	CA26		002	GRD04130							GRD04130	CA29		047	GRD04130						
											GRD04130	CA26		003	GRD04130							GRD04130	CA29		048	GRD04130						
											GRD04130	CA26		004	GRD04130							GRD04130	CA29		049	GRD04130						
											GRD04130	CA26		005	GRD04130							GRD04130	CA29		050	GRD04130						
											GRD04130	CA26		006	GRD04130							GRD04130	CA29		051	GRD04130						
											GRD04130	CA26		007	GRD04130							GRD04130	CA29		052	GRD04130						
											GRD04130	CA26		008	GRD04130							GRD04130	CA29		053	GRD04130						
											GRD04130	CA26		009	GRD04130							GRD04130	CA29		054	GRD04130						
											GRD04130	CA26		010	GRD04130							GRD04130	CA29		055	GRD04130						
											GRD04130	CA26		011	GRD04130							GRD04130	CA29		056	GRD04130						
..... J53(B) 04-130 JACK/TF (982AR, NOTE 1) J54(A) 04-131 JACK/TF (982AR, NOTE 1) J54(B) 04-130 JACK/TF (982AR, NOTE 1)										
TO MS/IOF	GRD04130	CA26		000	GRD04130					TO MS/IOF	DH0010	CA27		013	DH0010	04-162	CP		314	TO MS/IOF	GRD04130	CA27		013	GRD04130							
GROWTH UNIT	GRD04130	CA26		001	GRD04130					DKT	ADPR00	CA27		014	ADPR00	04-112	CP		207	DKT	GRD04130	CA2										

CAD 102 (CONT'D)										CAD 102 (CONT'D)										CAD 104 CU-0 CABLE FOR 38200 MODEL 3											
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
.....J57(A) 04-125 JACK/TF (982AR,NOTE 1).....										.....J59(B) 04-124 (CONT'D) JACK/TF (982AR,NOTE 1).....										.....J95 04-080 JACK/CP (982AC,NOTE 1).....											
TO MS/TOP GROWTH UNIT CKT	SPARE CA30			000	JACK/TF						GRD04124 CA32			037	GRD04124					TO CAD 105	GRD04080 CA56			051	GRD04080	04-080	CP	108			
	SPARE CA30			001							GRD04124 CA32			038	GRD04124							11CLKON CA56			052	11CLKON	04-080	CP	052		
	D0200 CA30			002	D0200	04-162	CP	002			GRD04124 CA32			039	GRD04124							11XCKON CA56			053	11XCKON	04-080	CP	053		
	D0280 CA30			003	D0280	04-162	CP	003			GRD04124 CA32			040	GRD04124							11DALON CA56			054	11DALON	04-080	CP	054		
	WRT000 CA30			004	WRT000	04-112	CP	336	ZH		GRD04124 CA32			041	GRD04124							11DAHON CA56			055	11DAHON	04-080	CP	055		
	D0210 CA30			005	D0210	04-162	CP	005			GRD04124 CA32			042	GRD04124							11REDOON CA56			056	11REDOON	04-080	CP	056		
	D0290 CA30			006	D0290	04-162	CP	006			GRD04124 CA32			043	GRD04124							11CLKOP CA56			151	11CLKOP	04-080	CP	151		
	WRT000 CA30			007	WRT000	04-112	CP	316	ZH		GRD04124 CA32			043	GRD04124							11XCKOP CA56			152	11XCKOP	04-080	CP	152		
	D0220 CA30			008	D0220	04-162	CP	008			GRD04124 CA32			043	GRD04124							11DALOP CA56			153	11DALOP	04-080	CP	153		
	EADP0 CA30			009	EADP0	04-112	CP	295	ZA		GRD04124 CA32			043	GRD04124							11DAHOP CA56			154	11DAHOP	04-080	CP	154		
	DPA00 CA30			010	DPA00	04-162	CP	313			GRD04124 CA32			043	GRD04124							11REDOOP CA56			155	11REDOOP	04-080	CP	155		
	AC171 CA30			011	AC171	04-112	CP	416			GRD04124 CA32			043	GRD04124							GRD04080 CA56			156	GRD04080	04-080	CP	108		
.....J57(B) 04-124 JACK/TF (982AR,NOTE 1).....										.....J60(A) 04-125 JACK/TF (982AR,NOTE 1).....										CAD 105 DFC-1 CABLE FOR 38200 MODEL 3											
TO MS/TOP GROWTH UNIT CKT	GRD04124 CA30			000	GRD04124					TO MS/TOP GROWTH UNIT CKT	DH0020 CA33			045	DH0020	04-162	CP	039			TO CONNECTION	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
	GRD04124 CA30			001	GRD04124						DPY00 CA33			046	DPY00	04-162	CP	040			FROM CONNECTION	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
