

DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION
+5V04027	1/3	+5 VOLT OUTPUT, S-DFI 0 (not connected)	00IDP(10-14)	1/3-7	SERVICE GROUP 0 TO S-DFI(10-14) CONTROL DATA	11NIN(26-30)	1/3-7	SERVICE GROUP 1 TO S-DFI(10-14) INTERRUPT
+5V04037	1/4	+5 VOLT OUTPUT, S-DFI 1 (not connected)	00NIN(10-14)	1/3-7	SERVICE GROUP 0 TO S-DFI(10-14) INTERRUPT	11ODP(26-30)	1/3-7	SERVICE GROUP 1 TO S-DFI(10-14) CONTROL DATA
+5V04047	1/5	+5 VOLT OUTPUT, S-DFI 2 (not connected)	00ODP(10-14)	1/3-7	SERVICE GROUP 0 TO S-DFI(10-14) CONTROL DATA	11PBIN(26-30)	1/3-7	SERVICE GROUP 1 TO S-DFI(10-14) RECEIVE DATA
+5V04057	1/6	+5 VOLT OUTPUT, S-DFI 3 (not connected)	00PBIN(10-14)	1/3-7	SERVICE GROUP 0 TO S-DFI(10-14) RECEIVE DATA	11PBDN(26-30)	1/3-7	SERVICE GROUP 1 TO S-DFI(10-14) XMIT DATA
+5V04067	1/7	+5 VOLT OUTPUT, S-DFI 4 (not connected)	00PBDN(10-14)	1/3-7	SERVICE GROUP 0 TO S-DFI(10-14) XMIT DATA	11SP(26-30)	1/3-7	SERVICE GROUP 1 TO S-DFI(10-14) SELECT CONTROL
+5V04129	1/8	+5 VOLT OUTPUT, S-DFI 5 (not connected)	00SP(10-14)	1/3-7	SERVICE GROUP 0 TO S-DFI(10-14) SELECT CONTROL	114MCN(26-30)	1/3-7	SERVICE GROUP 1 TO S-DFI(10-14) 4MHz CLOCK
+5V04139	1/9	+5 VOLT OUTPUT, S-DFI 6 (not connected)	004MCN(10-14)	1/3-7	SERVICE GROUP 0 TO S-DFI(10-14) 4MHz CLOCK	118KSN(26-30)	1/3-7	SERVICE GROUP 1 TO S-DFI(10-14) 8KHz SYNC
+5V04149	1/10	+5 VOLT OUTPUT, S-DFI 7 (not connected)	008KSN(10-14)	1/3-7	SERVICE GROUP 0 TO S-DFI(10-14) 8KHz SYNC			
+5V04159	1/11	+5 VOLT OUTPUT, S-DFI 8 (not connected)	01CP(26-30)	1/8-12	SERVICE GROUP 0 TO S-DFI(25-29) BURST CLOCK			
+5V04169	1/12	+5 VOLT OUTPUT, S-DFI 9 (not connected)	01IDP(26-30)	1/8-12	SERVICE GROUP 0 TO S-DFI(25-29) CONTROL DATA			
-48RTN(A,B)	1/1	+48 VOLT DC/AC POWER INPUT, POWER BUS(A,B)	01NIN(26-30)	1/8-12	SERVICE GROUP 0 TO S-DFI(25-29) INTERRUPT			
-48V(A,B)	1/1	-48 VOLT INPUT, POWER BUS(A,B)	01ODP(26-30)	1/8-12	SERVICE GROUP 0 TO S-DFI(25-29) CONTROL DATA			
FRGRD	1/12	FRAME GROUND BUS	01PBIN(26-30)	1/8-12	SERVICE GROUP 0 TO S-DFI(25-29) RECEIVE DATA			
PHRON(A,B)	1/3,8	POWER ON(A,B)	01PBDN(26-30)	1/8-12	SERVICE GROUP 0 TO S-DFI(25-29) XMIT DATA			
REF(00-09)	006	REFERENCE (not used)	01SP(26-30)	1/8-12	SERVICE GROUP 0 TO S-DFI(25-29) SELECT CONTROL			
START(A,B)	1/1	POWER START(A,B)	014MCN(26-30)	1/8-12	SERVICE GROUP 0 TO S-DFI(25-29) 4MHz CLOCK			
TP(00-09)	1/3-12	TEST POINT	018KSN(26-30)	1/8-12	SERVICE GROUP 0 TO S-DFI(25-29) 8KHz SYNC			
T1IR(10-14)	1/3-7	T1 INPUT RING TO S-DFI(10-14)	10CP(10-14)	1/8-12	SERVICE GROUP 1 TO S-DFI(25-29) BURST CLOCK			
T1IR(25-29)	1/8-12	T1 INPUT RING TO S-DFI(25-29)	10IDP(10-14)	1/8-12	SERVICE GROUP 1 TO S-DFI(25-29) CONTROL DATA			
T1IT(10-14)	1/3-7	T1 INPUT TIP TO S-DFI(10-14)	10NIN(10-14)	1/8-12	SERVICE GROUP 1 TO S-DFI(25-29) INTERRUPT			
T1IT(25-29)	1/8-12	T1 INPUT TIP TO S-DFI(25-29)	10ODP(10-14)	1/8-12	SERVICE GROUP 1 TO S-DFI(25-29) CONTROL DATA			
T1ON(10-14)	1/3-7	T1 OUTPUT NEGATIVE OF S-DFI(10-14)	10PBIN(10-14)	1/8-12	SERVICE GROUP 1 TO S-DFI(25-29) RECEIVE DATA			
T1ON(25-29)	1/8-12	T1 OUTPUT NEGATIVE OF S-DFI(25-29)	10PBDN(10-14)	1/8-12	SERVICE GROUP 1 TO S-DFI(25-29) XMIT DATA			
T1OP(10-14)	1/3-7	T1 OUTPUT POSITIVE OF S-DFI(10-14) TO EQUALIZER	10SP(10-14)	1/8-12	SERVICE GROUP 1 TO S-DFI(25-29) SELECT CONTROL			
T1OP(25-29)	1/8-12	T1 OUTPUT POSITIVE OF S-DFI(25-29) TO EQUALIZER	104MCN(10-14)	1/8-12	SERVICE GROUP 1 TO S-DFI(25-29) 4MHz CLOCK			
T1OR(10-14)A	1/2	T1 OUTPUT RING OF EQUALIZER FOR S-DFI(10-14)	108KSN(10-14)	1/8-12	SERVICE GROUP 1 TO S-DFI(25-29) 8KHz SYNC			
T1OR(25-29)A	1/2	T1 OUTPUT RING OF EQUALIZER FOR S-DFI(25-29)	11CP(26-30)	1/3-7	SERVICE GROUP 1 TO S-DFI(10-14) BURST CLOCK			
T1OT(10-14)A	1/2	T1 OUTPUT TIP OF EQUALIZER FOR S-DFI(10-14)	11IDP(26-30)	1/3-7	SERVICE GROUP 1 TO S-DFI(10-14) CONTROL DATA			
T1OT(25-29)A	1/2	T1 OUTPUT TIP OF EQUALIZER FOR S-DFI(25-29)						
XSYNC(10-14)	1/3-7	TP SYNC S-DFI(10-14)						
XSYNC(25-29)	1/8-12	TP SYNC S-DFI(25-29)						
00CP(10-14)	1/3-7	SERVICE GROUP 0 TO S-DFI(10-14) BURST CLOCK						

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DIGITAL CARRIER LINE UNIT - SUPPLEMENT		DWG SIZE C2
AT&T		ISSUE 2M
SD-5D203-01		A2

APPARATUS INDEX

LEAD INDEX

APP FIGURE
EQUIP LOC NO. SH NO.

LOCATION
DESIG FS/SYM APPFIG EOPT

LOCATION
DESIG FS/SYM CAD

CIRCUIT PACKS

CIRCUIT PACK-CP

CONN CKT

DIGITAL CARRIER LINE UNIT (CONT)

04-010 2 C2
04-018 3 C2
04-018 4 C2
04-018 5 C2

PWRSTRT 1/1 2 04-010
SDF110 1/3 8 04-027
SDF111 1/4 9 04-037
SDF112 1/5 10 04-047

-48RTNA 1/1 005
-48RTNB 1/12 005
-48VA 1/1 005
-48V8 1/12 005

01PBIN27 1/9 002
01PBIN28 1/10 002
01PBIN29 1/11 002
01PBIN30 1/12 002

110DP26 1/3 003
110DP27 1/4 003
110DP28 1/5 003
110DP29 1/6 003

GRD04027 1/3 003
GRD04027 1/3 002
GRD04027 1/3 002
GRD04027 1/3 002

GRD04129 1/8 002
GRD04129 1/8 003
GRD04129 1/8 003
GRD04129 1/8 003

04-018 6 C2
04-018 7 C2
04-027 8 C2
04-037 9 C2

SDF113 1/6 11 04-057
SDF114 1/7 12 04-067
SDF125 1/8 13 04-129
SDF126 1/9 14 04-139

FRGRD 1/12 005

01PBON26 1/8 002
01PBON27 1/9 002
01PBON28 1/10 002
01PBON29 1/11 002

110DP30 1/7 003
11PBIN26 1/3 002
11PBIN27 1/4 002
11PBIN28 1/5 002

GRD04027 1/3 002
GRD04027 1/3 003
GRD04027 1/3 003
GRD04037 1/4 003

GRD04129 1/8 003
GRD04129 1/8 003
GRD04129 1/8 003
GRD04139 1/9 005

04-047 10 C2
04-057 11 C2
04-067 12 C2
04-129 13 C2

SDF127 1/10 15 04-149
SDF128 1/11 16 04-159
SDF129 1/12 17 04-169
TICEQU 1/2 3 04-018

DIGITAL CARRIER LINE UNIT

01PBON30 1/12 002
01SP26 1/8 003
01SP27 1/9 003
01SP28 1/10 003

11PBIN29 1/6 002
11PBIN30 1/7 002
11PBON25 1/3 002
11PBON27 1/4 002

GRD04037 1/4 003
GRD04037 1/4 003
GRD04037 1/4 003
GRD04037 1/4 003

GRD04139 1/9 003
GRD04139 1/9 003
GRD04139 1/9 002
GRD04139 1/9 002

04-139 14 C3
04-149 15 C3
04-159 16 C3
04-169 17 C3

TICEQU 1/2 4 04-018
TICEQU 1/2 5 04-018
TICEQU 1/2 6 04-018
TICEQU 1/2 7 04-018

00CP10 1/3 003
00CP11 1/4 003
00CP12 1/5 003
00CP13 1/6 003

01SP29 1/11 003
01SP30 1/12 003
10CP10 1/8 003
10CP11 1/9 003

11PBON28 1/5 002
11PBON29 1/6 002
11PBON30 1/7 002
11SP26 1/3 003

GRD04037 1/4 002
GRD04037 1/4 002
GRD04037 1/4 002
GRD04037 1/4 002

GRD04139 1/9 002
GRD04139 1/9 003
GRD04139 1/9 003
GRD04139 1/9 003

DESIG

PWRSTRT 2 C2
SDF110 8 C2
SDF111 9 C2
SDF112 10 C2

001DP13 1/6 003
001DP14 1/7 003
00IN10 1/3 003
00IN11 1/4 003

001DP13 1/6 003
001DP14 1/7 003
10CP13 1/11 003
10CP14 1/12 003
101DP10 1/8 003

10CP12 1/10 003
10CP13 1/11 003
10CP14 1/12 003
101DP10 1/8 003

11SP27 1/4 003
11SP28 1/5 003
11SP29 1/6 003
11SP30 1/7 003

GRD04037 1/4 002
GRD04037 1/4 003
GRD04047 1/5 003
GRD04047 1/5 002

GRD04139 1/9 002
GRD04139 1/9 002
GRD04149 1/10 003
GRD04149 1/10 003

SDF113 11 C2
SDF114 12 C2
SDF125 13 C2
SDF126 14 C3

000DP11 1/4 003
000DP12 1/5 003
000DP13 1/6 003
000DP14 1/7 003

000DP11 1/4 003
000DP12 1/5 003
000DP13 1/6 003
000DP14 1/7 003

10N1X10 1/8 003
10N1X11 1/9 003
10N1X12 1/10 003
10N1X13 1/11 003

004MCN10 1/3 002
004MCN11 1/4 002
004MCN12 1/5 002
004MCN13 1/6 002

GRD04047 1/5 002
GRD04047 1/5 003
GRD04047 1/5 002
GRD04047 1/5 002

GRD04149 1/10 003
GRD04149 1/10 003
GRD04149 1/10 003
GRD04149 1/10 003

SDF127 15 C3
SDF128 16 C3
SDF129 17 C3
TICEQU 3 C2

00PBIN10 1/3 002
00PBIN11 1/4 002
00PBIN12 1/5 002
00PBIN13 1/6 002

00PBIN10 1/3 002
00PBIN11 1/4 002
00PBIN12 1/5 002
00PBIN13 1/6 002

10N1N14 1/12 003
100DP10 1/8 003
100DP11 1/9 003
100DP12 1/10 003

008KSN14 1/7 002
008KSN10 1/3 002
008KSN11 1/4 002
008KSN12 1/5 002

GRD04047 1/5 003
GRD04047 1/5 002
GRD04047 1/5 003
GRD04047 1/5 003

GRD04149 1/10 002
GRD04149 1/10 002
GRD04149 1/10 002
GRD04149 1/10 002

TICEQU 4 C2
TICEQU 5 C2
TICEQU 6 C2
TICEQU 7 C2

00PBIN14 1/7 002
00PBON10 1/3 002
00PBON11 1/4 002
00PBON12 1/5 002

00PBIN14 1/7 002
00PBON10 1/3 002
00PBON11 1/4 002
00PBON12 1/5 002

100DP13 1/11 003
100DP14 1/12 003
10PBIN10 1/8 002
10PBIN11 1/9 002

014MCN26 1/8 002
014MCN27 1/9 002
014MCN28 1/10 002
014MCN29 1/11 002

GRD04057 1/6 003
GRD04057 1/6 002
GRD04057 1/6 003
GRD04057 1/6 003

GRD04159 1/11 002
GRD04159 1/11 003
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00PBON14 1/7 002
00SP10 1/3 003
00SP11 1/4 003

10PBIN12 1/10 002
10PBIN13 1/11 002
10PBIN14 1/12 002
10PBON10 1/8 002

018KSN27 1/9 002
018KSN28 1/10 002
018KSN29 1/11 002
018KSN30 1/12 002

GRD04057 1/6 002
GRD04057 1/6 002
GRD04057 1/6 002
GRD04057 1/6 002

GRD04159 1/11 002
GRD04159 1/11 002
GRD04159 1/11 003
GRD04159 1/11 002

00SP12 1/5 003
00SP13 1/6 003
00SP14 1/7 003
01CP26 1/8 003

00SP12 1/5 003
00SP13 1/6 003
00SP14 1/7 003
01CP26 1/8 003

00SP12 1/5 003
00SP13 1/6 003
00SP14 1/7 003
01CP26 1/8 003

10PBON11 1/9 002
10PBON12 1/10 002
10PBON13 1/11 002
10PBON14 1/12 002

104MCN10 1/8 002
104MCN11 1/9 002
104MCN12 1/10 002
104MCN13 1/11 002

GRD04067 1/7 002
GRD04067 1/7 002
GRD04067 1/7 003
GRD04067 1/7 003

GRD04169 1/12 003
GRD04169 1/12 003
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GRD04169 1/12 003

01CP27 1/9 003
01CP28 1/10 003
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01CP30 1/12 003

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01CP30 1/12 003

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10SP11 1/9 003
10SP12 1/10 003
10SP13 1/11 003

104MCN14 1/12 002
108KSN10 1/8 002
108KSN11 1/9 002
108KSN12 1/10 002

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GRD04067 1/7 003
GRD04067 1/7 003
GRD04067 1/7 003

GRD04169 1/12 003
GRD04169 1/12 003
GRD04169 1/12 002
GRD04169 1/12 002

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011DP27 1/9 003
011DP28 1/10 003
011DP29 1/11 003

011DP26 1/8 003
011DP27 1/9 003
011DP28 1/10 003
011DP29 1/11 003

011DP26 1/8 003
011DP27 1/9 003
011DP28 1/10 003
011DP29 1/11 003

10SP14 1/12 003
11CP26 1/3 003
11CP27 1/4 003
11CP28 1/5 003

108KSN13 1/11 002
108KSN14 1/12 002
114MCN26 1/3 002
114MCN27 1/4 002

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GRD04067 1/7 002
GRD04067 1/7 002
GRD04129 1/8 002

GRD04169 1/12 002
GRD04169 1/12 002
GRD04169 1/12 002
GRD04169 1/12 002

011DP30 1/12 003
01NIN26 1/8 003
01NIN27 1/9 003
01NIN28 1/10 003

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01NIN26 1/8 003
01NIN27 1/9 003
01NIN28 1/10 003

011DP30 1/12 003
01NIN26 1/8 003
01NIN27 1/9 003
01NIN28 1/10 003

11CP29 1/6 003
11CP30 1/7 003
111DP26 1/3 003
111DP27 1/4 003

114MCN28 1/5 002
114MCN29 1/6 002
114MCN30 1/7 002
118KSN26 1/3 002

GRD04129 1/8 002
GRD04129 1/8 002
GRD04129 1/8 002
GRD04129 1/8 002

GRD04169 1/12 002
GRD04169 1/12 002
GRD04169 1/12 002
GRD04169 1/12 002

01NIN29 1/11 003
01NIN30 1/12 003
010DP26 1/8 003
010DP27 1/9 003

01NIN29 1/11 003
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010DP26 1/8 003
010DP27 1/9 003

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01NIN30 1/12 003
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010DP27 1/9 003

111DP28 1/5 003
111DP29 1/6 003
111DP30 1/7 003
11NIN26 1/3 003

118KSN27 1/4 002
118KSN28 1/5 002
118KSN29 1/6 002
118KSN30 1/7 002

GRD04027 1/3 003
GRD04027 1/3 002
GRD04027 1/3 003
GRD04027 1/3 003

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GRD04169 1/12 002
GRD04169 1/12 002
GRD04169 1/12 002

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010DP30 1/12 003
01PBIN26 1/8 002

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010DP29 1/11 003
010DP30 1/12 003
01PBIN26 1/8 002

