SHEET INDEX

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	B#1AB	B1AB	4
	B#1AC	B1AC	3
	B#1AD	B1AD	3
	B#1AE	B1AE	4
FS 1 DIGITAL FACILITY INTERFACE 0 SHELF	B#1CA	B1CA	4
	B#1CB	B1CB	4
	B#1CC	B1CC	4
	B#1CD	B1CD	4
	B#1CE	B1CE	3
	B#1CF	B1CF	3
	B#1CG	B1CG	3
	B#1CH	B1CH	4
	B#1CJ	B1CJ	4
	B#1CK	B1CK	4
	B#1CL	B1CL	4
	B#2AA	B2AA	4
	B#2AB	B2AB	4
	B#2AC	B2AC	3
	B#2AD	B2AD	3
	B#2AE	B2AE	4
FS 2 DIGITAL FACILITY INTERFACE 1 SHELF	B#2CA	B2CA	4
	B#2CB	B2CB	4
	B#2CC	B2CC	4
	B#2CD	B2CD	4
	B#2CE	B2CE	3
	B#2CF	B2CF	3
	B#2CG	B2CG	3
	B#2CH	B2CH	4
	B#2CJ	B2CJ	4
	B#2CK	B2CK	4
	B#2CL	B2CL	4

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OPTION INDEX

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3	STD 1		APP FIG. 3
4	STD 1		APP FIG. 4
5	STD 1		APP FIG. 5
6	STD 1		APP FIG. 6
7	STD 1		APP FIG. 7
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9	STD 1		APP FIG. 9
10	STD 1		APP FIG. 10
11	STD 1		APP FIG. 11
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16	STD 1		APP FIG. 16
17	STD 1		APP FIG. 17
18	STD 1		APP FIG. 18
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20	STD 1		APP FIG. 20
21	STD 1		APP FIG. 21
22	STD 1		APP FIG. 22
23	STD 1		APP FIG. 23
24	STD 1		APP FIG. 24
25	STD 1		APP FIG. 25
26	STD 1		APP FIG. 26
27	STD 1		APP FIG. 27
Z	4B	308 309	1/3-1/7 1/11-1/15 2/3-2/7 2/11-2/15
Y	4B	308 309	1/3-1/7 1/11-1/15 2/3-2/7 2/11-2/15

DWG ISSUE	CO ISSUE	DATE ISSUED	DRAWN	APPD
1	1	11-22-85	ZEN KMB	AMW WJG PFV
2A	2A	9-4-91	BSG DFH	AMW WJG PFV
3M	2A APPX 1M	2-1-97		
4B	2A APPX 2B	8-14-97		

USED ON

FRAME SD	PROJECT	DSGN CONT
SD-50012-01	INTERFACE MODULE APPLICATION SCHEMATIC 7'	IH
SD-50012-02	INTERFACE MODULE APPLICATION MODULE 6'	IH