	GRD04124 CA30			002	GRD04124						DH0030 CA33			047	DH0030	04-162	CP	042													
	GRD04124 CA30			003	GRD04124						DP200 CA33			048	DP200	04-162	CP	043													
	GRD04124 CA30			004	GRD04124						D0160 CA33			049	D0160	04-162	CP	045													
	GRD04124 CA30			005	GRD04124						D0240 CA33			050	D0240	04-162	CP	046													
	GRD04124 CA30			006	GRD04124						D0170 CA33			051	D0170	04-162	CP	048													
	GRD04124 CA30			007	GRD04124						D0250 CA33			052	D0250	04-162	CP	049													
	GRD04124 CA30			008	GRD04124						D0180 CA33			053	D0180	04-162	CP	051													
	GRD04124 CA30			009	GRD04124						D0260 CA33			054	D0260	04-162	CP	052													
	GRD04124 CA30			010	GRD04124						D019C CA33			055	D0190	04-162	CP	054													
	GRD04124 CA30			011	GRD04124						D0270 CA33			056	D0270	04-162	CP	055													
.....J58(A) 04-125 JACK/TF (982AR,NOTE 1).....										.....J60(B) 04-124 JACK/TF (982AR,NOTE 1).....										.....J98 04-058 JACK/CP (982AC,NOTE 1).....											
TO MS/TOP GROWTH UNIT CKT	D0300 CA31			013	D0300	04-162	CP	009		TO MS/TOP GROWTH UNIT CKT	GRD04124 CA33			045	GRD04124						TO CAD 106	GRD04058 CA57			006	GRD04058	04-058	CP	133		
	D0230 CA31			014	D0230	04-162	CP	011			GRD04124 CA33			046	GRD04124																
	D0310 CA31			015	D0310	04-162	CP	012			GRD04124 CA33			047	GRD04124																
	ADP000 CA31			016	ADP000	04-112	CP	203			GRD04124 CA33			048	GRD04124																
	DH0000 CA31			017	DH0000	04-162	CP	014			GRD04124 CA33			049	GRD04124																
	DPX00 CA31			018	DPX00	04-162	CP	015			GRD04124 CA33			050	GRD04124																
	WRT030 CA31			019	WRT030	04-112	CP	313			GRD04124 CA33			051	GRD04124																
	A0190 CA31			020	A0190	04-112	CP	314			GRD04124 CA33			052	GRD04124																
	CA31			021							GRD04124 CA33			053	GRD04124																
	READ01 CA31			022	PEAD01	04-112	CP	324			GRD04124 CA33			054	GRD04124																
	SG031 CA31			023	SG031	04-112	CP	213			GRD04124 CA33			055	GRD04124																
	SG021 CA31			024	SG021	04-112	CP	114			GRD04124 CA33			056	GRD04124																
.....J58(B) 04-124 JACK/TF (982AR,NOTE 1).....										.....J96 04-058 JACK/CP (982AC,NOTE 1).....										CAD 103 DFC-0 CABLE FOR 38200 MODEL 3											
TO MS/TOP GROWTH UNIT CKT	GRD04124 CA31			013	GRD04124					TO CONNECTION	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	TO CAD 104	GRD04058 CA56			006	GRD04058	04-058	CP	133		
	GRD04124 CA31			014	GRD04124					FROM CONNECTION	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE											
	GRD04124 CA31			015	GRD04124																										
	GRD04124 CA31			016	GRD04124																										
	GRD04124 CA31			017	GRD04124																										
	GRD04124 CA31			018	GRD04124																										
	GRD04124 CA31			019	GRD04124																										
	GRD04124 CA31			020	GRD04124																										
	GRD04124 CA31			021	GRD04124																										
	GRD04124 CA31			022	GRD04124																										
	GRD04124 CA31			023	GRD04124																										
	GRD04124 CA31			024	GRD04124																										
.....J59(A) 04-125 JACK/TF (982AR,NOTE 1).....										.....J96 04-058 JACK/CP (982AC,NOTE 1).....										.....J98 04-058 JACK/CP (982AC,NOTE 1).....											