010DP28 1/10 003
010DP29 1/11 003
010DP30 1/12 003
01PBIN26 1/8 002

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11NIN28 1/5 003
11NIN29 1/6 003
11NIN30 1/7 003

GRD04027 1/3 003
GRD04027 1/3 002
GRD04027 1/3 003
GRD04027 1/3 003

GRD04027 1/3 003
GRD04027 1/3 002
GRD04027 1/3 003
GRD04027 1/3 003

GRD04169 1/12 002
GRD04169 1/12 002
GRD04169 1/12 002
GRD04169 1/12 002

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DIGITAL CARRIER LINE UNIT - SUPPLEMENT

AT&T SD-5D203-01

DWG SIZE C2 ISSUE 2M

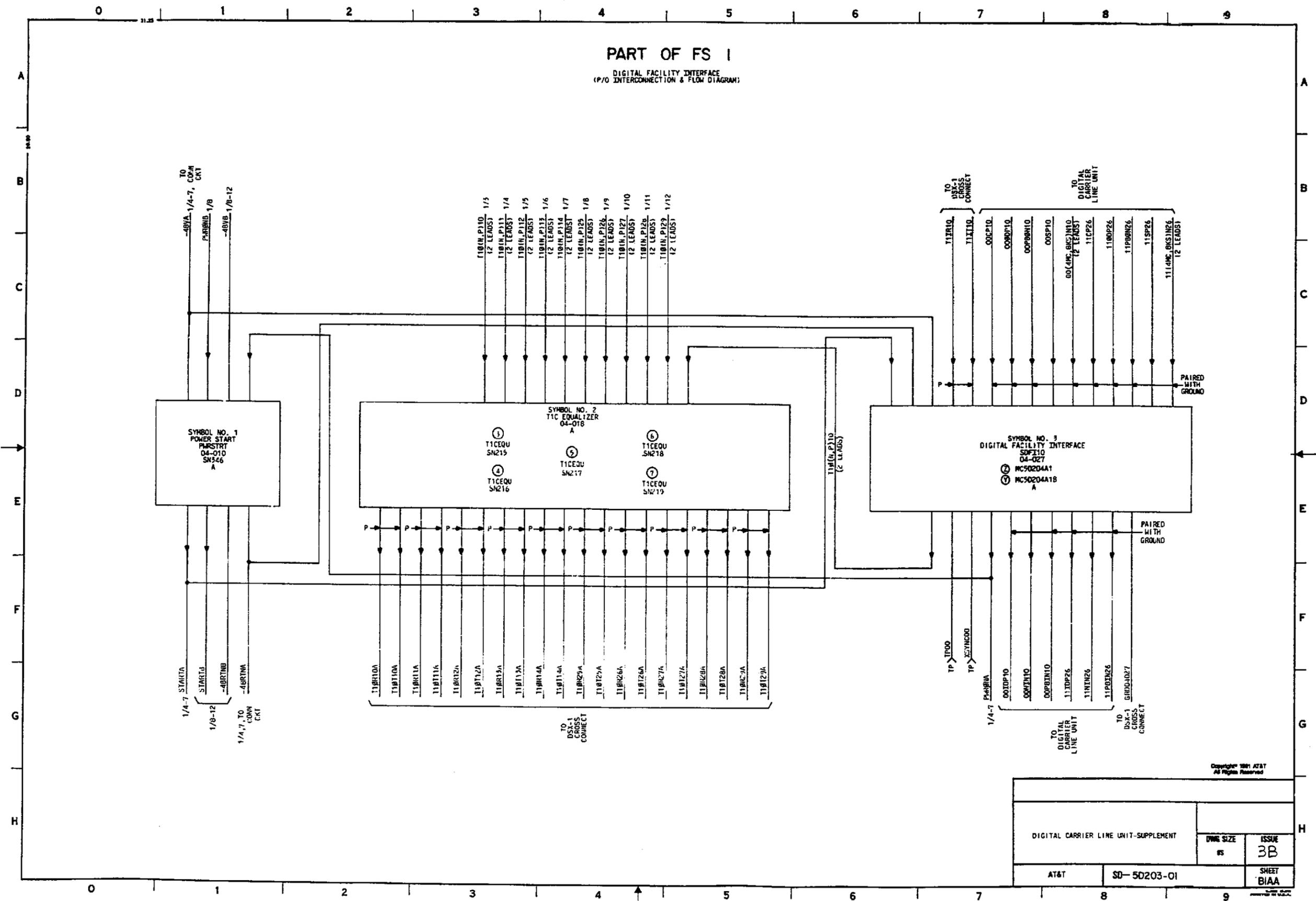
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LEAD INDEX (CONT)

DESIG	LOCATION	
	FS/SYM	CAD
DSX-1 CROSS CONNECT		
GRD04027	1/3	004
T11R10	1/3	004
T11R11	1/4	004
T11R12	1/5	004
T11R13	1/6	004
T11R14	1/7	004
T11R25	1/8	004
T11R26	1/9	004
T11R27	1/10	004
T11R28	1/11	004
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T11T27	1/10	004
T11T28	1/11	004
T11T29	1/12	004
T10R10A	1/2	004
T10R11A	1/2	004
T10R12A	1/2	004
T10R13A	1/2	004
T10R14A	1/2	004
T10R25A	1/2	004
T10R26A	1/2	004
T10R27A	1/2	004
T10R28A	1/2	004
T10R29A	1/2	004
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T10T11A	1/2	004
T10T12A	1/2	004
T10T13A	1/2	004
T10T14A	1/2	004
T10T25A	1/2	004
T10T26A	1/2	004
T10T27A	1/2	004
T10T28A	1/2	004
T10T29A	1/2	004

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DIGITAL CARRIER LINE UNIT - SUPPLEMENT		DWG SIZE C2
		ISSUE 2M
AT&T	SD-50203-01	A4

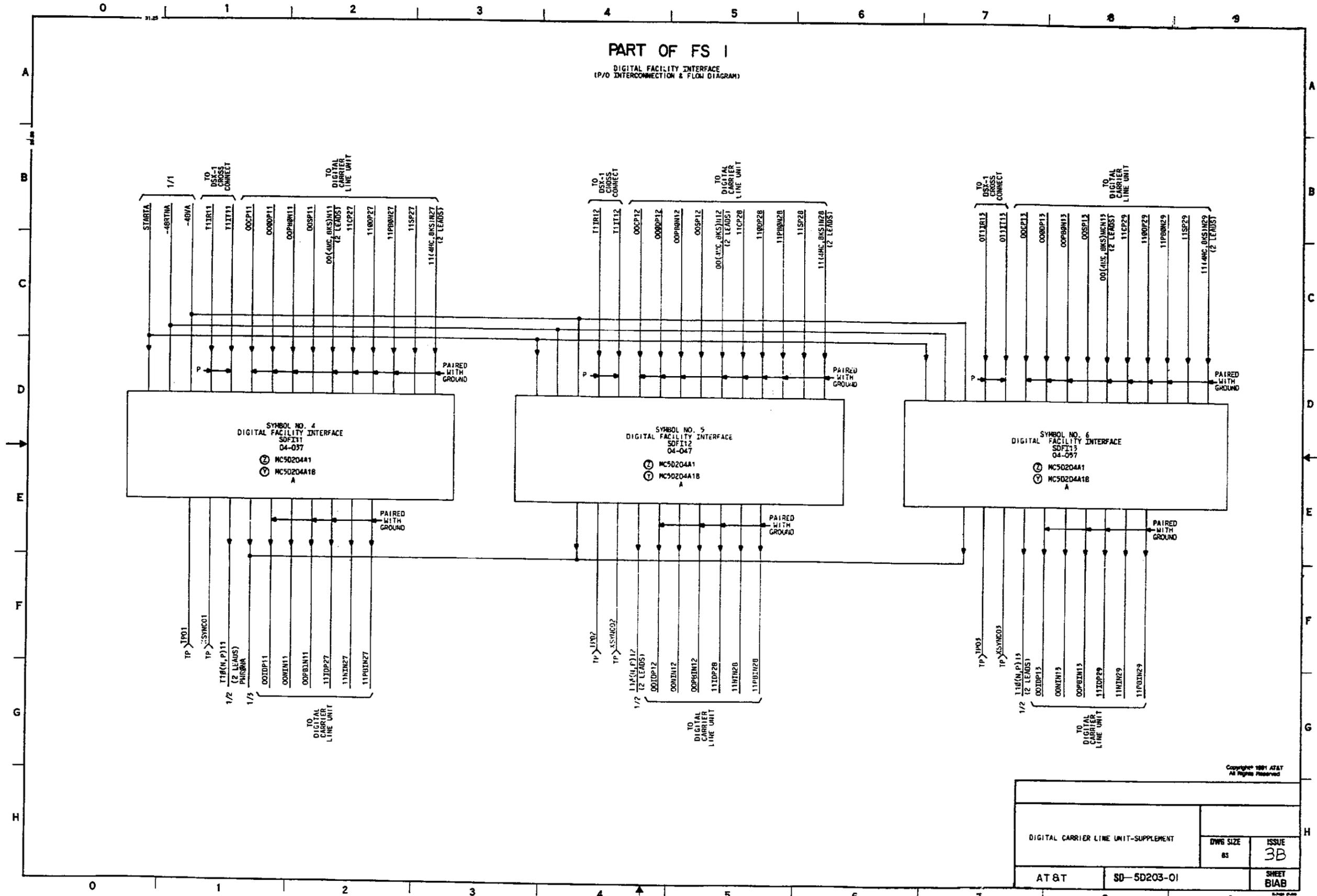
PART OF FS I
 DIGITAL FACILITY INTERFACE
 (P/O INTERCONNECTION & FLOW DIAGRAM)



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DIGITAL CARRIER LINE UNIT-SUPPLEMENT		ONE SIZE	ISSUE
		85	3B
AT&T	SD-50203-01	SHEET B1AA	

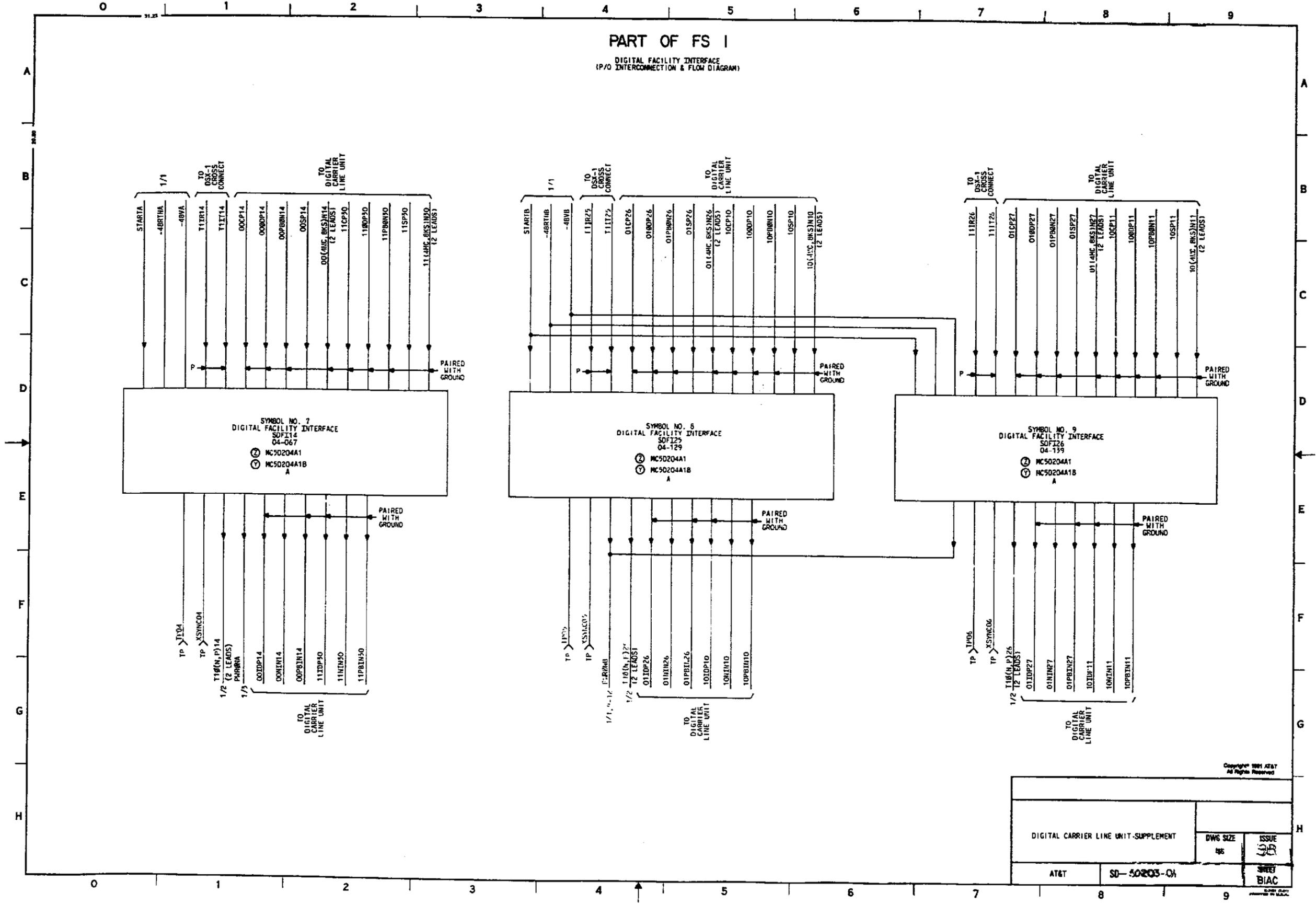
PART OF FS I
 DIGITAL FACILITY INTERFACE
 (P/O INTERCONNECTION & FLOW DIAGRAM)



DIGITAL CARRIER LINE UNIT-SUPPLEMENT		DWG SIZE	ISSUE
		85	3B
AT&T	SD-5D203-01	SHEET	
		BIAB	

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PART OF FS I
DIGITAL FACILITY INTERFACE
(P/O INTERCONNECTION & FLOW DIAGRAM)

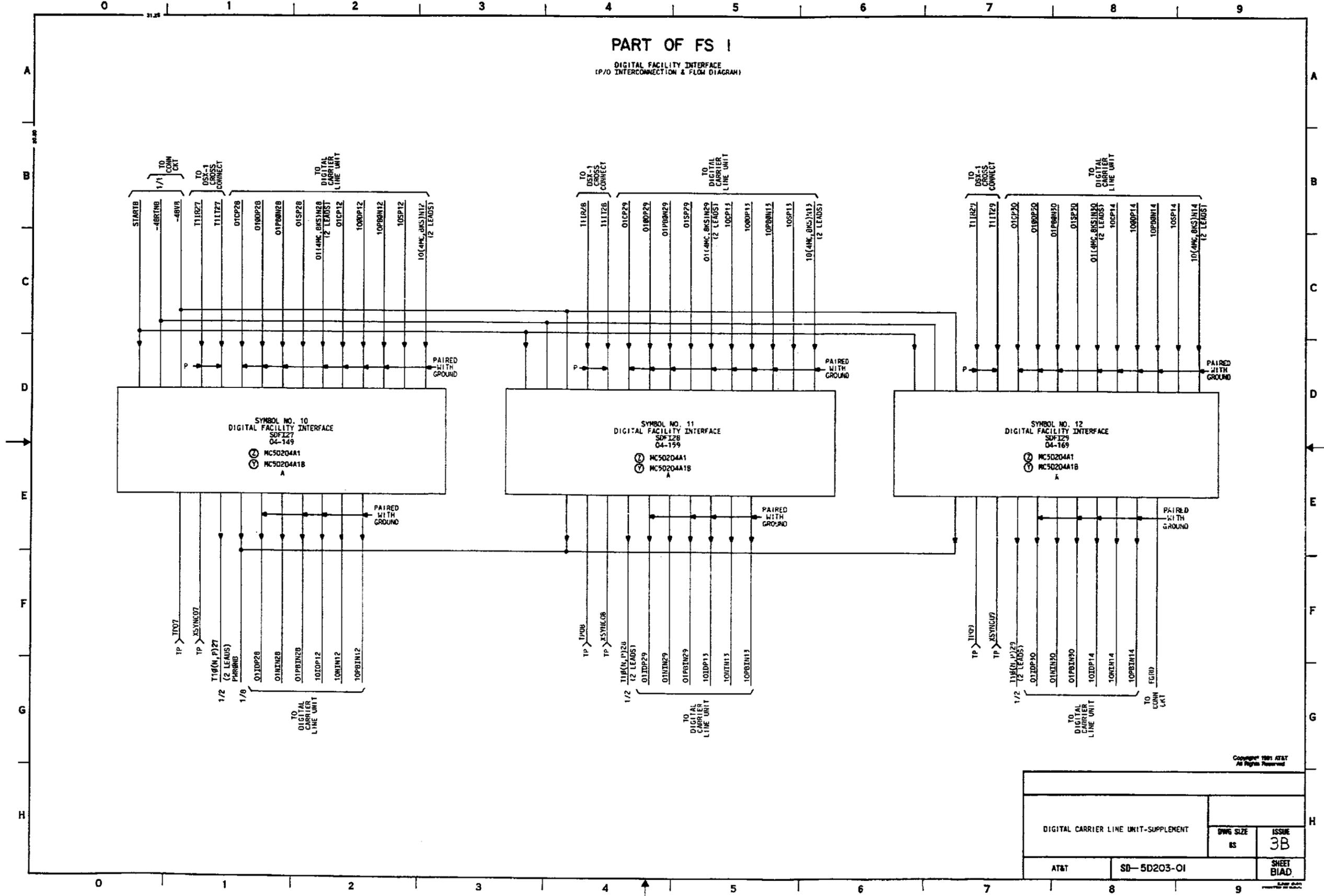


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DIGITAL CARRIER LINE UNIT-SUPPLEMENT		DWG SIZE	ISSUE
		45	15
AT&T	SD-50203-01	SHEET	
		BIAC	

PART OF FS 1

DIGITAL FACILITY INTERFACE
(P/O INTERCONNECTION & FLOW DIAGRAM)



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DIGITAL CARRIER LINE UNIT-SUPPLEMENT		DWG SIZE	ISSUE
		8S	3B
AT&T	SD-5D203-01	SHEET BIAD	