SUPPORTING INFORMATION

CATEGORY	NO.
EQUIPMENT DRAWING LINE TRUNK PERIPHERAL CABINET	J50003AR-1 J50003AF-1

BT15

ELECTRONIC SWITCHING SYSTEMS
5ESS® SWITCHING EQUIPMENT
DIGITAL CARRIER LINE UNIT CIRCUIT

DWG SIZE 6S | ISSUE 4B

AT&T | SD-50202-01 | SHEET A1 OF 57

DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION
+12V(0,1)	1/9,2/9	12 VOLT SUPPLY, SERVICE GROUP (0,1) (not used)
+5V0	2/9	+5 VOLT OUT-OF-SERVICE LAMP
+5V04027	1/3	+5 VOLT OUTPUT, DFI 0 (not connected)
+5V04037	1/4	+5 VOLT OUTPUT, DFI 1 (not connected)
+5V04047	1/5	+5 VOLT OUTPUT, DFI 2 (not connected)
+5V04057	1/6	+5 VOLT OUTPUT, DFI 3 (not connected)
+5V04067	1/7	+5 VOLT OUTPUT, DFI 4 (not connected)
+5V04129	1/11	+5 VOLT OUTPUT, DFI 5 (not connected)
+5V04139	1/12	+5 VOLT OUTPUT, DFI 6 (not connected)
+5V04149	1/13	+5 VOLT OUTPUT, DFI 7 (not connected)
+5V04159	1/14	+5 VOLT OUTPUT, DFI 8 (not connected)
+5V04169	1/15	+5 VOLT OUTPUT, DFI 9 (not connected)
+5V1	1/9	+5 VOLT OUTPUT, POWER UNIT
+5V13027	2/3	+5 VOLT OUTPUT, DFI 15 (not connected)
+5V13037	2/4	+5 VOLT OUTPUT, DFI 16 (not connected)
+5V13047	2/5	+5 VOLT OUTPUT, DFI 17 (not connected)
+5V13057	2/6	+5 VOLT OUTPUT, DFI 18 (not connected)
+5V13067	2/7	+5 VOLT OUTPUT, DFI 19 (not connected)
+5V13129	2/11	+5 VOLT OUTPUT, DFI 20 (not connected)
+5V13139	2/12	+5 VOLT OUTPUT, DFI 21 (not connected)
+5V13149	2/13	+5 VOLT OUTPUT, DFI 22 (not connected)
+5V13159	2/14	+5 VOLT OUTPUT, DFI 23 (not connected)
+5V13169	2/15	+5 VOLT OUTPUT, DFI 24 (not connected)
-OOS(0,1)	1/8,2/8	OUT-OF-SERVICE LAMP, SHELF(0,1)
-48V(A,B)RTN	1/3,2/3	-48 VOLT DCLU POWER INPUT, POWER BUS(A,B)
-48V(A,B)	1/1,2/1	-48 VOLT INPUT, POWER BUS(A,B)
FRGRD(A,B)	1/8,2/8	FRAME GROUND BUS(A,B)
GRD04(027-169)	1/3-15	GROUND VERTICAL(HORIZONTAL) EQL
GRD13(027-169)	1/3, 2/3-15	GROUND VERTICAL(HORIZONTAL) EQL
OT11R(00-09)	1/3-7, 11-15	SERVICE GROUP 0, T1 INPUT RING TO SDFI(00-09)
OT11T(00-09)	1/3-7, 11-15	SERVICE GROUP 0, T1 INPUT TIP TO SDFI(00-09)
OT1ON(00-09)	1/3-7, 11-15	SERVICE GROUP 0, T1 OUTPUT NEGATIVE OF SDFI(00-09)
OT1OP(00-09)	1/3-7, 11-15	SERVICE GROUP 0, T1 OUTPUT POSITIVE OF SDFI(00-09) TO EQUALIZER
OT1OR(00-09)A	1/2	SERVICE GROUP 0, T1 OUPTUT RING OF EQUALIZER FOR SDFI(00-09)
OT1OT(00-09)A	1/2	SERVICE GROUP 0, T1 OUTPUT TIP OF EQUALIZER FOR SDFI(00-09)
(0,1)AADRPER	1,2/10	SERVICE GROUP (0,1) PIDB-A ADDRESS PARITY ERROR
(0,1)ARAMWR0	1,2/8	SERVICE GROUP (0,1) PIDB-A RAM WRITE
(0,1)ARMXCTP	1,2/8	SERVICE GROUP (0,1) PIDB-A RCV MUX CONTROL PARITY
(0,1)ARMXCT(0-5)	1,2/8	SERVICE GROUP (0,1) PIDB-A RCV MUX CONTROL(0-5)
(0,1)ASW	1,2/10	SERVICE GROUP (0,1) ALL SEEMS WELL