TO MS/TOP GROWTH UNIT CKT	SG011 CA32			032	SG011	04-112	CP	211		TO CAD 104	GRD04058 CA56			007	GRD04058	04-058	CP	133													
	SG001 CA32			033	SG001	04-112	CP	112			11CLKON CA56			007	11CLKON	04-058	CP	007													
	SEL0090 CA32			034	SEL0090	04-112	CP	233			11XCKON CA56			008	11XCKON	04-058	CP	008			</										

CAD 106 CU-0 CABLE FOR 38200 MODEL 3											CAD 109 DFC-0 CABLE FOR 38200 MODEL 3											CAD 112 CU-1 CABLE FOR 38200 MODEL 3										
TO CONNECTION					FROM CONNECTION						TO CONNECTION					FROM CONNECTION						TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE			
.....J97										J100										J101										
TO CAD 105	GRD04080	CA57		045	GRD04080	04-080	CP		108	TO CAD 110	GRD04058	CA58		206	GRD04058	04-058	CP		133	TO CAD 111	GRD04080	CA59		045	GRD04080	04-080	CP		108			
	11CLK01N	CA57		046	11CLK01N	04-080	CP		046		11CLK00N	CA58		207	11CLK00N	04-058	CP		207		11CLK01N	CA59		046	11CLK01N	04-080	CP		046			
	11XCK01N	CA57		047	11XCK01N	04-080	CP		047		11XCK00N	CA58		208	11XCK00N	04-058	CP		208		11XCK01N	CA59		047	11XCK01N	04-080	CP		047			
	11DAL01N	CA57		048	11DAL01N	04-080	CP		048		11DAL00N	CA58		209	11DAL00N	04-058	CP		209		11DAL01N	CA59		048	11DAL01N	04-080	CP		048			
	11DAH01N	CA57		049	11DAH01N	04-080	CP		049		11DAH00N	CA58		210	11DAH00N	04-058	CP		210		11DAH01N	CA59		049	11DAH01N	04-080	CP		049			
	11REG01N	CA57		050	11REG01N	04-080	CP		050		11REG00N	CA58		211	11REG00N	04-058	CP		211		11REG01N	CA59		050	11REG01N	04-080	CP		050			
	11CLK01P	CA57		145	11CLK01P	04-080	CP		145		11CLK00P	CA58		306	11CLK00P	04-058	CP		306		11CLK01P	CA59		145	11CLK01P	04-080	CP		145			
	11XCK01P	CA57		146	11XCK01P	04-080	CP		146		11XCK00P	CA58		307	11XCK00P	04-058	CP		307		11XCK01P	CA59		146	11XCK01P	04-080	CP		146			
	11DAL01P	CA57		147	11DAL01P	04-080	CP		147		11DAL00P	CA58		308	11DAL00P	04-058	CP		308		11DAL01P	CA59		147	11DAL01P	04-080	CP		147			
	11DAH01P	CA57		148	11DAH01P	04-080	CP		148		11DAH00P	CA58		309	11DAH00P	04-058	CP		309		11DAH01P	CA59		148	11DAH01P	04-080	CP		148			
	11REG01P	CA57		149	11REG01P	04-080	CP		149		11REG00P	CA58		310	11REG00P	04-058	CP		310		11REG01P	CA59		149	11REG01P	04-080	CP		149			
	GRD04080	CA57		150	GRD04080	04-080	CP		108		GRD04058	CA58		311	GRD04058	04-058	CP		133		GRD04080	CA59		150	GRD04080	04-080	CP		108			

CAD 107 CU-0 CABLE FOR 38200 MODEL 3											CAD 110 CU-1 CABLE FOR 38200 MODEL 3											CAD 113 CU-1 CABLE FOR 38200 MODEL 3										
TO CONNECTION					FROM CONNECTION						TO CONNECTION					FROM CONNECTION						TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE			
.....J103										J99										J107										
TO IOP BASIC UNIT DKT	GRD04080	CA60		251	GRD04080	04-080	CP		108	TO CAD 109	GRD04080	CA58		051	GRD04080	04-080	CP		108	TO IOP BASIC UNIT DKT	GRD04080	CA62		251	GRD04080	04-080	CP		108			
	11CLK02N	CA60		252	11CLK02N	04-080	CP		252		11CLK00N	CA58		052	11CLK00N	04-080	CP		052		11CLK02N	CA62		252	11CLK02N	04-080	CP		252			