PART OF FS 1
DIGITAL FACILITY INTERFACE

SYMBOL NO. 1
POWER START

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
PHRSTR	04-010	SN346	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
-48RTNA	GRD	-48RTNA	001	1/1 TO CONN CKT	
	GRD	-48RTNA	101	1/3, 1/4 1/5, 1/6 1/7	
-48RTNB	GRD	-48RTNB	003	1/1	
	GRD	-48RTNB	103	1/8, 1/9 1/10, 1/11 1/12	
-48VA	PHR	-48VA	100	1/1	
	PHR	-48VA	000	1/3, 1/4 1/5, 1/6 1/7 TO CONN CKT	
-48VB	PHR	-48VB	102	1/1	
	PHR	-48VB	002	1/8, 1/9 1/10, 1/11 1/12	
PHRONA	I	PHRA	109	1/3	
PHRONB	I	PHRB	111	1/8	
STARTA	O	STARTA	009	1/3, 1/4 1/5, 1/6 1/7	
STARTB	O	STARTB	011	1/8, 1/9 1/10, 1/11 1/12	

SYMBOL NO. 2 (CONT)
TIC EQUALIZER

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
T1CEQU	04-018	SN215	A	(3)
T1CEQU	04-018	SN216	A	(4)
T1CEQU	04-018	SN217	A	(5)
T1CEQU	04-018	SN218	A	(6)
T1CEQU	04-018	SN219	A	(7)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
T10N11	I	R2	117	1/4	
T10N12	I	R4	121	1/5	
T10N13	I	R5	123	1/6	
T10N14	I	R7	134	1/7	
T10N25	I	R8	136	1/8	
T10N26	I	R10	140	1/9	
T10N27	I	R11	142	1/10	
T10N28	I	R13	147	1/11	
T10N29	I	R14	149	1/12	
T10P10	I	T1	116	1/3	
T10P11	I	T2	118	1/4	
T10P12	I	T4	122	1/5	
T10P13	I	T5	124	1/6	
T10P14	I	T7	135	1/7	
T10P25	I	T8	137	1/8	
T10P26	I	T10	141	1/9	
T10P27	I	T11	143	1/10	
T10P28	I	T13	148	1/11	
T10P29	I	T14	150	1/12	
T10R10A	O	R1	015	TO DSX-1 CROSS CONNECT	P/T10T10A
T10R11A	O	R2	017	TO DSX-1 CROSS CONNECT	P/T10T11A
T10R12A	O	R4	021	TO DSX-1 CROSS CONNECT	P/T10T12A
T10R13A	O	R5	023	TO DSX-1 CROSS CONNECT	P/T10T13A
T10R14A	O	R7	034	TO DSX-1 CROSS CONNECT	P/T10T14A
T10R25A	O	R8	036	TO DSX-1 CROSS CONNECT	P/T10T25A
T10R26A	O	R10	040	TO DSX-1 CROSS CONNECT	P/T10T26A
T10R27A	O	R11	042	TO DSX-1 CROSS CONNECT	P/T10T27A
T10R28A	O	R13	047	TO DSX-1 CROSS CONNECT	P/T10T28A
T10R29A	O	R14	049	TO DSX-1 CROSS CONNECT	P/T10T29A
T10T10A	O	T1	016	TO DSX-1 CROSS CONNECT	P/T10R10A
T10T11A	O	T2	018	TO DSX-1 CROSS CONNECT	P/T10R11A
T10T12A	O	T4	022	TO DSX-1 CROSS CONNECT	P/T10R12A
T10T13A	O	T5	024	TO DSX-1 CROSS CONNECT	P/T10R13A
T10T14A	O	T7	035	TO DSX-1 CROSS CONNECT	P/T10R14A
T10T25A	O	T8	037	TO DSX-1 CROSS CONNECT	P/T10R25A
T10T26A	O	T10	041	TO DSX-1 CROSS CONNECT	P/T10R26A
T10T27A	O	T11	043	TO DSX-1 CROSS CONNECT	P/T10R27A
T10T28A	O	T13	048	TO DSX-1 CROSS CONNECT	P/T10R28A
T10T29A	O	T14	050	TO DSX-1 CROSS CONNECT	P/T10R29A

SYMBOL NO. 3
DIGITAL FACILITY INTERFACE

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF110	04-027	HCSD204A1	A	(Z)
SDF110	04-027	HCSD204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006		
	O	CLK4096	010		
	O	CLK1544	011		
	O	CRERR	019		
	O	PCN20N	034		
	O	+5A	106		
	O	L1NCLK0	117		
	O	PCH10N	134		
	O	+5A	205		
	O	+5A	206		
	I	0A8	020		
	I	0A9	021		
	I	0A10	022		
	I	0A11	023		
	I	RESET	119		
	I	ADB4	120		
	I	ADB5	121		
	I	ADB6	122		
	I	ADB7	123		
	I	MBSSEN	210		
	I	ENALE	212		
	I	ALE	213		
	I	ICE1	214		
	I	ADB0	220		
	I	ADB1	221		
	I	ADB2	222		
	I	ADB3	223		
	I	ERD	233		
	I	0BDIR	234		
	I	BUSEN	235		
	I	ZCE2	236		
	I	ZCE1	237		
	I	ZCE2	238		
	GRD	GRD	047		
	GRD	GRD	053		
	O	+5A	207		
+5V04027					
-48RTNA	PHR	-48RTN	001	1/1	
	PHR	-48RTN	101	1/1	
	PHR	-48RTN	201	1/1	
	PHR	-481N	000	1/1	
-48VA	PHR	-481N	100	1/1	
	PHR	-481N	200	1/1	
	GRD	GRD	003		
GRD04027					
	GRD	L1RST	018		
	GRD	GRD	035		
	GRD	GRD	044		
	GRD	GRD	046		
	GRD	GRD	051		
	GRD	GRD	052		
	GRD	GRD	103		
	GRD	GRD	118		
	GRD	GRD	135		
	GRD	GRD	144		
	GRD	GRD	151		
	GRD	GRD	203		

SYMBOL NO. 3 (CONT)
DIGITAL FACILITY INTERFACE

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF110	04-027	HCSD204A1	A	(Z)
SDF110	04-027	HCSD204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	215		
	GRD	GRD	218		
	GRD	GRD	239		
	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT
	GRD	GRD	241		TO DIGITAL CARRIER LINE UNIT
	GRD	GRD	242		TO DIGITAL CARRIER LINE UNIT
	GRD	GRD	243		TO DIGITAL CARRIER LINE UNIT
	GRD	GRD	244		
	GRD	GRD	245		
	GRD	GRD	246		
	GRD	GRD	247		
	GRD	GRD	248		TO DIGITAL CARRIER LINE UNIT
	GRD	GRD	249		TO DIGITAL CARRIER LINE UNIT
	GRD	GRD	250		TO DIGITAL CARRIER LINE UNIT
	GRD	GRD	251		
	GRD	GRD	252		
	GRD	GRD	253		
	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT
	GRD	GRD	255		TO DIGITAL CARRIER LINE UNIT
	GRD	GRD	256		TO DIGITAL CARRIER LINE UNIT
PHRONA	OT	PHRON	009	1/4, 1/5 1/6, 1/7 1/1	
STARTA	I	START	109	1/1	
TP00	I	TP	033		
T11R10	I	L1N	032		TO DSX-1 CROSS CONNECT P/T11T10
T11T10	I	L1P	132		TO DSX-1 CROSS CONNECT P/T11R10
T10N10	O	L0N	024		
T10P10	O	L0P	124		1/2
XSYNC10	O	XSYNC	111		
00CP10	I	0CP	148		TO DIGITAL CARRIER P/GRD04027

SYMBOL NO. 2
TIC EQUALIZER

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
T1CEQU	04-018	SN215	A	(3)
T1CEQU	04-018	SN216	A	(4)
T1CEQU	04-018	SN217	A	(5)
T1CEQU	04-018	SN218	A	(6)
T1CEQU	04-018	SN219	A	(7)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
NC	O	R0	013		
	O	T0	014		
	O	R3	019		
	O	T3	020		
	O	R6	032		
	O	T6	033		
	O	R9	038		
	O	T9	039		
	O	R12	045		
	O	T12	046		
	I	R0	113		
	I	T0	114		
	I	R3	119		
	I	T3	120		
	I	R6	132		
	I	T6	133		
	I	R9	138		
	I	T9	139		
	I	R12	145		
	I	T12	146		
T10N10	I	R1	115	1/3	

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SYMBOL(S) 1 2 3

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DIGITAL CARRIER LINE UNIT - SUPPLEMENT

AT&T SD-5D203-01 B1CA

ENG SIZE 3B

AT&T B1CA

PART OF FS 1
DIGITAL FACILITY INTERFACE

SYMBOL NO. 3 (CONT)
DIGITAL FACILITY INTERFACE

SYMBOL NO. 4
DIGITAL FACILITY INTERFACE

SYMBOL NO. 4 (CONT)
DIGITAL FACILITY INTERFACE

SYMBOL NO. 4 (CONT)
DIGITAL FACILITY INTERFACE

SYMBOL NO. 3 (CONT)							SYMBOL NO. 4							SYMBOL NO. 4 (CONT)							SYMBOL NO. 4 (CONT)						
DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT		
SDF110	04-027	MC5D204A1	A	(Z)			SDF111	04-037	MC5D204A1	A	(Z)			SDF111	04-037	MC5D204A1	A	(Z)			SDF111	04-037	MC5D204A1B	A	(Z)	(Y)	
SDF110	04-027	MC5D204A1B	A	(Y)			SDF111	04-037	MC5D204A1B	A	(Y)			SDF111	04-037	MC5D204A1B	A	(Y)			SDF111	04-037	MC5D204A1B	A	(Y)		
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
001DP10	0	01DP	150		LINE UNIT TO DIGITAL CARRIER LINE UNIT	P/GRD04027	NC	0	+5A	006					GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT		008KSN11	I	08KSN	138		TO DIGITAL CARRIER LINE UNIT	P/GRD04037
00NIN10	0	0NINTP	146		TO DIGITAL CARRIER LINE UNIT		0	CLK4096	010					GRD	GRD	241		TO DIGITAL CARRIER LINE UNIT		11CP27	I	1CP	154		TO DIGITAL CARRIER LINE UNIT	P/GRD04037	
000DP10	I	00DP	149		TO DIGITAL CARRIER LINE UNIT	P/GRD04027	0	CRERR	019					GRD	GRD	242		TO DIGITAL CARRIER LINE UNIT		111DP27	0	11DP	156		TO DIGITAL CARRIER LINE UNIT	P/GRD04037	
00PBIN10	0	0PBIN	137		TO DIGITAL CARRIER LINE UNIT	P/GRD04027	0	PCHZOM	034					GRD	GRD	243		TO DIGITAL CARRIER LINE UNIT		11NIN27	0	1KINTP	152		TO DIGITAL CARRIER LINE UNIT		
00PBON10	I	0PBON	136		TO DIGITAL CARRIER LINE UNIT	P/GRD04027	0	+5A	106					GRD	GRD	244		TO DIGITAL CARRIER LINE UNIT		110DP27	I	10DP	155		TO DIGITAL CARRIER LINE UNIT	P/GRD04037	
00SP10	I	0SP	147		TO DIGITAL CARRIER LINE UNIT		I	0A8	020					GRD	GRD	245		TO DIGITAL CARRIER LINE UNIT		11PBIN27	0	1PBIN	141		TO DIGITAL CARRIER LINE UNIT	P/GRD04037	
004MCN10	I	04MCN	139		TO DIGITAL CARRIER LINE UNIT	P/GRD04027	I	0A9	021					GRD	GRD	246		TO DIGITAL CARRIER LINE UNIT		11PBON27	I	1PBON	140		TO DIGITAL CARRIER LINE UNIT	P/GRD04037	
008KSN10	I	08KSN	138		TO DIGITAL CARRIER LINE UNIT	P/GRD04027	I	0A10	022					GRD	GRD	247		TO DIGITAL CARRIER LINE UNIT		11SP27	I	1SP	153		TO DIGITAL CARRIER LINE UNIT		
11CP26	I	1CP	154		TO DIGITAL CARRIER LINE UNIT	P/GRD04027	I	0A11	023					GRD	GRD	248		TO DIGITAL CARRIER LINE UNIT		114MCN27	I	14MCN	143		TO DIGITAL CARRIER LINE UNIT	P/GRD04037	
111DP26	0	11DP	156		TO DIGITAL CARRIER LINE UNIT	P/GRD04027	I	RESET	119					GRD	GRD	249		TO DIGITAL CARRIER LINE UNIT		118KSN27	I	18KSN	142		TO DIGITAL CARRIER LINE UNIT	P/GRD04037	
11NIN26	0	1KINTP	152		TO DIGITAL CARRIER LINE UNIT		I	ADB4	120																		
110DP26	I	10DP	155		TO DIGITAL CARRIER LINE UNIT	P/GRD04027	I	ADB5	121																		
11PBIN26	0	1PBIN	141		TO DIGITAL CARRIER LINE UNIT	P/GRD04027	I	ADB6	122																		
11PBON26	I	1PBON	140		TO DIGITAL CARRIER LINE UNIT	P/GRD04027	I	ADB7	123																		
11SP26	I	1SP	153		TO DIGITAL CARRIER LINE UNIT		I	HBTSEN	210																		
114MCN26	I	14MCN	143		TO DIGITAL CARRIER LINE UNIT	P/GRD04027	I	ENALE	212																		
118KSN26	I	18KSN	142		TO DIGITAL CARRIER LINE UNIT	P/GRD04027	I	ALE	213																		
							I	1CE1	214																		
							I	ADB0	220																		
							I	ADB1	221																		
							I	ADB2	222																		
							I	ADB3	223																		
							I	ERD	233																		
							I	DBDIR	234																		
							I	BUSEN	235																		
							I	2CE2	236																		
							I	2CE1	237																		
							I	1CE2	238																		
							GRD	GRD	047																		
							GRD	GRD	053																		
							0	+5A	207																		
							I	VDD2	007																		
							I	VDD1	107																		
							PHR	-48RTN	001		1/1																
							PHR	-48RTN	101		1/1																
							PHR	-48RTN	201		1/1																
							PHR	-48IN	000		1/1																
							PHR	-48IN	100		1/1																
							PHR	-48IN	200		1/1																
							GRD	GRD	003																		
							GRD	LIRST	018																		
							GRD	GRD	035																		
							GRD	GRD	044																		
							GRD	GRD	046																		
							GRD	GRD	051																		
							GRD	GRD	052																		
							GRD	GRD	103																		
							GRD	GRD	118																		
							GRD	GRD	135																		
							GRD	GRD	144																		
							GRD	GRD	151																		
							GRD	GRD	203																		
							GRD	GRD	215																		
							GRD	GRD	218																		
							GRD	GRD	239																		

PART OF FS 1
DIGITAL FACILITY INTERFACE

SYMBOL NO. 5
DIGITAL FACILITY INTERFACE

SYMBOL NO. 5 (CONT)
DIGITAL FACILITY INTERFACE

SYMBOL NO. 5 (CONT)
DIGITAL FACILITY INTERFACE

SYMBOL NO. 6 (CONT)
DIGITAL FACILITY INTERFACE

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
SDF112	04-047	MCS0204A1	A	(Z)	SDF112	04-047	MCS0204A1	A	(Z)	SDF112	04-047	MCS0204A1	A	(Z)	SDF113	04-057	MCS0204A1	A	(Z)
SDF112	04-047	MCS0204A1B	A	(Y)	SDF112	04-047	MCS0204A1B	A	(Y)	SDF112	04-047	MCS0204A1B	A	(Y)	SDF113	04-057	MCS0204A1B	A	(Y)

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	+5A	006				GRD	GRD	240	TO DIGITAL CARRIER LINE UNIT		008KSN12	I	08KSN	138	TO DIGITAL CARRIER LINE UNIT	P/GR004047		I	ADB7	123		
	0	CLK4096	010				GRD	GRD	241	TO DIGITAL CARRIER LINE UNIT		11CP28	I	1CP	154	TO DIGITAL CARRIER LINE UNIT	P/GR004047		I	METSSEN	210		
	0	CLK1544	011				GRD	GRD	242	TO DIGITAL CARRIER LINE UNIT		11DP28	0	1DP	156	TO DIGITAL CARRIER LINE UNIT	P/GR004047		I	ENALE	212		
	0	CRERR	019				GRD	GRD	243	TO DIGITAL CARRIER LINE UNIT		11DP28	0	1DP	156	TO DIGITAL CARRIER LINE UNIT	P/GR004047		I	ALE	213		
	0	PCM20M	034				GRD	GRD	244	TO DIGITAL CARRIER LINE UNIT		11NIN28	0	1KINTP	152	TO DIGITAL CARRIER LINE UNIT			I	1CE1	214		
	0	+5A	106				GRD	GRD	245	TO DIGITAL CARRIER LINE UNIT		11DP28	I	10DP	155	TO DIGITAL CARRIER LINE UNIT	P/GR004047		I	ADB0	220		
	0	LINCLK0	117				GRD	GRD	246	TO DIGITAL CARRIER LINE UNIT		11PBIN28	0	1PBIN	141	TO DIGITAL CARRIER LINE UNIT	P/GR004047		I	ADB1	221		
	0	PCM10M	134				GRD	GRD	247	TO DIGITAL CARRIER LINE UNIT		11DP28	I	10DP	155	TO DIGITAL CARRIER LINE UNIT	P/GR004047		I	ADB2	222		
	0	+5A	206				GRD	GRD	248	TO DIGITAL CARRIER LINE UNIT		11PBIN28	0	1PBIN	141	TO DIGITAL CARRIER LINE UNIT	P/GR004047		I	ADB3	223		
	I	0A8	020				GRD	GRD	249	TO DIGITAL CARRIER LINE UNIT		11PBON28	I	1PBON	140	TO DIGITAL CARRIER LINE UNIT	P/GR004047		I	ERD	233		
	I	0A9	021				GRD	GRD	250	TO DIGITAL CARRIER LINE UNIT		11SP28	I	1SP	153	TO DIGITAL CARRIER LINE UNIT			I	DBDIR	234		
	I	0A10	022				GRD	GRD	251	TO DIGITAL CARRIER LINE UNIT		114MCN28	I	14MCN	143	TO DIGITAL CARRIER LINE UNIT	P/GR004047		I	BUSEN	235		
	I	0A11	023				GRD	GRD	252	TO DIGITAL CARRIER LINE UNIT		11BKS28	I	1BKS	142	TO DIGITAL CARRIER LINE UNIT	P/GR004047		I	ZCE2	236		
	I	RESET	119				GRD	GRD	253	TO DIGITAL CARRIER LINE UNIT									I	ZCE1	237		
	I	ADB4	120				GRD	GRD	254	TO DIGITAL CARRIER LINE UNIT									I	1CE2	238		
	I	ADB5	121				GRD	GRD	255	TO DIGITAL CARRIER LINE UNIT									I	ADB6	122		
	I	ADB6	122				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ADB7	123		
	I	ADB7	123				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	METSSEN	210		
	I	METSSEN	210				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ENALE	212		
	I	ENALE	212				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ALE	213		
	I	ALE	213				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	1CE1	214		
	I	1CE1	214				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ADB0	220		
	I	ADB0	220				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ADB1	221		
	I	ADB1	221				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ADB2	222		
	I	ADB2	222				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ADB3	223		
	I	ADB3	223				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ERD	233		
	I	ERD	233				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	DBDIR	234		
	I	DBDIR	234				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	BUSEN	235		
	I	BUSEN	235				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ZCE2	236		
	I	ZCE2	236				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ZCE1	237		
	I	ZCE1	237				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	1CE2	238		
	I	1CE2	238				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ADB6	122		
	GRD	GRD	047				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ADB7	123		
	GRD	GRD	053				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	METSSEN	210		
	0	-5A	207				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ENALE	212		
	I	VDD2	007				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ALE	213		
	I	VDD1	107				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	1CE1	214		
	PHR	-48RTN	001	1/1			GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ADB0	220		
	PHR	-48RTN	101	1/1			GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ADB1	221		
	PHR	-48RTN	201	1/1			GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ADB2	222		
	PHR	-48IN	000	1/1			GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ADB3	223		
	PHR	-48IN	100	1/1			GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ERD	233		
	PHR	-48IN	200	1/1			GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	DBDIR	234		
	GRD	GRD	003	1/1			GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	BUSEN	235		
	GRD	GRD	018				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ZCE2	236		
	GRD	GRD	035				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ZCE1	237		
	GRD	GRD	044				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	1CE2	238		
	GRD	GRD	046				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ADB6	122		
	GRD	GRD	051				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ADB7	123		
	GRD	GRD	052				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	METSSEN	210		
	GRD	GRD	103				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ENALE	212		
	GRD	GRD	118				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ALE	213		
	GRD	GRD	135				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	1CE1	214		
	GRD	GRD	144				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ADB0	220		
	GRD	GRD	151				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ADB1	221		
	GRD	GRD	203				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ADB2	222		
	GRD	GRD	215				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ADB3	223		
	GRD	GRD	218				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ERD	233		
	GRD	GRD	239				GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	DBDIR	234		
							GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	BUSEN	235		
							GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ZCE2	236		
							GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ZCE1	237		
							GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	1CE2	238		
							GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ADB6	122		
							GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ADB7	123		
							GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	METSSEN	210		
							GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT									I	ENALE	212		