	11XCK02N	CA60		253	11XCK02N	04-080	CP		253		11XCK00N	CA58		053	11XCK00N	04-080	CP		053		11XCK02N	CA62		253	11XCK02N	04-080	CP		253			
	11DAL02N	CA60		254	11DAL02N	04-080	CP		254		11DAL00N	CA58		054	11DAL00N	04-080	CP		054		11DAL02N	CA62		254	11DAL02N	04-080	CP		254			
	11DAH02N	CA60		255	11DAH02N	04-080	CP		255		11DAH00N	CA58		055	11DAH00N	04-080	CP		055		11DAH02N	CA62		255	11DAH02N	04-080	CP		255			
	11REG02N	CA60		256	11REG02N	04-080	CP		256		11REG00N	CA58		056	11REG00N	04-080	CP		056		11REG02N	CA62		256	11REG02N	04-080	CP		256			
	11CLK02P	CA60		351	11CLK02P	04-080	CP		351		11CLK00P	CA58		151	11CLK00P	04-080	CP		151		11CLK02P	CA62		351	11CLK02P	04-080	CP		351			
	11XCK02P	CA60		352	11XCK02P	04-080	CP		352		11XCK00P	CA58		152	11XCK00P	04-080	CP		152		11XCK02P	CA62		352	11XCK02P	04-080	CP		352			
	11DAL02P	CA60		353	11DAL02P	04-080	CP		353		11DAL00P	CA58		153	11DAL00P	04-080	CP		153		11DAL02P	CA62		353	11DAL02P	04-080	CP		353			
	11DAH02P	CA60		354	11DAH02P	04-080	CP		354		11DAH00P	CA58		154	11DAH00P	04-080	CP		154		11DAH02P	CA62		354	11DAH02P	04-080	CP		354			
	11REG02P	CA60		355	11REG02P	04-080	CP		355		11REG00P	CA58		155	11REG00P	04-080	CP		155		11REG02P	CA62		355	11REG02P	04-080	CP		355			
	GRD04080	CA60		356	GRD04080	04-080	CP		108		GRD04080	CA58		156	GRD04080	04-080	CP		108		GRD04080	CA62		356	GRD04080	04-080	CP		108			

CAD 108 CU-0 CABLE FOR 38200 MODEL 3											CAD 111 DFC-1 CABLE FOR 38200 MODEL 3										
TO CONNECTION					FROM CONNECTION						TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
.....J105										J102										
TO IOP BASIC UNIT DKT	GRD04080	CA61		245	GRD04080	04-080	CP		108	TO CAD 112	GRD04058	CA59		206	GRD04058	04-058	CP		133		
	11CLK03N	CA61		246	11CLK03N	04-080	CP		246		11CLK00N	CA59		207	11CLK00N	04-058	CP		207		
	11XCK03N	CA61		247	11XCK03N	04-080	CP		247		11XCK00N	CA59		208	11XCK00N	04-058	CP		208		
	11DAL03N	CA61		248	11DAL03N	04-080	CP		248		11DAL00N	CA59		209	11DAL00N	04-058	CP		209		
	11DAH03N	CA61		249	11DAH03N	04-080	CP		249		11DAH00N	CA59		210	11DAH00N	04-058	CP		210		
	11REG03N	CA61		250	11REG03N	04-080	CP		250		11REG00N	CA59		211	11REG00N	04-058	CP		211		
	11CLK03P	CA61		345	11CLK03P	04-080	CP		345		11CLK00P	CA59		306	11CLK00P	04-058	CP		306		
	11XCK03P	CA61		346	11XCK03P	04-080	CP		346		11XCK00P	CA59		307	11XCK00P	04-058	CP		307		
	11DAL03P	CA61		347	11DAL03P	04-080	CP		347		11DAL00P	CA59		308	11DAL00P	04-058	CP		308		
	11DAH03P	CA61		348	11DAH03P	04-080	CP		348		11DAH00P	CA59		309	11DAH00P	04-058	CP		309		
	11REG03P	CA61		349	11REG03P	04-080	CP		349		11REG00P	CA59		310	11REG00P	04-058	CP		310		
	GRD04080	CA61		350	GRD04080	04-080	CP		108		GRD04058	CA59		311	GRD04058	04-058	CP		133		

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(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....B05				04-064	JACK/UNIT	(982GC, NOTE 1)	.....	