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DIGITAL FACILITY INTERFACE

SYMBOL NO. 6 (CONT)
DIGITAL FACILITY INTERFACE

SYMBOL NO. 6 (CONT)
DIGITAL FACILITY INTERFACE

SYMBOL NO. 7 (CONT)
DIGITAL FACILITY INTERFACE

SYMBOL NO. 7 (CONT)
DIGITAL FACILITY INTERFACE

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF113	04-057	MCSD204A1	A	(Z)
SDF113	04-057	MCSD204A1B	A	(Y)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF113	04-057	MCSD204A1	A	(Z)
SDF113	04-057	MCSD204A1B	A	(Y)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF114	04-067	MCSD204A1	A	(Z)
SDF114	04-067	MCSD204A1B	A	(Y)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF114	04-067	MCSD204A1	A	(Z)
SDF114	04-067	MCSD204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					CARRIER LINE UNIT	
	GRD	GRD	243		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	249		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	250		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	255		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	256		TO DIGITAL CARRIER LINE UNIT	
PHRONA	OT	PHRON	009		1/3	
STARTA	I	STAKT	109		1/1	
TPO3	I	TP	033			
T11R13	I	LIN	032		TO DSX-1 CROSS CONNECT	P/T11T13
T11T13	I	L1P	132		TO DSX-1 CROSS CONNECT	P/T11R13
T10N13	O	LON	024		1/2	
T10P13	O	LOP	124		1/2	
XSYNC13	O	XSYNC	111			
00CP13	I	0CP	148		TO DIGITAL CARRIER LINE UNIT	P/GRD04057
00IDP13	O	0IDP	150		TO DIGITAL CARRIER LINE UNIT	P/GRD04057
00NIN13	O	0NINTP	146		TO DIGITAL CARRIER LINE UNIT	
00ODP13	I	0ODP	149		TO DIGITAL CARRIER LINE UNIT	P/GRD04057
00PBIN13	O	0PBIN	137		TO DIGITAL CARRIER LINE UNIT	P/GRD04057
00PBN13	I	0PBN	136		TO DIGITAL CARRIER LINE UNIT	P/GRD04057
00SP13	I	0SP	147		TO DIGITAL CARRIER LINE UNIT	
004MCN13	I	04MCN	139		TO DIGITAL CARRIER LINE UNIT	P/GRD04057
008KSN13	I	08KSN	138		TO DIGITAL CARRIER LINE UNIT	P/GRD04057
11CP29	I	1CP	154		TO DIGITAL CARRIER LINE UNIT	P/GRD04057

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
11DP29	O	11DP	156		TO DIGITAL CARRIER LINE UNIT	P/GRD04057
11NIN29	O	1KINTP	152		TO DIGITAL CARRIER LINE UNIT	
11ODP29	I	1ODP	155		TO DIGITAL CARRIER LINE UNIT	P/GRD04057
11PBIN29	O	1PBIN	141		TO DIGITAL CARRIER LINE UNIT	P/GRD04057
11PBN29	I	1PBN	140		TO DIGITAL CARRIER LINE UNIT	P/GRD04057
11SP29	I	1SP	153		TO DIGITAL CARRIER LINE UNIT	
114MCN29	I	14MCN	143		TO DIGITAL CARRIER LINE UNIT	P/GRD04057
118KSN29	I	18KSN	142		TO DIGITAL CARRIER LINE UNIT	P/GRD04057

SYMBOL NO. 7
DIGITAL FACILITY INTERFACE

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF114	04-067	MCSD204A1	A	(Z)
SDF114	04-067	MCSD204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCEPR	019			
	O	PDN20M	034			
	O	+5A	106			
	O	L1NCLK0	117			
	O	PCNTON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBSSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	ADB0	220			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	DBDIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
	PHR	-48RTN	001		1/1	
	PHR	-48RTN	101		1/1	
	PHR	-48RTN	201		1/1	
	PHR	-48IN	000		1/1	
	PHR	-48IN	100		1/1	
	PHR	-48IN	200		1/1	
	GRD	GRD	005			
	GRD	L1RST	018			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	205			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	239			
	GRD	GRD	240			
	GRD	GRD	241			
	GRD	GRD	242			
	GRD	GRD	243			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
					TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	249			
					TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	250			
	GRD	GRD	251			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	252			
	GRD	GRD	253			
	GRD	GRD	254			
					TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	255			
					TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	256			
					TO DIGITAL CARRIER LINE UNIT	
					TO DIGITAL CARRIER LINE UNIT	
PHRONA	OT	PHRON	009		1/3	
STARTA	I	STAKT	109		1/1	
TPO4	I	TP	033			
T11R14	I	LIN	032		TO DSX-1 CROSS CONNECT	P/T11T14
T11T14	I	L1P	132		TO DSX-1 CROSS CONNECT	P/T11R14
T10N14	O	LON	024		1/2	
T10P14	O	LOP	124		1/2	
XSYNC14	O	XSYNC	111			
00CP14	I	0CP	148		TO DIGITAL CARRIER LINE UNIT	P/GRD04067
00IDP14	O	0IDP	150		TO DIGITAL CARRIER LINE UNIT	P/GRD04067
00NIN14	O	0NINTP	146		TO DIGITAL CARRIER LINE UNIT	
00ODP14	I	0ODP	149		TO DIGITAL CARRIER LINE UNIT	P/GRD04067
00PBIN14	O	0PBIN	137		TO DIGITAL CARRIER LINE UNIT	P/GRD04067
00PBN14	I	0PBN	136		TO DIGITAL CARRIER LINE UNIT	P/GRD04067
00SP14	I	0SP	147		TO DIGITAL CARRIER LINE UNIT	
004MCN14	I	04MCN	139		TO DIGITAL CARRIER LINE UNIT	P/GRD04067
008KSN14	I	08KSN	138		TO DIGITAL CARRIER LINE UNIT	P/GRD04067
11CP30	I	1CP	154		TO DIGITAL CARRIER LINE UNIT	P/GRD04067
11IDP30	O	1IDP	156		TO DIGITAL CARRIER LINE UNIT	P/GRD04067
11NIN30	O	1KINTP	152		TO DIGITAL CARRIER LINE UNIT	

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DIGITAL CARRIER LINE UNIT - SUPPLEMENT	DWG SIZE C2	ISSUE 3B
AT&T	SD-50203-01	B1CD

PART OF FS 1
DIGITAL FACILITY INTERFACE

SYMBOL NO. 7 (CONT)
DIGITAL FACILITY INTERFACE

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF114	04-067	MCSD204A1	A	(Z)
SDF114	04-067	MCSD204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
110DP30	I	10DP	155		TO DIGITAL CARRIER LINE UNIT	P/GRD04067
11PBIN30	O	1PBIN	141		TO DIGITAL CARRIER LINE UNIT	P/GRD04067
11PBON30	I	1PBON	140		TO DIGITAL CARRIER LINE UNIT	P/GRD04067
11SP30	I	1SP	153		TO DIGITAL CARRIER LINE UNIT	P/GRD04067
114MCN30	I	14MCN	143		TO DIGITAL CARRIER LINE UNIT	P/GRD04067
118KSN30	I	18KSN	142		TO DIGITAL CARRIER LINE UNIT	P/GRD04067

SYMBOL NO. 8 (CONT)
DIGITAL FACILITY INTERFACE

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF125	04-129	MCSD204A1	A	(Z)
SDF125	04-129	MCSD204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
+5V04129	GRD	GRD	047			
	GRD	GRD	053			
	O	+5A	207			
	I	Y002	007			
	I	Y001	107			
-48RTNB	PMR	-48RTN	001		1/1	
	PMR	-48RTN	101		1/1	
	PMR	-48RTN	201		1/1	
-48VB	PMR	-48RTN	000		1/1	
	PMR	-48RTN	100		1/1	
	PMR	-48RTN	200		1/1	
GRD04129	GRD	GRD	003			
	GRD	L1RST	018			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	239		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	241		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	242		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	243		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	249		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	250		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	251		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	252			
	GRD	GRD	253			
	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT	

SYMBOL NO. 8 (CONT)
DIGITAL FACILITY INTERFACE

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF125	04-129	MCSD204A1	A	(Z)
SDF125	04-129	MCSD204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	255		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	256		TO DIGITAL CARRIER LINE UNIT	
PHRONB	OT	PHRON	009		1/9, 1/10, 1/11, 1/12, 1/1	
	I					
STARTB	I	START	109		1/1	
TP05	I	TP	033			
T11R25	I	LIN	032		TO DISK-1 CROSS CONNECT	P/T11R25
	I	L1P	132		TO DISK-1 CROSS CONNECT	P/T11R25
T10N25	O	LON	024			
T10P25	O	L0P	124		1/2	
XSYN25	O	XSYN	111			
01CP26	I	1CP	154		TO DIGITAL CARRIER LINE UNIT	P/GRD04129
011DP26	O	11DP	156		TO DIGITAL CARRIER LINE UNIT	P/GRD04129
01N1N26	O	1KINTP	152		TO DIGITAL CARRIER LINE UNIT	
0100P26	I	100P	155		TO DIGITAL CARRIER LINE UNIT	P/GRD04129
01PBIN26	O	1PBIN	141		TO DIGITAL CARRIER LINE UNIT	P/GRD04129
01PBON26	I	1PBON	140		TO DIGITAL CARRIER LINE UNIT	P/GRD04129
01SP26	I	1SP	153		TO DIGITAL CARRIER LINE UNIT	P/GRD04129
014MCN26	I	14MCN	143		TO DIGITAL CARRIER LINE UNIT	P/GRD04129
018KSN26	I	18KSN	142		TO DIGITAL CARRIER LINE UNIT	P/GRD04129
10CP10	I	0CP	148		TO DIGITAL CARRIER LINE UNIT	P/GRD04129
101DP10	O	01DP	150		TO DIGITAL CARRIER LINE UNIT	P/GRD04129
10N1N10	O	0NINTP	146		TO DIGITAL CARRIER LINE UNIT	
1000P10	I	00DP	149		TO DIGITAL CARRIER LINE UNIT	P/GRD04129
10PBIN10	O	0PBIN	137		TO DIGITAL CARRIER LINE UNIT	P/GRD04129
10PBON10	I	0PBON	136		TO DIGITAL CARRIER LINE UNIT	P/GRD04129
10SP10	I	0SP	147		TO DIGITAL CARRIER LINE UNIT	
104MCN10	I	04MCN	139		TO DIGITAL CARRIER LINE UNIT	P/GRD04129

SYMBOL NO. 8
DIGITAL FACILITY INTERFACE

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF125	04-129	MCSD204A1	A	(Z)
SDF125	04-129	MCSD204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRERR	019			
	O	PCN20M	034			
	O	+5A	106			
	O	L1NCLK0	117			
	O	PCHTON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	HBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	DSD1R	234			
	I	BOSEN	235			

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SYMBOL(S) 7 & 8

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DIGITAL CARRIER LINE UNIT - SUPPLEMENT	DWG SIZE C2	ISSUE 3B
AT&T	SD-50203-01	B1CE

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DIGITAL FACILITY INTERFACE

SYMBOL NO. 9
DIGITAL FACILITY INTERFACE

SYMBOL NO. 9 (CONT)
DIGITAL FACILITY INTERFACE

SYMBOL NO. 9 (CONT)
DIGITAL FACILITY INTERFACE

SYMBOL NO. 10 (CONT)
DIGITAL FACILITY INTERFACE

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF126	04-139	MCSD204A1	A	(Z)
SDF126	04-139	MCSD204A1B	A	(Y)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF126	04-139	MCSD204A1	A	(Z)
SDF126	04-139	MCSD204A1B	A	(Y)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF126	04-139	MCSD204A1	A	(Z)
SDF126	04-139	MCSD204A1B	A	(Y)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF127	04-149	MCSD204A1	A	(Z)
SDF127	04-149	MCSD204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	0	+5A	006			
	0	CLK4096	010			
	0	CLK1544	011			
	0	CRERR	019			
	0	PCM20N	034			
	0	+5A	106			
	0	L1NCLK0	117			
	0	PCM10N	134			
	0	+5A	205			
	0	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	HBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	DBDIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
+5V04139	GRD	GRD	047			
	GRD	GRD	053			
	0	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48RTNB	PHR	-48RTN	001		1/1	
	PHR	-48RTN	101		1/1	
	PHR	-48RTN	201		1/1	
-48VB	PHR	-48IN	000		1/1	
	PHR	-48IN	100		1/1	
	PHR	-48IN	200		1/1	
GRD04139	GRD	GRD	005			
	GRD	LIRST	018			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	205			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	239			
					TO DIGITAL CARRIER LINE UNIT	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	241		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	242		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	243		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	249		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	250		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	251		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	252			
	GRD	GRD	253			
	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	255		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	256		TO DIGITAL CARRIER LINE UNIT	
PHRONB	OT	PHRON	009		1/8	
STARTB	I	START	109		1/1	
TP06	I	TP	033			
T11R26	I	LIN	032		TO DSX-1 CROSS CONNECT	P/T11R26
T11T26	I	L1P	132		TO DSX-1 CROSS CONNECT	P/T11R26
T10N26	0	LON	024		1/2	
T10P26	0	LOP	124		1/2	
XSYNE26	0	XSYNE	111			
01CP27	I	1CP	154		TO DIGITAL CARRIER LINE UNIT	P/GRD04139
01DP27	0	1DP	156		TO DIGITAL CARRIER LINE UNIT	P/GRD04139
01NIN27	0	1KINTP	152		TO DIGITAL CARRIER LINE UNIT	
010DP27	I	10DP	155		TO DIGITAL CARRIER LINE UNIT	P/GRD04139
01PBIN27	0	1PBIN	141		TO DIGITAL CARRIER LINE UNIT	P/GRD04139
01PBON27	I	1PBON	140		TO DIGITAL CARRIER LINE UNIT	P/GRD04139
01SP27	I	1SP	153		TO DIGITAL CARRIER LINE UNIT	
014MCN27	I	14MCN	143		TO DIGITAL CARRIER LINE UNIT	P/GRD04139

SYMBOL NO. 10
DIGITAL FACILITY INTERFACE

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF127	04-149	MCSD204A1	A	(Z)
SDF127	04-149	MCSD204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	0	+5A	006			
	0	CLK4096	010			
	0	CLK1544	011			
	0	CRERR	019			
	0	PCM20N	034			
	0	+5A	106			
	0	L1NCLK0	117			
	0	PCM10N	134			
	0	+5A	205			
	0	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	ADB7	123			
	I	HBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	DBDIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V04149	0	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48RTNB	PHR	-48RTN	001		1/1	
	PHR	-48RTN	101		1/1	
	PHR	-48RTN	201		1/1	
-48VB	PHR	-48IN	000		1/1	
	PHR	-48IN	100		1/1	
	PHR	-48IN	200		1/1	
GRD04149	GRD	GRD	005			
	GRD	LIRST	018			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	205			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	239			
					TO DIGITAL CARRIER LINE UNIT	

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DIGITAL CARRIER LINE UNIT - SUPPLEMENT	DWG SIZE C2	ISSUE 3B
AT&T	SD-5D203-01	B1CF

PART OF FS 1
DIGITAL FACILITY INTERFACE

SYMBOL NO. 10 (CONT)
DIGITAL FACILITY INTERFACE

SYMBOL NO. 10 (CONT)
DIGITAL FACILITY INTERFACE

SYMBOL NO. 11 (CONT)
DIGITAL FACILITY INTERFACE

SYMBOL NO. 11 (CONT)
DIGITAL FACILITY INTERFACE

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF127	04-149	MCSD204A1	A	(Z)
SDF127	04-149	MCSD204A1B	A	(Y)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF127	04-149	MCSD204A1	A	(Z)
SDF127	04-149	MCSD204A1B	A	(Y)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF128	04-159	MCSD204A1	A	(Z)
SDF128	04-159	MCSD204A1B	A	(Y)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF128	04-159	MCSD204A1	A	(Z)
SDF128	04-159	MCSD204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
				CARRIER LINE UNIT	
	GRD	GRD	243	TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	244		
	GRD	GRD	245		
	GRD	GRD	246		
	GRD	GRD	247		
	GRD	GRD	248	TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	249	TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	250	TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	251		
	GRD	GRD	252		
	GRD	GRD	253		
	GRD	GRD	254	TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	255	TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	256	TO DIGITAL CARRIER LINE UNIT	
PWRONB	OT	PWRON	009	1/8	
STARTB	I	START	109	1/1	
TP07	I	TP	033		
T11R27	I	LIN	032	TO DSX-1 CROSS CONNECT	P/T11T27
T11T27	I	L1P	132	TO DSX-1 CROSS CONNECT	P/T11R27
T10N27	O	LON	024	1/2	
T10P27	O	LOP	124	1/2	
XSYNC27	O	XSYNC	111		
01CP28	I	1CP	154	TO DIGITAL CARRIER LINE UNIT	P/GRD04149
01IDP28	O	1IDP	156	TO DIGITAL CARRIER LINE UNIT	P/GRD04149
01NIN28	O	1KINTP	152	TO DIGITAL CARRIER LINE UNIT	
01ODP28	I	1ODP	155	TO DIGITAL CARRIER LINE UNIT	P/GRD04149
01PBIN28	O	1PBIN	141	TO DIGITAL CARRIER LINE UNIT	P/GRD04149
01PBON28	I	1PBON	140	TO DIGITAL CARRIER LINE UNIT	P/GRD04149
01SP28	I	1SP	153	TO DIGITAL CARRIER LINE UNIT	
014MCN28	I	14MCN	143	TO DIGITAL CARRIER LINE UNIT	P/GRD04149
018KSN28	I	18KSN	142	TO DIGITAL CARRIER LINE UNIT	P/GRD04149
10CP12	I	0CP	148	TO DIGITAL CARRIER LINE UNIT	P/GRD04149

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
19IDP12	O	0IDP	150	TO DIGITAL CARRIER LINE UNIT	P/GRD04149
10NIN12	O	0NINTP	146	TO DIGITAL CARRIER LINE UNIT	
10ODP12	I	0ODP	149	TO DIGITAL CARRIER LINE UNIT	P/GRD04149
10PBIN12	O	0PBIN	137	TO DIGITAL CARRIER LINE UNIT	P/GRD04149
10PBON12	I	0PBON	136	TO DIGITAL CARRIER LINE UNIT	P/GRD04149
10SP12	I	0SP	147	TO DIGITAL CARRIER LINE UNIT	
104MCN12	I	04MCN	139	TO DIGITAL CARRIER LINE UNIT	P/GRD04149
108KSN12	I	08KSN	138	TO DIGITAL CARRIER LINE UNIT	P/GRD04149

SYMBOL NO. 11
DIGITAL FACILITY INTERFACE

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF128	04-159	MCSD204A1	A	(Z)
SDF128	04-159	MCSD204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
NE	O	+5A	006		
	O	CLK4096	010		
	O	CLK1544	011		
	O	CRERR	019		
	O	PCH2ON	034		
	O	+5A	106		
	O	LINCLK0	117		
	O	PCHTON	134		
	O	+5A	205		
	O	+5A	206		
	I	0A8	020		
	I	0A9	021		
	I	0A10	022		
	I	0A11	023		
	I	RESET	119		
	I	ADB4	120		
	I	ADB5	121		
	I	ADB6	122		
	I	ADB7	123		
	I	NBTSEN	210		
	I	ENALE	212		
	I	ALE	213		
	I	1CE1	214		
	I	AOB0	220		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	I	ADB1	221		
	I	ADB2	222		
	I	ADB3	223		
	I	ERD	233		
	I	OBDIR	234		
	I	BUSEN	235		
	I	2CE2	236		
	I	2CE1	237		
	I	1CE2	238		
	GRD	GRD	047		
	GRD	GRD	053		
+5V04159	O	+5A	207		
	I	VDDZ	007		
	I	VDD1	107		
-48RTNB	I	PHR -48RTN	001	1/1	
	PHR	-48RTN	101	1/1	
	PHR	-48RTN	201	1/1	
-48VB	PHR	-48IN	000	1/1	
	PHR	-48IN	100	1/1	
	PHR	-48IN	200	1/1	
GRD04159	GRD	GRD	003		
	GRD	LIRST	018		
	GRD	GRD	035		
	GRD	GRD	044		
	GRD	GRD	046		
	GRD	GRD	051		
	GRD	GRD	052		
	GRD	GRD	103		
	GRD	GRD	118		
	GRD	GRD	135		
	GRD	GRD	144		
	GRD	GRD	151		
	GRD	GRD	203		
	GRD	GRD	215		
	GRD	GRD	218		
	GRD	GRD	239		
				TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	240		
				TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	241		
				TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	242		
				TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	243		
				TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	244		
	GRD	GRD	245		
	GRD	GRD	246		
	GRD	GRD	247		
	GRD	GRD	248		
				TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	249		
				TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	250		
	GRD	GRD	251		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	252		
	GRD	GRD	253		
	GRD	GRD	254		
				TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	255		
				TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	256		
				TO DIGITAL CARRIER LINE UNIT	
PWRONB	OT	PWRON	009	1/8	
STARTB	I	START	109	1/1	
TP08	I	TP	033		
T11R28	I	LIN	032	TO DSX-1 CROSS CONNECT	P/T11T28
T11T28	I	L1P	132	TO DSX-1 CROSS CONNECT	P/T11R28
T10N28	O	LON	024	1/2	
T10P28	O	LOP	124	1/2	
XSYNC28	O	XSYNC	111		
01CP29	I	1CP	154	TO DIGITAL CARRIER LINE UNIT	P/GRD04159
01IDP29	O	1IDP	156	TO DIGITAL CARRIER LINE UNIT	P/GRD04159
01NIN29	O	1KINTP	152	TO DIGITAL CARRIER LINE UNIT	
01ODP29	I	1ODP	155	TO DIGITAL CARRIER LINE UNIT	P/GRD04159
01PBIN29	O	1PBIN	141	TO DIGITAL CARRIER LINE UNIT	P/GRD04159
01PBON29	I	1PBON	140	TO DIGITAL CARRIER LINE UNIT	P/GRD04159
01SP29	I	1SP	153	TO DIGITAL CARRIER LINE UNIT	
014MCN29	I	14MCN	143	TO DIGITAL CARRIER LINE UNIT	P/GRD04159
018KSN29	I	18KSN	142	TO DIGITAL CARRIER LINE UNIT	P/GRD04159
10CP13	I	0CP	148	TO DIGITAL CARRIER LINE UNIT	P/GRD04159
10IDP13	O	0IDP	150	TO DIGITAL CARRIER LINE UNIT	P/GRD04159
10NIN13	O	0NINTP	146	TO DIGITAL CARRIER LINE UNIT	

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DIGITAL CARRIER LINE UNIT - SUPPLEMENT	DWG SIZE C2	ISSUE 3B
AT&T	SD-5D203-01	B1CG

PART OF FS 1
DIGITAL FACILITY INTERFACE

SYMBOL NO. 11 (CONT)
DIGITAL FACILITY INTERFACE

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF128	04-159	MC5D204A1	A	(Z)
SDF128	04-159	MC5D204A1B	A	(Y)

SYMBOL NO. 12 (CONT)
DIGITAL FACILITY INTERFACE

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF129	04-169	MC5D204A1	A	(Z)
SDF129	04-169	MC5D204A1B	A	(Y)

SYMBOL NO. 12 (CONT)
DIGITAL FACILITY INTERFACE

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF129	04-169	MC5D204A1	A	(Z)
SDF129	04-169	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
100DP13	I	00DP	149		TO DIGITAL CARRIER LINE UNIT	P/GRD04159
10PB1N13	O	0PBIN	137		TO DIGITAL CARRIER LINE UNIT	P/GRD04159
10PBON13	I	0PBON	136		TO DIGITAL CARRIER LINE UNIT	P/GRD04159
10SP13	I	0SP	147		TO DIGITAL CARRIER LINE UNIT	P/GRD04159
104MCN13	I	04MCN	139		TO DIGITAL CARRIER LINE UNIT	P/GRD04159
108KSN13	I	08KSN	138		TO DIGITAL CARRIER LINE UNIT	P/GRD04159

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	ZEEZ	236			
	I	ZCE1	237			
	I	ZCE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V04169	D	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48RTNB	PHR	-48RTN	001		1/1 TO CONN CKT	
	PHR	-48RTN	101		1/1	
	PHR	-48RTN	201		1/1	
-48VB	PHR	-48IN	000		1/1 TO CONN CKT	
	PHR	-48IN	100		1/1	
	PHR	-48IN	200		1/1	
FRGRD	GRD	GRD	003		1/1 TO CONN CKT	
GRD04169	GRD	LIRST	018			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	047			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	239		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	241		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	242		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	243		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	249		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	250		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	255		TO DIGITAL CARRIER LINE UNIT	
	GRD	GRD	256		TO DIGITAL CARRIER LINE UNIT	
PHRONB	OT	PHRON	009		1/1	
STARTB	I	START	109		1/1	
TP09	I	TP	033			
T11R29	I	LIN	032		TO DSX-1 CROSS CONNECT	P/T11R29
T11T29	I	L1P	132		TO DSX-1 CROSS CONNECT	P/T11R29
T10M29	O	LOM	024		1/2	
T10P29	O	LOP	124		1/2	
XSYNCE29	O	XSYNCE	111			
D1CP30	I	1CP	154		TO DIGITAL CARRIER LINE UNIT	P/GRD04169
011DP30	O	11DP	156		TO DIGITAL CARRIER LINE UNIT	P/GRD04169
01NIN30	O	1KINTP	152		TO DIGITAL CARRIER LINE UNIT	
010DP30	I	10DP	155		TO DIGITAL CARRIER LINE UNIT	P/GRD04169
01PBIN30	O	1PBIN	141		TO DIGITAL CARRIER LINE UNIT	P/GRD04169
01PBON30	I	1PBON	140		TO DIGITAL CARRIER LINE UNIT	P/GRD04169
01SP30	I	1SP	153		TO DIGITAL CARRIER LINE UNIT	
014MCN30	I	14MCN	143		TO DIGITAL CARRIER LINE UNIT	P/GRD04169
018KSN30	I	18KSN	142		TO DIGITAL CARRIER LINE UNIT	P/GRD04169
10CP14	I	0CP	148		TO DIGITAL CARRIER LINE UNIT	P/GRD04169
10IDP14	O	0IDP	150		TO DIGITAL CARRIER LINE UNIT	P/GRD04169
10NIN14	O	0NINTP	146		TO DIGITAL CARRIER LINE UNIT	
100DP14	I	00DP	149		TO DIGITAL CARRIER LINE UNIT	P/GRD04169
10PBIN14	O	0PBIN	137		TO DIGITAL CARRIER LINE UNIT	P/GRD04169
10PBON14	I	0PBON	136		TO DIGITAL CARRIER LINE UNIT	P/GRD04169
10SP14	I	0SP	147		TO DIGITAL CARRIER LINE UNIT	
104MCN14	I	04MCN	139		TO DIGITAL CARRIER LINE UNIT	P/GRD04169
108KSN14	I	08KSN	138		TO DIGITAL CARRIER LINE UNIT	P/GRD04169

SYMBOL NO. 12
DIGITAL FACILITY INTERFACE

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SDF129	04-169	MC5D204A1	A	(Z)
SDF129	04-169	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM20N	034			
	O	+5A	106			
	O	LINCLK0	117			
	O	PCM10N	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBSSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	ICE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	DBDIR	234			
	I	BUSEN	235			

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DIGITAL CARRIER LINE UNIT - SUPPLEMENT	DWG SIZE C2	ISSUE 3B
AT&T	SD-5D203-01	B1CH

0 1 2 3 4 5 6 7 8 9

A
B
C
D
E
F
G
H

APP FIG. 1
WIRING AS PER FS 1

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DIGITAL CARRIER LINE UNIT-SUPPLEMENT		
DWG SIZE	ISSUE	
85	2M	
AT&T	SD-5D203-01	CI

0 1 2 3 4 5 6 7 8 9

	0	1	2	3	4	5	6	7	8	9		
A	APP FIG. 2			APP FIG. 3			APP FIG. 4			APP FIG. 5		
B												
C	APP FIG. 6			APP FIG. 7			APP FIG. 8					
D												
E	APP FIG. 9			APP FIG. 10			APP FIG. 11					
F												
G												
H												
	0	1	2	3	4	5	6	7	8	9		

CIRCUIT PACK
 EOPT LOC 04-010
 DESIG PWRSTRT
 CODE SN346
 OPTION
 ELEM IDENT
 CKT

DESIG	FS/SYM	CKT
A	1/1	A

CIRCUIT PACK
 EOPT LOC 04-018
 DESIG TICEOU
 CODE SN215
 OPTION
 ELEM IDENT
 CKT

DESIG	FS/SYM	CKT
A	1/2	A

CIRCUIT PACK
 EOPT LOC 04-018
 DESIG TICEOU
 CODE SN216
 OPTION
 ELEM IDENT
 CKT

DESIG	FS/SYM	CKT
A	1/2	A

CIRCUIT PACK
 EOPT LOC 04-018
 DESIG TICEOU
 CODE SN217
 OPTION
 ELEM IDENT
 CKT

DESIG	FS/SYM	CKT
A	1/2	A

CIRCUIT PACK
 EOPT LOC 04-018
 DESIG TICEOU
 CODE SN218
 OPTION
 ELEM IDENT
 CKT

DESIG	FS/SYM	CKT
A	1/2	A

CIRCUIT PACK
 EOPT LOC 04-018
 DESIG TICEOU
 CODE SN219
 OPTION
 ELEM IDENT
 CKT

DESIG	FS/SYM	CKT
A	1/2	A

CIRCUIT PACK
 EOPT LOC 04-027
 DESIG SDF110
 CODE MCS0204A1B
 OPTION Y
 ELEM IDENT
 CKT

DESIG	FS/SYM	DESIG	FS/SYM	CKT
A	1/3	Z	1/3	A

CIRCUIT PACK
 EOPT LOC 04-037
 DESIG SDF111
 CODE MCS0204A1B
 OPTION Y
 ELEM IDENT
 CKT

DESIG	FS/SYM	DESIG	FS/SYM	CKT
A	1/4	Z	1/4	A

CIRCUIT PACK
 EOPT LOC 04-047
 DESIG SDF112
 CODE MCS0204A1B
 OPTION Y
 ELEM IDENT
 CKT

DESIG	FS/SYM	DESIG	FS/SYM	CKT
A	1/5	Z	1/5	A

CIRCUIT PACK
 EOPT LOC 04-057
 DESIG SDF113
 CODE MCS0204A1B
 OPTION Y
 ELEM IDENT
 CKT

DESIG	FS/SYM	DESIG	FS/SYM	CKT
A	1/6	Z	1/6	A

0 1 2 3 4 5 6 7 8 9

A
B
C
D
E
F
G
H

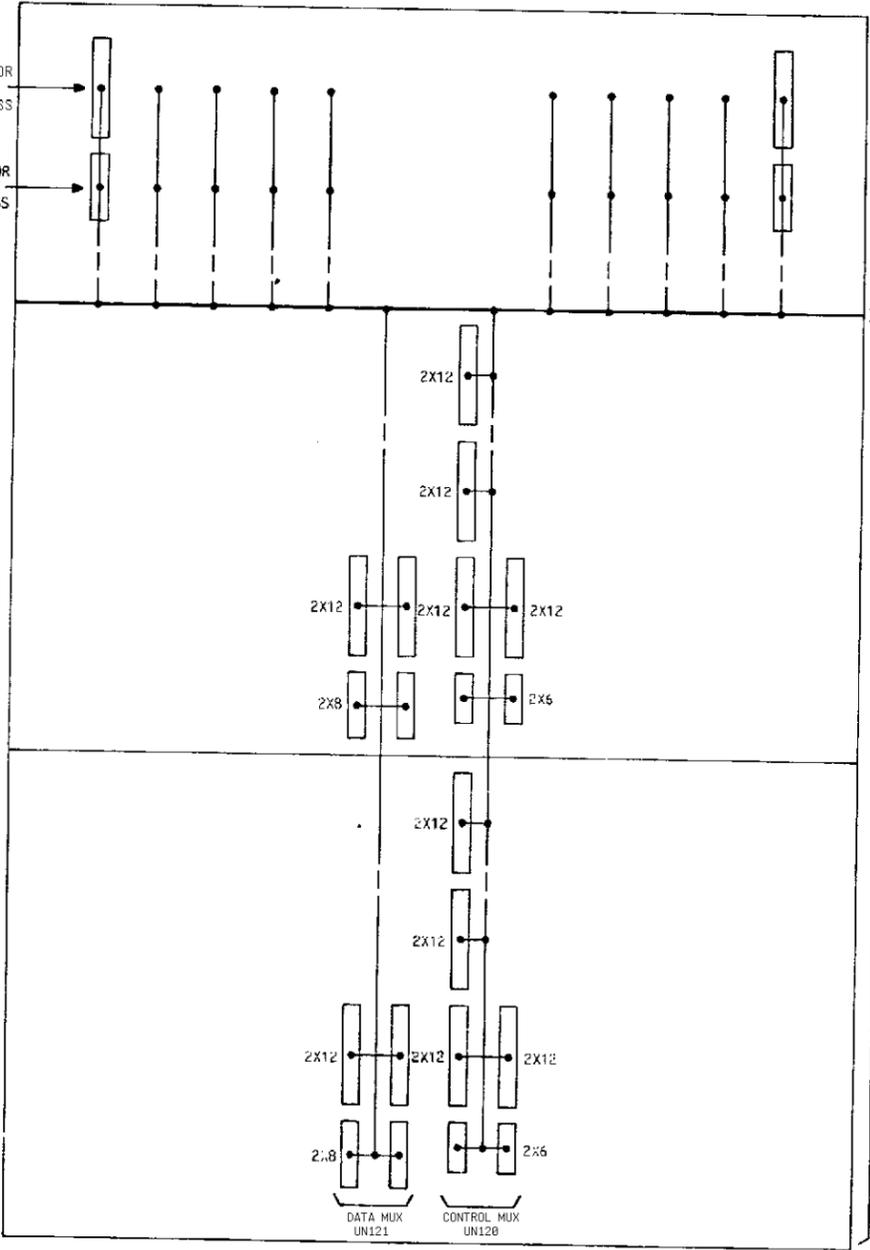
CIRCUIT NOTES:

DESIG	FUSE AMP	POTENTIAL	ONE PER
	2A 2A	-48VA -48VB	DCLU-SUPL DCLU-SUPL
BATTERY SYMBOL		VOLTAGE RANGE	

EQUIPMENT NOTES:

201. THE CONNECTIONS FROM THE DIGITAL CARRIER LINE UNIT SUPPLEMENT TO THE DIGITAL CARRIER LINE UNIT, GIVEN IN CADS 002 AND 003, SHALL BE A PRE-FORMED CONNECTORIZED CABLE.