				013					
				014					
				015					
TO PROC SYS DKT	FRGRD05A	CAB05		016	GRD04064	04-064	CP	339	
	FRGRD05C	CAB05		017	GRD04064	04-064	CP	339	
	TXDT05N	CAB05		018	TXDT05N	04-064	CP	018	
	TXCK05N	CAB05		019	TXCK05N	04-064	CP	019	
	SAK05N	CAB05		020	SAK05N	04-064	CP	020	
	RCVSV05N	CAB05		021	RCVSV05N	04-064	CP	021	
	RCVDT05N	CAB05		022	RCVDT05N	04-064	CP	022	
	RCVCK05N	CAB05		023	RCVCK05N	04-064	CP	023	
	FRGRD05B	CAB05		024	GRD04064	04-064	CP	339	
				113					
				114					
				115					
TO PROC SYS DKT	FRGRD05A	CAB05		116	GRD04064	04-064	CP	339	
	FRGRD05B	CAB05		117	GRD04064	04-064	CP	339	
	TXDT05P	CAB05		118	TXDT05P	04-064	CP	118	
	TXCK05P	CAB05		119	TXCK05P	04-064	CP	119	
	SAK05P	CAB05		120	SAK05P	04-064	CP	120	
	RCVSV05P	CAB05		121	RCVSV05P	04-064	CP	121	
	RCVDT05P	CAB05		122	RCVDT05P	04-064	CP	122	
	RCVCK05P	CAB05		123	RCVCK05P	04-064	CP	123	
	FRGRD05C	CAB05		124	GRD04064	04-064	CP	339	
.....B06				04-064	JACK/UNIT	(982GA, NOTE 1)	.....	
TO PROC SYS DKT	FRGRD06A	CAB06		032	GRD04064	04-064	CP	339	
	TXDT06N	CAB06		033	TXDT06N	04-064	CP	033	
	TXCK06N	CAB06		034	TXCK06N	04-064	CP	034	
	SAK06N	CAB06		035	SAK06N	04-064	CP	035	
	RCVSV06N	CAB06		036	RCVSV06N	04-064	CP	036	
	RCVDT06N	CAB06		037	RCVDT06N	04-064	CP	037	
	RCVCK06N	CAB06		038	RCVCK06N	04-064	CP	038	
	FRGRD06L	CAB06		039	GRD04064	04-064	CP	339	
	FRGRD06B	CAB06		040	GRD04064	04-064	CP	339	
				041					
				042					
				043					
TO PROC SYS DKT	FRGRD06A	CAB06		132	GRD04064	04-064	CP	339	
	TXDT06P	CAB06		133	TXDT06P	04-064	CP	133	
	TXCK06P	CAB06		134	TXCK06P	04-064	CP	134	
	SAK06P	CAB06		135	SAK06P	04-064	CP	135	
	RCVSV06P	CAB06		136	RCVSV06P	04-064	CP	136	
	RCVDT06P	CAB06		137	RCVDT06P	04-064	CP	137	
	RCVCK06P	CAB06		138	RCVCK06P	04-064	CP	138	
	FRGRD06J	CAB06		139	GRD04064	04-064	CP	339	
	FRGRD06C	CAB06		140	GRD04064	04-064	CP	339	
				141					
				142					
				143					
.....B07				04-064	JACK/UNIT	(982GD, NOTE 1)	.....	
				045					
				046					
				047					
TO PROC SYS DKT	FRGRD07A	CAB07		048	GRD04064	04-064	CP	339	
	FRGRD07C	CAB07		049	GRD04064	04-064	CP	339	
	TXDT07N	CAB07		050	TXDT07N	04-064	CP	050	
	TXCK07N	CAB07		051	TXCK07N	04-064	CP	051	
	SAK07N	CAB07		052	SAK07N	04-064	CP	052	
	RCVSV07N	CAB07		053	RCVSV07N	04-064	CP	053	
	RCVDT07N	CAB07		054	RCVDT07N	04-064	CP	054	
	RCVCK07N	CAB07		055	RCVCK07N	04-064	CP	055	
	FRGRD07B	CAB07		056	GRD04064	04-064	CP	339	
				145					
				146					
				147					
TO PROC SYS DKT	FRGRD07A	CAB07		148	GRD04064	04-064	CP	339	
	FRGRD07B	CAB07		149	GRD04064	04-064	CP	339	
	TXDT07P	CAB07		150	TXDT07P	04-064	CP	150	
	TXCK07P	CAB07		151	TXCK07P	04-064	CP	151	
	SAK07P	CAB07		152	SAK07P	04-064	CP	152	
	RCVSV07P	CAB07		153	RCVSV07P	04-064	CP	153	
	RCVDT07P	CAB07		154	RCVDT07P	04-064	CP	154	
	RCVCK07P	CAB07		155	RCVCK07P	04-064	CP	155	
	FRGRD07C	CAB07		156	GRD04064	04-064	CP	339	

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