2 x 12 PADDLE BOARD CONNECTOR AT EACH SDFI POSITION ACROSS
2 x 6 CONNECTOR AT EACH SDFI POSITION ACROSS



DCLU-SUPL
J5003AS
(CAD FIGS ON
SD-50203-01)

DCLU
J5003AR
(CAD FIGS ON
SD-50202-01)

CABLE TIE BAR

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DIGITAL CARRIER LINE UNIT-SUPPLEMENT		DWG SIZE 6S	ISSUE 2M
AT&T	SD-50203-01	SHEET D1	

0 1 2 3 4 5 6 7 8 9

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.

FEATURE OR OPTION	PROVIDE			
	APP FIG	APP OR WRG	QUANTITY	
PRINTED BACKPLANE AND SURFACE WIRING	1		ONE PER DCLU-SUPL	
POWER START	2		ONE PER DCLU-SUPL	
T1/T1C EQUALIZER	ABAM OR 600 TYPE CABLE	0-133	3	ONE EQUALIZER PER DCLU-SUPL
		134-267	4	
	CODE 1249 CABLE	91-180	4	
		181-270	5	
	CABLE LENGTH (FEET)	268-400	5	
		401-593	6	
		594-695	7	
DIGITAL FACILITY INTERFACE FOR SLC 96 (SEE NOTE 308)	8		UP TO A MAXIMUM OF 10 PER DCLU-SUPL	

303. RECORD OF APP FIGURES, WIRING, AND APPARATUS CHANGES

CHANGES ON ISSUE	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT	
				AVAIL	DA
3B		Z	307		
3B		Y	307	✓	

INFORMATION NOTES (CONT):

304.

CIRCUIT PACK CODE OR MICROCODE	COMMON LANGUAGE EQUIPMENT IDENTIFICATION CODE (CLEI)
MC5D204A1 (ANN4)	E50T8BCDXX
MC5D204A1B (ANN4B)	E50T8BCDAA
SM346	E5PQ0BEAXX
SM215	E50T300CXX
SM216	E50T400CXX
SM217	E50T500CXX
SM218	E50T600CXX
SM219	E50T700CXX

305. ATT CODE 1249 CABLE IS A NEW COST REDUCED, SIZE REDUCED CABLE ALTERNATIVE TO THE ABAM OR 600 TYPE USED FOR T1 OFFICE CABLING. THE 1249 IS RECOMMENDED FOR USE EXCEPT IN PBX APPLICATIONS OR WHEN THE LENGTH EXCEEDS 450 FT. IN WHICH CASE THE ABAM OR 600 TYPE MUST BE USED.

306. THE INCOMING TIP AND RING LEADS (T1T1T10-14 AND T1R1R10-14) (T1T1T15-24 AND T1R1R15-24) CONNECTING THE SOF; CIRCUIT PACKS TO THE JACK/TF ARE USED FOR DSX-1 CABLE TERMINATION ONLY AND ARE NOT USED BY THE PWRSTRY CIRCUIT.

307. THE CIRCUITRY OF THE ANN4B IS IDENTICAL TO THE ANN4 EXCEPT FOR THE POWER MODULE WHICH GIVES THE ANN4B A WIDER OPERATIONAL VOLTAGE RANGE OF -39.5 VOLTS TO -60 VOLTS.

308.

MICROCODE PER CIRCUIT PACK	OPTION
MC5D204A1 (ANN4)	Z
MC5D204A1B (ANN4B)	Y

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DIGITAL CARRIER LINE UNIT-SUPPLEMENT		DWG SIZE IS	ISSUE 3B
AT&T	3B-5.D2 C3-01	SHEET 02	

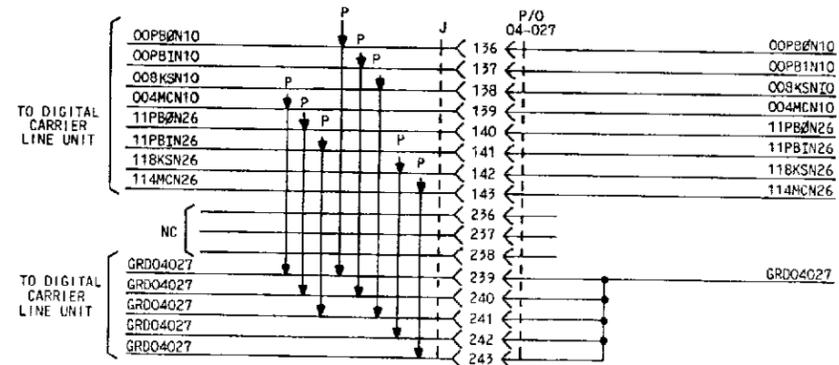
NOTES:

1. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT OF THE TABULAR PRESENTATION (SEE NOTE 5)

CAD 002

DATA BUS

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J									
TO DIGITAL CARRIER LINE UNIT	00PB0N10		P00AA	136	00PB0N10	JACK/CP			
	00PB1N10		P01AB	137	00PB1N10				
	00BKS1N10		P02AC	138	00BKS1N10				
	004MC1N10		P03AA	139	004MC1N10				
	11PB0N26		P04AB	140	11PB0N26				
	11PB1N26		P05AC	141	11PB1N26				
	118KSN26		P061	142	118KSN26				
	114MCN26		P002	143	114MCN26				
	NC			236					
	NC			237					
	NC			238					
	NC			239					
TO DIGITAL CARRIER LINE UNIT	GRD04027		PAA	240	GRD04027				
	GRD04027		PAB	241	GRD04027				
	GRD04027		PAC	242	GRD04027				
	GRD04027		P001	243	GRD04027				
	GRD04027		P002	243	GRD04027				

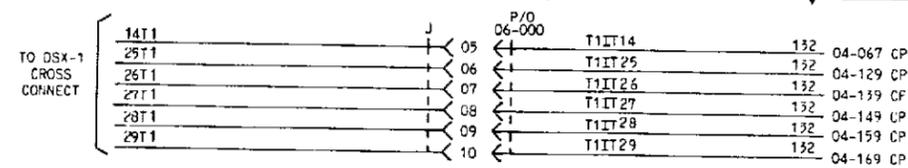


2. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT OF THE TABULAR PRESENTATION.

CAD 004

P/O T1 INTERFACE

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J									
P/O 06-000 CONNECTOR									
TO DSX-1 CROSS CONNECT	14T1		P014	05	T1IT14	04-067	CP	132	
	25T1		P015	06	T1IT25	04-129	CP	132	
	26T1		P016	07	T1IT26	04-139	CP	132	
	27T1		P017	08	T1IT27	04-149	CP	132	
	28T1		P018	09	T1IT28	04-159	CP	132	
	29T1		P019	10	T1IT29	04-169	CP	132	



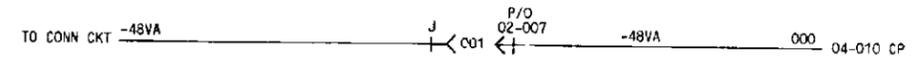
NOTES: (CONT)

3. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT OF THE TABULAR PRESENTATION.

CAD 005

POWER AND GROUND ACCESS

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J									
TO CONN CKT	-48VA			001	-48VA	04-010	CP	000	

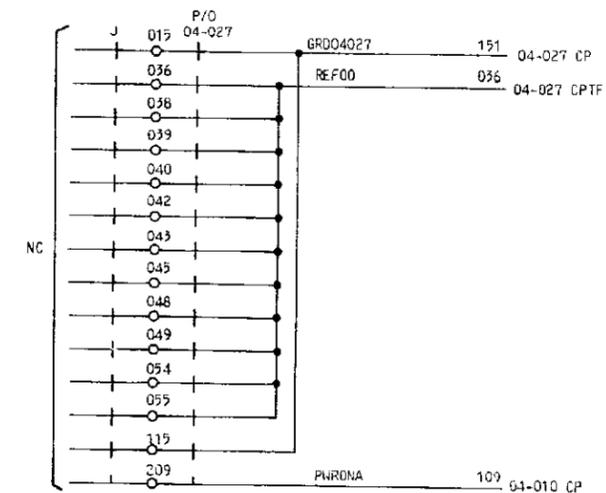


4. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT OF THE TABULAR PRESENTATION.

CAD 006

SPARE PW AND WIRING

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J									
P/O 04-027 CPTF									
NC				015	GRD04027	04-027	CP	151	
NC				036	REF00	04-027	CPTF	036	
NC				038	REF00	04-027	CPTF	036	
NC				039	REF00	04-027	CPTF	036	
NC				040	REF00	04-027	CPTF	036	
NC				042	REF00	04-027	CPTF	036	
NC				043	REF00	04-027	CPTF	036	
NC				045	REF00	04-027	CPTF	036	
NC				048	REF00	04-027	CPTF	036	
NC				049	REF00	04-027	CPTF	036	
NC				054	REF00	04-027	CPTF	036	
NC				055	REF00	04-027	CPTF	036	
NC				115	GRD04027	04-027	CP	151	
NC				209	PWR0NA	04-010	CP	109	



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DIGITAL CARRIER LINE UNIT-SUPPLEMENT		DWG SIZE	ISSUE
		65	2M
AT&T	SD-5D203-01	SHEET GBIA	

NOTES: (CONT)

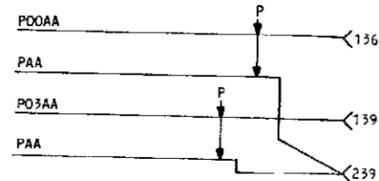
5. CAD 002 HAS OCCURRENCES OF SIGNAL LEADS THAT ARE FROM TWO SEPARATE PAIRS, THAT SHARE THE SAME GROUND PIN ON THE BACKPLANE "PADDLE BOARD" CONNECTOR. THIS IS REPRESENTED IN THE WIRE SYMBOL WITH LETTER SUFFIXES ON THE PAIRING NUMBERS. THE GROUND PINS THAT ARE PAIRED WITH MORE THAN ONE SIGNAL LEAD HAVE A LETTER SUFFIX ASSIGNED. THE SAME LETTER SUFFIX IS THEN ALSO ASSIGNED TO THE SIGNAL LEADS THAT ARE CONNECTED TO THE GROUND PINS (SEE NOTE 1).

CAD 002

DATA BUS

TO CONNECTION				FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
.....J				O4-027				JACK/CP		
TO DIGITAL CARRIER LINE UNIT	OOPB0N10		POAAA	136	OOPB0N10					
	OOPBIN10		PO1AB	137	OOPBIN10					
	O08KSN10		PO2AC	138	O08KSN10					
	O04MCN10		PO3AA	139	O04MCN10					
	11PB0N26		PO4AB	140	11PB0N26					
	11PBIN26		PO5AC	141	11PBIN26					
	116KSN26		PO01	142	116KSN26					
	114MCN26		PO02	143	114MCN26					
	NC			236						
	NC			237						
TO DIGITAL CARRIER LINE UNIT	GRD04027		PAA	239	GRD04027					
	GRD04027		PAB	240	GRD04027					
	GRD04027		PAC	241	GRD04027					
	GRD04027		PO01	242	GRD04027					
	GRD04027		PO02	243	GRD04027					

ONE EXAMPLE IN THE ABOVE CAD IS AS FOLLOWS:



PIN 239 IS GROUND FOR TWO SEPARATE PAIRS WHICH HAVE SIGNAL LEADS ON PINS 136 AND 139. (SIGNAL LEADS ON PINS 136 AND 139 ARE NOT PAIRED WITH EACH OTHER)

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DIGITAL CARRIER LINE UNIT-SUPPLEMENT		
DWG SIZE	ISSUE	
65	2M	
AT&T	SD-50203-01	GBIB

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER

DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
-48RTNA	G	02-015-001	04-010-001	1/1	
-48RTNB	P	02-179-004	04-169-001	1/12	
-48VA	P	02-007-001	04-010-000	1/1	
-48VB	P	02-179-000	04-169-000	1/12	
FRGRD	G	02-179-008	04-169-003	1/12	
GRD04027	G	04-027-243	04-027-135	1/3	P/114MCN26
GRD04027	G	04-027-242	04-027-135	1/3	P/118KSN26
GRD04027	G	04-027-241	04-027-135	1/3	P/11PBIN26
GRD04027	G	04-027-240	04-027-135	1/3	P/11PBON26
GRD04027	G	04-027-239	04-027-135	1/3	P/004MCN10
GRD04027	G	04-027-256	04-027-135	1/3	P/111DP26
GRD04027	G	04-027-255	04-027-135	1/3	P/110DP26
GRD04027	G	04-027-254	04-027-135	1/3	P/111CP26
GRD04027	G	04-027-250	04-027-135	1/3	P/001DP10
GRD04027	G	04-027-249	04-027-135	1/3	P/000DP10
GRD04027	G	04-027-248	04-027-135	1/3	P/00CP10
GRD04027	G	02-000-18	04-027-135	1/3	
GRD04027	G	06-000-18	04-027-135	1/3	
GRD04037	G	04-037-243	04-037-239	1/4	P/114MCN27
GRD04037	G	04-037-242	04-037-239	1/4	P/118KSN27
GRD04037	G	04-037-241	04-037-239	1/4	P/11PBIN27
GRD04037	G	04-037-240	04-037-239	1/4	P/11PBON27
GRD04037	G	04-037-239	04-037-239	1/4	P/004MCN11
GRD04037	G	04-037-256	04-037-239	1/4	P/111DP27
GRD04037	G	04-037-255	04-037-239	1/4	P/110DP27
GRD04037	G	04-037-254	04-037-239	1/4	P/111CP27
GRD04037	G	04-037-250	04-037-239	1/4	P/001DP11
GRD04037	G	04-037-249	04-037-239	1/4	P/000DP11
GRD04037	G	04-037-248	04-037-239	1/4	P/00CP11
GRD04047	G	04-047-243	04-047-239	1/5	P/114MCN28
GRD04047	G	04-047-242	04-047-239	1/5	P/118KSN28
GRD04047	G	04-047-241	04-047-239	1/5	P/11PBIN28
GRD04047	G	04-047-240	04-047-239	1/5	P/11PBON28
GRD04047	G	04-047-239	04-047-239	1/5	P/004MCN12
GRD04047	G	04-047-256	04-047-239	1/5	P/111DP28
GRD04047	G	04-047-255	04-047-239	1/5	P/110DP28
GRD04047	G	04-047-254	04-047-239	1/5	P/111CP28
GRD04047	G	04-047-250	04-047-239	1/5	P/001DP12
GRD04047	G	04-047-249	04-047-239	1/5	P/000DP12
GRD04047	G	04-047-248	04-047-239	1/5	P/00CP12
GRD04057	G	04-057-243	04-057-239	1/6	P/111DP29
GRD04057	G	04-057-255	04-057-239	1/6	P/110CP29
GRD04057	G	04-057-254	04-057-239	1/6	P/111CP29
GRD04057	G	04-057-250	04-057-239	1/6	P/001DP13
GRD04057	G	04-057-249	04-057-239	1/6	P/000DP13
GRD04057	G	04-057-248	04-057-239	1/6	P/00CP13
GRD04057	G	04-057-243	04-057-239	1/6	P/114MCN29
GRD04057	G	04-057-242	04-057-239	1/6	P/118KSN29
GRD04057	G	04-057-241	04-057-239	1/6	P/11PBIN29
GRD04057	G	04-057-240	04-057-239	1/6	P/11PBON29
GRD04057	G	04-057-239	04-057-239	1/6	P/004MCN13
GRD04067	G	04-067-256	04-067-239	1/7	P/111DP30
GRD04067	G	04-067-255	04-067-239	1/7	P/110DP30
GRD04067	G	04-067-254	04-067-239	1/7	P/111CP30
GRD04067	G	04-067-250	04-067-239	1/7	P/001DP14
GRD04067	G	04-067-249	04-067-239	1/7	P/000DP14
GRD04067	G	04-067-248	04-067-239	1/7	P/00CP14
GRD04067	G	04-067-243	04-067-239	1/7	P/114MCN30
GRD04067	G	04-067-242	04-067-239	1/7	P/118KSN30
GRD04067	G	04-067-241	04-067-239	1/7	P/11PBIN30
GRD04067	G	04-067-240	04-067-239	1/7	P/11PBON30
GRD04067	G	04-067-239	04-067-239	1/7	P/004MCN14
GRD04129	G	04-129-255	04-129-254	1/8	P/010DP26
GRD04129	G	04-129-254	04-129-254	1/8	P/01CP26

ELEMENT IDENTIFIER (CONT)

DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD04129	G	04-129-250	04-129-254	1/8	P/101DP10
GRD04129	G	04-129-249	04-129-254	1/8	P/100DP10
GRD04129	G	04-129-248	04-129-254	1/8	P/10CP10
GRD04129	G	04-129-243	04-129-254	1/8	P/014MCN26
GRD04129	G	04-129-242	04-129-254	1/8	P/018KSN26
GRD04129	G	04-129-241	04-129-254	1/8	P/01PBIN26
GRD04129	G	04-129-240	04-129-254	1/8	P/01PBON26
GRD04129	G	04-129-239	04-129-254	1/8	P/104MCN10
GRD04139	G	04-139-239	04-139-254	1/9	P/104MCN11
GRD04139	G	04-139-243	04-139-254	1/9	P/014MCN27
GRD04139	G	04-139-242	04-139-254	1/9	P/018KSN27
GRD04139	G	04-139-241	04-139-254	1/9	P/01PBIN27
GRD04139	G	04-139-240	04-139-254	1/9	P/01PBON27
GRD04139	G	04-139-256	04-139-254	1/9	P/010DP27
GRD04139	G	04-139-255	04-139-254	1/9	P/010DP27
GRD04139	G	04-139-254	04-139-254	1/9	P/01CP27
GRD04139	G	04-139-250	04-139-254	1/9	P/101DP11
GRD04139	G	04-139-249	04-139-254	1/9	P/100DP11
GRD04139	G	04-139-248	04-139-254	1/9	P/10CP11
GRD04149	G	04-149-256	04-149-239	1/10	P/010DP28
GRD04149	G	04-149-255	04-149-239	1/10	P/010DP28
GRD04149	G	04-149-254	04-149-239	1/10	P/01CP28
GRD04149	G	04-149-250	04-149-239	1/10	P/101DP12
GRD04149	G	04-149-249	04-149-239	1/10	P/100DP12
GRD04149	G	04-149-248	04-149-239	1/10	P/10CP12
GRD04149	G	04-149-243	04-149-239	1/10	P/014MCN28
GRD04149	G	04-149-242	04-149-239	1/10	P/018KSN28
GRD04149	G	04-149-241	04-149-239	1/10	P/01PBIN28
GRD04149	G	04-149-240	04-149-239	1/10	P/01PBON28
GRD04149	G	04-149-239	04-149-239	1/10	P/104MCN12
GRD04159	G	04-159-242	04-159-254	1/11	P/018KSN29
GRD04159	G	04-159-241	04-159-254	1/11	P/01PBIN29
GRD04159	G	04-159-240	04-159-254	1/11	P/01PBON29
GRD04159	G	04-159-239	04-159-254	1/11	P/104MCN13
GRD04159	G	04-159-256	04-159-254	1/11	P/010DP29
GRD04159	G	04-159-255	04-159-254	1/11	P/010CP29
GRD04159	G	04-159-254	04-159-254	1/11	P/01CP29
GRD04159	G	04-159-250	04-159-254	1/11	P/101DP13
GRD04159	G	04-159-249	04-159-254	1/11	P/100DP13
GRD04159	G	04-159-248	04-159-254	1/11	P/10CP13
GRD04169	G	04-169-256	04-169-255	1/12	P/010DP30
GRD04169	G	04-169-255	04-169-255	1/12	P/010DP30
GRD04169	G	04-169-254	04-169-255	1/12	P/01CP30
GRD04169	G	04-169-250	04-169-255	1/12	P/101DP14
GRD04169	G	04-169-249	04-169-255	1/12	P/100DP14
GRD04169	G	04-169-248	04-169-255	1/12	P/10CP14
GRD04169	G	04-169-243	04-169-255	1/12	P/014MCN30
GRD04169	G	04-169-242	04-169-255	1/12	P/018KSN30
GRD04169	G	04-169-241	04-169-255	1/12	P/01PBIN30
GRD04169	G	04-169-240	04-169-255	1/12	P/01PBON30
GRD04169	G	04-169-239	04-169-255	1/12	P/104MCN14
T11R10	I	06-000-19	04-027-032	1/3	P/T11T10
T11R11	I	06-000-20	04-037-032	1/4	P/T11T11
T11R12	I	06-000-21	04-047-032	1/5	P/T11T12
T11R13	I	06-000-22	04-057-032	1/6	P/T11T13
T11R14	I	06-000-23	04-067-032	1/7	P/T11T14
T11R25	I	06-000-24	04-129-032	1/8	P/T11T25
T11R26	I	06-000-25	04-139-032	1/9	P/T11T26
T11R27	I	06-000-26	04-149-032	1/10	P/T11T27
T11R28	I	06-000-27	04-159-032	1/11	P/T11T28
T11R29	I	06-000-28	04-169-032	1/12	P/T11T29
T11T10	I	06-000-1	04-027-132	1/3	P/T11R10
T11T11	I	06-000-2	04-037-132	1/4	P/T11R11

ELEMENT IDENTIFIER (CONT)

DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
T11T12	I	06-000-3	04-047-132	1/5	P/T11R12
T11T13	I	06-000-4	04-057-132	1/6	P/T11R13
T11T14	I	06-000-5	04-067-132	1/7	P/T11R14
T11T25	I	06-000-6	04-129-132	1/8	P/T11R25
T11T26	I	06-000-7	04-139-132	1/9	P/T11R26
T11T27	I	06-000-8	04-149-132	1/10	P/T11R27
T11T28	I	06-000-9	04-159-132	1/11	P/T11R28
T11T29	I	06-000-10	04-169-132	1/12	P/T11R29
T10R10A	O	02-000-19	04-018-015	1/2	P/T10T10A
T10R11A	O	02-000-20	04-018-017	1/2	P/T10T11A
T10R12A	O	02-000-21	04-018-021	1/2	P/T10T12A
T10R13A	O	02-000-22	04-018-023	1/2	P/T10T13A
T10R14A	O	02-000-23	04-018-034	1/2	P/T10T14A
T10R25A	O	02-000-24	04-018-036	1/2	P/T10T25A
T10R26A	O	02-000-25	04-018-040	1/2	P/T10T26A
T10R27A	O	02-000-26	04-018-042	1/2	P/T10T27A
T10R28A	O	02-000-27	04-018-047	1/2	P/T10T28A
T10R29A	O	02-000-28	04-018-049	1/2	P/T10T29A
T10T10A	O	02-000-1	04-018-016	1/2	P/T10R10A
T10T11A	O	02-000-2	04-018-018	1/2	P/T10R11A
T10T12A	O	02-000-3	04-018-022	1/2	P/T10R12A
T10T13A	O	02-000-4	04-018-024	1/2	P/T10R13A
T10T14A	O	02-000-5	04-018-035	1/2	P/T10R14A
T10T25A	O	02-000-6	04-018-037	1/2	P/T10R25A
T10T26A	O	02-000-7	04-018-041	1/2	P/T10R26A
T10T27A	O	02-000-8	04-018-043	1/2	P/T10R27A
T10T28A	O	02-000-9	04-018-048	1/2	P/T10R28A
T10T29A	O	02-000-10	04-018-050	1/2	P/T10R29A
00CP10	I	04-027-148	04-027-148	1/3	P/GRD04027
00CP11	I	04-037-148	04-037-148	1/4	P/GRD04037
00CP12	I	04-047-148	04-047-148	1/5	P/GRD04047
00CP13	I	04-057-148	04-057-148	1/6	P/GRD04057
00CP14	I	04-067-148	04-067-148	1/7	P/GRD04067
00DP10	O	04-027-150	04-027-150	1/3	P/GRD04027
00DP11	O	04-037-150	04-037-150	1/4	P/GRD04037
00DP12	O	04-047-150	04-047-150	1/5	P/GRD04047
00DP13	O	04-057-150	04-057-150	1/6	P/GRD04057
00DP14	O	04-067-150	04-067-150	1/7	P/GRD04067
00N1N10	O	04-027-146	04		

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER (CONT)

A
DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
10CP13	I	04-159-148	04-159-148	1/11	P/GRD04159
10CP14	I	04-169-148	04-169-148	1/12	P/GRD04169
10DP10	D	04-129-150	04-129-150	1/8	P/GRD04129
10DP11	D	04-139-150	04-139-150	1/9	P/GRD04139
10DP12	D	04-149-150	04-149-150	1/10	P/GRD04149
10DP13	D	04-159-150	04-159-150	1/11	P/GRD04159
10DP14	D	04-169-150	04-169-150	1/12	P/GRD04169
10N1H10	O	04-129-146	04-129-146	1/8	
10N1N11	O	04-139-146	04-139-146	1/9	
10N1N12	O	04-149-146	04-149-146	1/10	
10N1N13	O	04-159-146	04-159-146	1/11	
10N1N14	O	04-169-146	04-169-146	1/12	
10OP10	I	04-129-149	04-129-149	1/8	P/GRD04129
10OP11	I	04-139-149	04-139-149	1/9	P/GRD04139
10OP12	I	04-149-149	04-149-149	1/10	P/GRD04149
10OP13	I	04-159-149	04-159-149	1/11	P/GRD04159
10OP14	I	04-169-149	04-169-149	1/12	P/GRD04169
10PBIN10	O	04-129-137	04-129-137	1/8	P/GRD04129
10PBIN11	O	04-139-137	04-139-137	1/9	P/GRD04139
10PBIN12	O	04-149-137	04-149-137	1/10	P/GRD04149
10PBIN13	O	04-159-137	04-159-137	1/11	P/GRD04159
10PBIN14	O	04-169-137	04-169-137	1/12	P/GRD04169
10PBON10	I	04-129-136	04-129-136	1/8	P/GRD04129
10PBON11	I	04-139-136	04-139-136	1/9	P/GRD04139
10PBON12	I	04-149-136	04-149-136	1/10	P/GRD04149
10PBON13	I	04-159-136	04-159-136	1/11	P/GRD04159
10PBON14	I	04-169-136	04-169-136	1/12	P/GRD04169
10SP10	I	04-129-147	04-129-147	1/8	
10SP11	I	04-139-147	04-139-147	1/9	
10SP12	I	04-149-147	04-149-147	1/10	
10SP13	I	04-159-147	04-159-147	1/11	
10SP14	I	04-169-147	04-169-147	1/12	
104MCH10	I	04-129-139	04-129-139	1/8	P/GRD04129
104MCH11	I	04-139-139	04-139-139	1/9	P/GRD04139
104MCH12	I	04-149-139	04-149-139	1/10	P/GRD04149
104MCH13	I	04-159-139	04-159-139	1/11	P/GRD04159
104MCH14	I	04-169-139	04-169-139	1/12	P/GRD04169
108KSN10	I	04-129-138	04-129-138	1/8	P/GRD04129
108KSN11	I	04-139-138	04-139-138	1/9	P/GRD04139
108KSN12	I	04-149-138	04-149-138	1/10	P/GRD04149
108KSN13	I	04-159-138	04-159-138	1/11	P/GRD04159
108KSN14	I	04-169-138	04-169-138	1/12	P/GRD04169
11CP26	I	04-027-154	04-027-154	1/3	P/GRD04027
11CP27	I	04-037-154	04-037-154	1/4	P/GRD04037
11CP28	I	04-047-154	04-047-154	1/5	P/GRD04047
11CP29	I	04-057-154	04-057-154	1/6	P/GRD04057
11CP30	I	04-067-154	04-067-154	1/7	P/GRD04067
11DP25	D	04-027-156	04-027-156	1/3	P/GRD04027
11DP27	D	04-037-156	04-037-156	1/4	P/GRD04037
11DP28	D	04-047-156	04-047-156	1/5	P/GRD04047
11DP29	D	04-057-156	04-057-156	1/6	P/GRD04057
11DP30	D	04-067-156	04-067-156	1/7	P/GRD04067
11N1N26	O	04-027-152	04-027-152	1/3	
11N1N27	O	04-037-152	04-037-152	1/4	
11N1N28	O	04-047-152	04-047-152	1/5	
11N1N29	O	04-057-152	04-057-152	1/6	
11N1N30	O	04-067-152	04-067-152	1/7	
11OP26	I	04-027-155	04-027-155	1/3	P/GRD04027
11OP27	I	04-037-155	04-037-155	1/4	P/GRD04037
11OP28	I	04-047-155	04-047-155	1/5	P/GRD04047
11OP29	I	04-057-155	04-057-155	1/6	P/GRD04057
11OP30	I	04-067-155	04-067-155	1/7	P/GRD04067
11PBIN26	O	04-027-141	04-027-141	1/3	P/GRD04027
11PBIN27	O	04-037-141	04-037-141	1/4	P/GRD04037
11PBIN28	O	04-047-141	04-047-141	1/5	P/GRD04047

ELEMENT IDENTIFIER (CONT)

A
DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
11PBIN29	O	04-057-141	04-057-141	1/6	P/GRD04057
11PBIN30	O	04-067-141	04-067-141	1/7	P/GRD04067
11PBON26	I	04-027-140	04-027-140	1/3	P/GRD04027
11PBON27	I	04-037-140	04-037-140	1/4	P/GRD04037
11PBON28	I	04-047-140	04-047-140	1/5	P/GRD04047
11PBON29	I	04-057-140	04-057-140	1/6	P/GRD04057
11PBON30	I	04-067-140	04-067-140	1/7	P/GRD04067
11SP26	I	04-027-153	04-027-153	1/3	
11SP27	I	04-037-153	04-037-153	1/4	
11SP28	I	04-047-153	04-047-153	1/5	
11SP29	I	04-057-153	04-057-153	1/6	
11SP30	I	04-067-153	04-067-153	1/7	
114MCH26	I	04-027-143	04-027-143	1/3	P/GRD04027
114MCH27	I	04-037-143	04-037-143	1/4	P/GRD04037
114MCH28	I	04-047-143	04-047-143	1/5	P/GRD04047
114MCH29	I	04-057-143	04-057-143	1/6	P/GRD04057
114MCH30	I	04-067-143	04-067-143	1/7	P/GRD04067
118KSN26	I	04-027-142	04-027-142	1/3	P/GRD04027
118KSN27	I	04-037-142	04-037-142	1/4	P/GRD04037
118KSN28	I	04-047-142	04-047-142	1/5	P/GRD04047
118KSN29	I	04-057-142	04-057-142	1/6	P/GRD04057
118KSN30	I	04-067-142	04-067-142	1/7	P/GRD04067

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DIGITAL CARRIER LINE UNIT - SUPPLEMENT

DWG SIZE
CZ

ISSUE
2M

AT&T

SD-5D203-01

GB3

CAD 002

DATA BUS (SEE NOTE 5)

CAD 002

(CONT'D)

CAD 002

(CONT'D)

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 DIGITAL CARRIER LINE UNIT		04-027 JACK/CP										TO DIGITAL CARRIER LINE UNIT		04-067 JACK/CP (CONT'D)															
00PB0N10	P00AA	136	00PB0N10	00PB0N10						11PBIN30	P29AD	141	11PBIN30							NC									
00PBIN10	P01AB	137	00PBIN10	00PBIN10						118KSN30	P009	142	118KSN30							NC									
008KSN10	P02AC	138	008KSN10	008KSN10						114MCN30	P010	143	114MCN30							NC									
004MCN10	P03AA	139	004MCN10	004MCN10						NC										NC									
11PBON26	P04AB	140	11PBON26	11PBON26						NC										NC									
11PBIN26	P05AC	141	11PBIN26	11PBIN26						GRD04067	PAM	239	GRD04067							GRD04159	PAY	239	GRD04159						
118KSN26	P001	142	118KSN26	118KSN26						GRD04067	PAN	240	GRD04067							GRD04159	PAZ	240	GRD04159						
114MCN26	P002	143	114MCN26	114MCN26						GRD04067	PAD	241	GRD04067							GRD04159	PBA	241	GRD04159						
NC		236								GRD04067	P009	242	GRD04067							GRD04159	P017	242	GRD04159						
NC		237								NC											P018	243	GRD04159						
NC		238								NC																			
GRD04027	PAA	239	GRD04027	GRD04027						NC																			
GRD04027	PAB	240	GRD04027	GRD04027						NC																			
GRD04027	PAC	241	GRD04027	GRD04027						NC																			
GRD04027	P001	242	GRD04027	GRD04027						NC																			
GRD04027	P002	243	GRD04027	GRD04027						NC																			
TO DIGITAL CARRIER LINE UNIT		04-037 JACK/CP										TO DIGITAL CARRIER LINE UNIT		04-129 JACK/CP															
00PB0N11	P06AD	136	00PB0N11	00PB0N11						10PBON10	P30AP	136	10PBON10							10PBON14	P54BB	136	10PBON14						
00PBIN11	P07AE	137	00PBIN11	00PBIN11						10PBIN10	P31AD	137	10PBIN10							10PBON14	P55BC	137	10PBON14						
008KSN11	P08AF	138	008KSN11	008KSN11						108KSN10	P32AR	138	108KSN10							108KSN14	P56RD	138	108KSN14						
004MCN11	P09AD	139	004MCN11	004MCN11						104MCN10	P33AP	139	104MCN10							104MCN14	P57BB	139	104MCN14						
11PBON27	P10AE	140	11PBON27	11PBON27						10PBON26	P34AD	140	10PBON26							01PBON30	P58BC	140	01PBON30						
11PBIN27	P11AF	141	11PBIN27	11PBIN27						01PBIN26	P35AR	141	01PBIN26							01PBIN30	P59RD	141	01PBIN30						
118KSN27	P003	142	118KSN27	118KSN27						018KSN26	P011	142	018KSN26							018KSN30	P019	142	018KSN30						
114MCN27	P004	143	114MCN27	114MCN27						014MCN26	P012	143	014MCN26							014MCN30	P020	143	014MCN30						
NC		236								NC										NC									
NC		237								NC										NC									
NC		238								NC										NC									
GRD04037	PAD	239	GRD04037	GRD04037						GRD04129	PAP	239	GRD04129							GRD04169	P88	239	GRD04169						
GRD04037	PAE	240	GRD04037	GRD04037						GRD04129	PAQ	240	GRD04129							GRD04169	P8C	240	GRD04169						
GRD04037	PAF	241	GRD04037	GRD04037						GRD04129	PAR	241	GRD04129							GRD04169	P8D	241	GRD04169						
GRD04037	P003	242	GRD04037	GRD04037						GRD04129	P011	242	GRD04129							GRD04169	P019	242	GRD04169						
GRD04037	P004	243	GRD04037	GRD04037						GRD04129	P012	243	GRD04129							GRD04169	P020	243	GRD04169						
TO DIGITAL CARRIER LINE UNIT		04-047 JACK/CP										TO DIGITAL CARRIER LINE UNIT		04-139 JACK/CP															
00PB0N12	P12AG	136	00PB0N12	00PB0N12						10PBON11	P36AS	136	10PBON11							10PBON11	P37AT	137	10PBON11						
00PBIN12	P13AH	137	00PBIN12	00PBIN12						10PBIN11	P37AT	137	10PBIN11							10PBON11	P38AU	138	10PBON11						
008KSN12	P14AI	138	008KSN12	008KSN12						108KSN11	P38AU	138	108KSN11							104MCN11	P39AS	139	104MCN11						
004MCN12	P15AG	139	004MCN12	004MCN12						104MCN11	P40AT	140	104MCN11							01PBON27	P41AU	141	01PBON27						
11PBON28	P16AH	140	11PBON28	11PBON28						01PBIN27	P41AU	141	01PBIN27							018KSN27	P013	142	018KSN27						
11PBIN28	P17AI	141	11PBIN28	11PBIN28						018KSN27	P013	142	018KSN27							014MCN27	P014	143	014MCN27						
118KSN28	P005	142	118KSN28	118KSN28						014MCN27	P014	143	014MCN27							NC									
114MCN28	P006	143	114MCN28	114MCN28						NC										NC									
NC		236								NC										NC									
NC		237								NC										NC									
NC		238								GRD04139	PAS	239	GRD04139							GRD04139	PAT	240	GRD04139						
GRD04047	PAG	239	GRD04047	GRD04047						GRD04139	PAT	240	GRD04139							GRD04139	PAU	241	GRD04139						
GRD04047	PAH	240	GRD04047	GRD04047						GRD04139	PAU	241	GRD04139							GRD04139	P013	242	GRD04139						
GRD04047	PAI	241	GRD04047	GRD04047						GRD04139	P013	242	GRD04139							GRD04139	P014	243	GRD04139						
GRD04047	P005	242	GRD04047	GRD04047						GRD04139	P014	243	GRD04139																
GRD04047	P006	243	GRD04047	GRD04047																									
TO DIGITAL CARRIER LINE UNIT		04-057 JACK/CP										TO DIGITAL CARRIER LINE UNIT		04-149 JACK/CP															
00PB0N13	P18AJ	136	00PB0N13	00PB0N13						10PBON12	P42AV	136	10PBON12							10PBON12	P43AW	137	10PBON12						
00PBIN13	P19AK	137	00PBIN13	00PBIN13						10PBIN12	P43AW	137	10PBIN12							108KSN12	P44AX	138	108KSN12						
008KSN13	P20AL	138	008KSN13	008KSN13						108KSN12	P44AX	138	108KSN12							104MCN12	P45AV	139	104MCN12						
004MCN13	P21AJ	139	004MCN13	004MCN13						104MCN12	P45AV	139	104MCN12							01PBON28	P46AW	140	01PBON28						
11PBON29	P22AK	140	11PBON29	11PBON29						01PBIN28	P46AW	140	01PBIN28							01PBIN28	P47AX	141	01PBIN28						
11PBIN29	P23AL	141	11PBIN29	11PBIN29						018KSN28	P015	142	018KSN28																

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			
-----J-----																																
04-037 JACK/CP																																
TO DIGITAL CARRIER	00N111			146	00N111					TO DIGITAL CARRIER	00DP14			150	00DP14						TO DIGITAL CARRIER	01SP28			153	01SP28						
LINE UNIT	00CP11	P006		147	00CP11					LINE UNIT	11N130	P026		151	11N130						LINE UNIT	01CP28	P045		154	01CP28						
	000CP11	P007		148	000CP11						11SP30			152	11SP30							010DP28	P046		155	010DP28						
	001DP11	P008		149	001DP11						11CP30	P027		153	11CP30							011DP28	P047		156	011DP28						
	NC			150	GRD04037						11DP30	P028		154	11DP30							NC			245	GRD04149						
TO DIGITAL CARRIER	11N127			151	11N127					TO DIGITAL CARRIER	GRD04067			246	GRD04067						TO DIGITAL CARRIER	GRD04149	P042		248	GRD04149						
LINE UNIT	11SP27			152	11SP27					LINE UNIT	GRD04067	P024		247	GRD04067						LINE UNIT	GRD04149	P043		249	GRD04149						
	11CP27	P009		153	11CP27						GRD04067	P025		248	GRD04067							NC			246	GRD04149						
	110DP27	P010		154	110DP27						GRD04067	P026		249	GRD04067							NC			247	GRD04149						
	111DP27	P011		155	111DP27						NC			246	GRD04067							NC			245	GRD04149						
	NC			245	GRD04037						GRD04067	P027		247	GRD04067							NC			246	GRD04149						
	NC			246	GRD04037						GRD04067	P028		248	GRD04067							NC			247	GRD04149						
	NC			247	GRD04037						GRD04067	P029		249	GRD04067							NC			248	GRD04149						
TO DIGITAL CARRIER	GRD04037	P006		248	GRD04037					TO DIGITAL CARRIER	GRD04067			250	GRD04067						TO DIGITAL CARRIER	GRD04149	P044		250	GRD04149						
LINE UNIT	GRD04037	P007		249	GRD04037					LINE UNIT	GRD04067	P026		251	GRD04067						LINE UNIT	GRD04149	P045		251	GRD04149						
	GRD04037	P008		250	GRD04037						GRD04067			252	GRD04067							NC			252	GRD04149						
	NC			251	GRD04037						GRD04067			253	GRD04067							NC			253	GRD04149						
	NC			252	GRD04037						GRD04067	P027		254	GRD04067								NC			254	GRD04149					
	NC			253	GRD04037						GRD04067	P028		255	GRD04067								NC			255	GRD04149					
TO DIGITAL CARRIER	GRD04037	P009		254	GRD04037					TO DIGITAL CARRIER	GRD04067			256	GRD04067						TO DIGITAL CARRIER	GRD04149	P046		256	GRD04149						
LINE UNIT	GRD04037	P010		255	GRD04037					LINE UNIT	GRD04067	P029		257	GRD04067						LINE UNIT	GRD04149	P047		256	GRD04149						
	GRD04037	P011		256	GRD04037						GRD04067			258	GRD04067										257	GRD04149						
-----J-----																																
04-047 JACK/CP																																
TO DIGITAL CARRIER	00N112			146	00N112					TO DIGITAL CARRIER	10N110			146	10N110						TO DIGITAL CARRIER	10N113			146	10N113						
LINE UNIT	00CP12	P012		147	00CP12					LINE UNIT	10SP10			147	10SP10						LINE UNIT	10SP13			147	10SP13						
	000CP12	P013		148	000CP12						10CP10	P030		148	10CP10							10CP13	P048		148	10CP13						
	001DP12	P014		149	001DP12						100DP10	P031		149	100DP10							100DP13	P049		149	100DP13						
	NC			150	GRD04047						101DP10	P032		150	101DP10							101DP13	P050		150	101DP13						
	11N128			151	11N128						GRD04129			151	GRD04129							NC			151	GRD04159						
	11SP28			152	11SP28						01N126			152	01N126							01N129			152	01N129						
	11CP28	P015		153	11CP28						01SP26	P033		153	01SP26							01CP29	P051		154	01CP29						
	110DP28	P016		154	110DP28						01CP26	P034		154	01CP26							010DP29	P052		155	010DP29						
	111DP28	P017		155	111DP28						010DP26	P035		155	010DP26							011DP29	P053		156	011DP29						
	NC			245	GRD04047						NC			245	GRD04129							NC			245	GRD04159						
	NC			246	GRD04047						GRD04129	P030		246	GRD04129							NC			246	GRD04159						
	NC			247	GRD04047						GRD04129	P031		247	GRD04129							GRD04159	P048		248	GRD04159						
TO DIGITAL CARRIER	GRD04047	P012		248	GRD04047					TO DIGITAL CARRIER	GRD04129			248	GRD04129						TO DIGITAL CARRIER	GRD04159	P049		249	GRD04159						
LINE UNIT	GRD04047	P013		249	GRD04047					LINE UNIT	GRD04129	P032		249	GRD04129						LINE UNIT	GRD04159	P050		250	GRD04159						
	GRD04047	P014		250	GRD04047						GRD04129			250	GRD04129							NC			251	GRD04159						
	NC			251	GRD04047						GRD04129			251	GRD04129							NC			252	GRD04159						
	NC			252	GRD04047						GRD04129			252	GRD04129							NC			253	GRD04159						
	NC			253	GRD04047						GRD04129	P033		253	GRD04129							GRD04159	P051		254	GRD04159						
TO DIGITAL CARRIER	GRD04047	P015		254	GRD04047					TO DIGITAL CARRIER	GRD04129			254	GRD04129						TO DIGITAL CARRIER	GRD04159	P052		255	GRD04159						
LINE UNIT	GRD04047	P016		255	GRD04047					LINE UNIT	GRD04129	P034		255	GRD04129						LINE UNIT	GRD04159	P053		256	GRD04159						
	GRD04047	P017		256	GRD04047						GRD04129	P035		256	GRD04129										257	GRD04159						
-----J-----																																
04-057 JACK/CP																																
TO DIGITAL CARRIER	00N113			146	00N113					TO DIGITAL CARRIER	10N111			146	10N111						TO DIGITAL CARRIER	10N114			146	10N114						
LINE UNIT	00CP13	P018		147	00CP13					LINE UNIT	10SP11			147	10SP11						LINE UNIT	10SP14			147	10SP14						
	000CP13	P019		148	000CP13						10CP11	P036		148	10CP11							10CP14	P054		148	10CP14						
	001DP13	P020		149	001DP13						100DP11	P037		149	100DP11							100DP14	P055		149	100DP14						
	NC			150	GRD04057						101DP11	P038		150	101DP11							101DP14	P056		150	101DP14						
	11N129			151	11N129						GRD04149			151	GRD04149							NC			151	GRD04169						
	11SP29			152	11SP29						01N127			152	01N127																	

0 1 2 3 4 5 6 7 8 9

CAD 004
P/O T1 INTERFACE

CAD 005
POWER AND GROUND ACCESS

CAD 006
(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 DSX-1 CROSS CONNECT		02-000 CONNECTOR					TO DSX-1 CROSS CONNECT		06-000 CONNECTOR					TO DSX-1 CROSS CONNECT		06-000 CONNECTOR																															
10T	10T	P000	1	10T10A	04-018	CP	016	10R	10R	P000	18	GRD04027	04-027	CP	135	10T1	10T1	P010	1	T11T10	04-027	CP	132	10R1	10R1	P010	18	GRD04027	04-027	CP	135	11T1	11T1	P011	2	T11T11	04-037	CP	132	11R1	11R1	P011	20	T11R11	04-037	CP	132
TO CONN CKT		02-007 LUG					TO CONN CKT		02-015 LUG					TO CONN CKT		02-179 LUG					TO CONN CKT		02-179 LUG																								
-48VA	-48VA		001	-48VA	04-010	CP	000	-48RTNA	-48RTNA		001	-48RTNA	04-010	CP	001	FRGRD	FRGRD		008	FRGRD	04-169	CP	003	-48RTNB	-48RTNB		004	-48RTNB	04-169	CP	001	-48VB	-48VB		000	-48VB	04-169	CP	000								
TO CONN CKT		04-027 CPTF					TO CONN CKT		04-037 CPTF					TO CONN CKT		04-047 CPTF					TO CONN CKT		04-129 CPTF																								
015	015		015	GRD04027	04-027	CP	151	036	036		036	REF00	04-027	CPTF	036	015	015		015	GRD04037	04-037	CP	051	036	036		036	REF01	04-037	CPTF	036	036	036		036	REF02	04-047	CPTF	036								

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 DIGITAL CARRIER LINE UNIT - SUPPLEMENT
 AT&T SD-5D203-01 GB6
 DWG SIZE 2 ZM
 ISSUE 2M

0 1 2 3 4 5 6 7 8 9

CAD 006

(CONT'D)

TO CONNECTION FROM CONNECTION

DESTINATION LEAD DESIGN METHOD WIRE SYM TERMINAL LEAD DESIGN TERMINATION TERMINAL OPT NOTE

.....J 04-139 CPTF

NC	015	GRD04139	04-139	CP	051
NC	036	REF06	04-139	CPTF	036
NC	038	REF06	04-139	CPTF	036
NC	039	REF06	04-139	CPTF	036
NC	040	REF06	04-139	CPTF	036
NC	042	REF06	04-139	CPTF	036
NC	043	REF06	04-139	CPTF	036
NC	045	REF06	04-139	CPTF	036
NC	048	REF06	04-139	CPTF	036
NC	049	REF06	04-139	CPTF	036
NC	054	REF06	04-139	CPTF	036
NC	055	REF06	04-139	CPTF	036
NC	115	GRD04139	04-139	CP	051
NC	209	PHRONB	04-010	CP	111

.....J 04-149 CPTF

NC	015	GRD04149	04-149	CP	251
NC	036	REF07	04-149	CPTF	036
NC	038	REF07	04-149	CPTF	036
NC	039	REF07	04-149	CPTF	036
NC	040	REF07	04-149	CPTF	036
NC	042	REF07	04-149	CPTF	036
NC	043	REF07	04-149	CPTF	036
NC	045	REF07	04-149	CPTF	036
NC	048	REF07	04-149	CPTF	036
NC	049	REF07	04-149	CPTF	036
NC	054	REF07	04-149	CPTF	036
NC	055	REF07	04-149	CPTF	036
NC	115	GRD04149	04-149	CP	251
NC	209	PHRONB	04-010	CP	111

.....J 04-159 CPTF

NC	015	GRD04159	04-159	CP	118
NC	036	REF08	04-159	CPTF	036
NC	038	REF08	04-159	CPTF	036
NC	039	REF08	04-159	CPTF	036
NC	040	REF08	04-159	CPTF	036
NC	042	REF08	04-159	CPTF	036
NC	043	REF08	04-159	CPTF	036
NC	045	REF08	04-159	CPTF	036
NC	048	REF08	04-159	CPTF	036
NC	049	REF08	04-159	CPTF	036
NC	054	REF08	04-159	CPTF	036
NC	055	REF08	04-159	CPTF	036
NC	115	GRD04159	04-159	CP	118
NC	209	PHRONB	04-010	CP	111

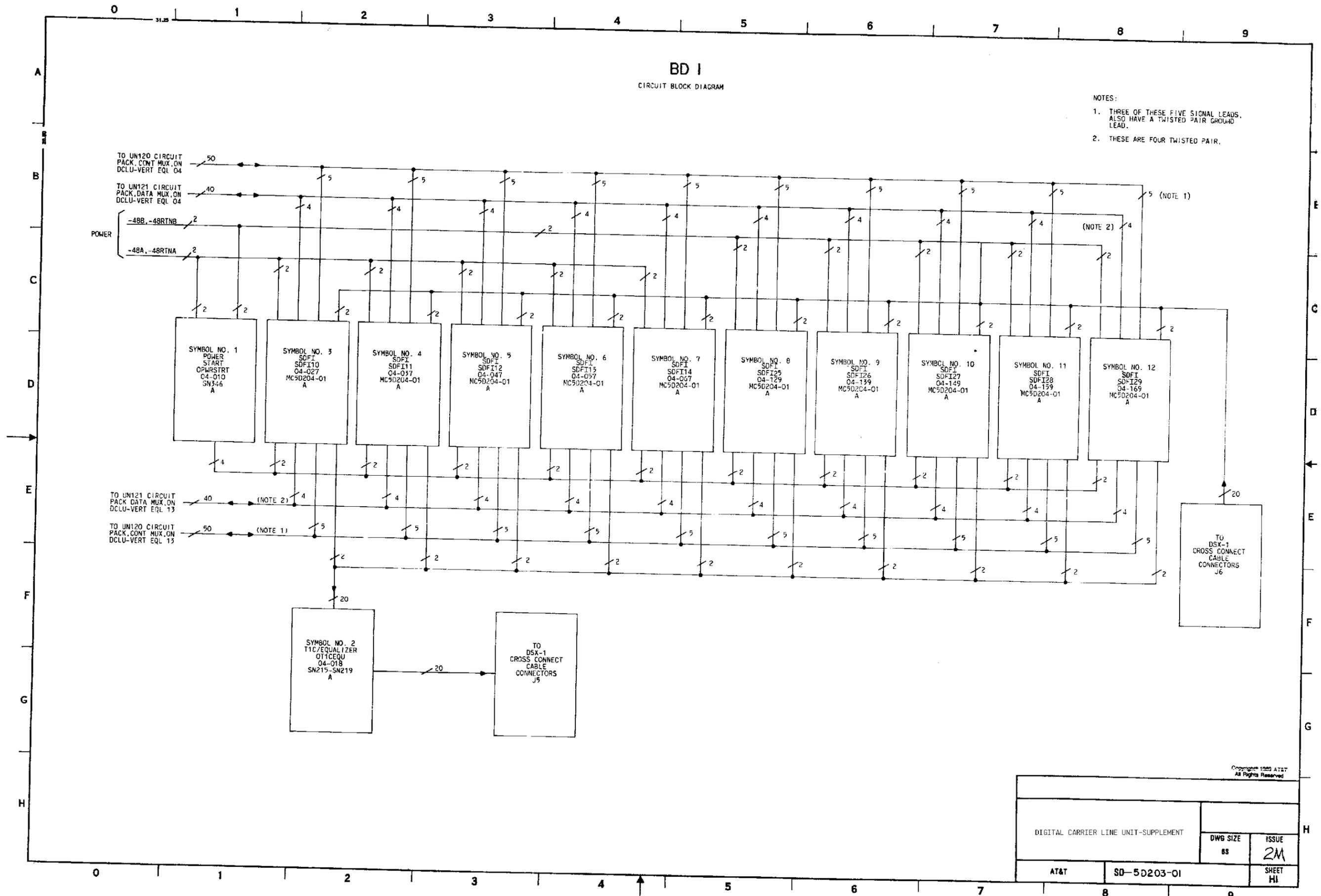
.....J 04-169 CPTF

NC	015	GRD04169	04-169	CP	245
NC	036	REF09	04-169	CPTF	036
NC	038	REF09	04-169	CPTF	036
NC	039	REF09	04-169	CPTF	036
NC	040	REF09	04-169	CPTF	036
NC	042	REF09	04-169	CPTF	036
NC	043	REF09	04-169	CPTF	036
NC	045	REF09	04-169	CPTF	036
NC	048	REF09	04-169	CPTF	036
NC	049	REF09	04-169	CPTF	036
NC	054	REF09	04-169	CPTF	036
NC	055	REF09	04-169	CPTF	036
NC	115	GRD04169	04-169	CP	245
NC	209	PHRONB	04-010	CP	111

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DIGITAL CARRIER LINE UNIT - SUPPLEMENT		DWG SIZE C2
		ISSUE 2M
AT&T	SD-5D203-01	GB7

BD 1
CIRCUIT BLOCK DIAGRAM

- NOTES:
- THREE OF THESE FIVE SIGNAL LEADS, ALSO HAVE A TWISTED PAIR GROUND LEAD.
 - THESE ARE FOUR TWISTED PAIR.



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DIGITAL CARRIER LINE UNIT-SUPPLEMENT		DWG SIZE	ISSUE
		6S	2M
AT&T	SO-5D203-01	SHEET HI	