(0,1)AXMXCTP	1,2/8	SERVICE GROUP (0,1) PIDB-A XMT MUX CONTROL PARITY
(0,1)AXMXCT(0-5)	1,2/8	SERVICE GROUP (0,1) PIDB-A XMT MUX CONTROL BIT(0-5)
(0,1)AX(0,1)(A,B)	1,2/8	SERVICE GROUP (0,1) ADDRESS(LOW,HIGH) PIDB(A,B)
(0,1)BADRPER	1,2/10	SERVICE GROUP (0,1) PIDB-B ADDRESS PARITY ERROR
(0,1)BRAMWR0	1,2/8	SERVICE GROUP (0,1) PIDB-B RAM WRITE
(0,1)BRMXCTP	1,2/8	SERVICE GROUP (0,1) PIDB-B RCV MUX CONTROL PARITY
(0,1)BRMXCT(0-5)	1,2/8	SERVICE GROUP (0,1) PIDB-B RCV MUX CONTROL BIT(0-5)
(0,1)BXMXCTP	1,2/8	SERVICE GROUP (0,1) PIDB-B XMT MUX CONTROL PARITY
(0,1)BXMXCT(0-5)	1,2/8	SERVICE GROUP (0,1) PIDB-B XMT MUX CONTROL BIT(0-5)
(0,1)CLEAR(A,B)	1,2/8	SERVICE GROUP (0,1) CLEAR PIDB(A,B) ERRORS
(0,1)DATASHF	1,2/8	SERVICE GROUP (0,1) DATA SHIFT
(0,1)DESTAX	1,2/8	SERVICE GROUP (0,1) ADDRESS SELECT
(0,1)DESTRST	1,2/8	SERVICE GROUP (0,1) REGISTER RESET
(0,1)DFILP	1,2/10	SERVICE GROUP (0,1) PCM LOOP BACK
(0,1)PROG(1,2)	1,2/8	SERVICE GROUP (0,1) POWER UNIT CURRENT PROGRAM RESISTOR(1,2)
(0,1)PWRON	1,2/3	SERVICE GROUP (0,1) POWER ON
(0,1)PIDBSEL	1,2/8	SERVICE GROUP (0,1) PIDB CLOCK SELECT
(0,1)RAMSYNC	1,2/10	SERVICE GROUP (0,1) RAM SYNC
(0,1)RDDATA	1,2/10	SERVICE GROUP (0,1) READ DATA
(0,1)RDPULSE	1,2/8	SERVICE GROUP (0,1) READ PULSE
(0,1)REF(00-09)	008	SERVICE GROUP (0,1) REFERENCE (not used)
(0,1)SPPW	1,2/9	SERVICE GROUP (0,1) POWER START OPTION STRAP
(0,1)START	1,2/1	SERVICE GROUP (0,1) POWER START
(0,1)S1DESEL	1,2/8	SERVICE GROUP (0,1) 5ESS SIDE SELECT
(0,1)WRDATA	1,2/8	SERVICE GROUP (0,1) WRITE DATA TO UN121
(0,1)WRPULSE	1,2/8	SERVICE GROUP (0,1) WRITE PULSE TO UN121
(0,1)XSYNC(00-09)	1,2/3-7, 11-15	SERVICE GROUP (0,1) TP SYNC SDFI(00-09)
(0,1)0AC(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 0 PICB-A CLOCK (NEG,POS)
(0,1)0AID(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 0 PICB-A INTO 5ESS DATA (NEG,POS)
(0,1)0ANINT(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 0 PICB-A INTERRUPT (NEG,POS)
(0,1)0ADD(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 0 PICB-A FROM 5ESS DATA (NEG,POS)
(0,1)0APBI(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 0 PIDB-A TO 5ESS DATA (NEG,POS)
(0,1)0APBO(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 0 PIDB-A FROM 5ESS DATA (NEG,POS)
(0,1)0AS(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 0 PICB-A SELECT NEG (ground)
(0,1)0A4MC(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 0 PIDB-A 4MHz CLOCK (NEG,POS)
(0,1)0A8KS(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 0 PIDB-A 8KHz SYNC (NEG,POS)
(0,1)0BC(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 0 PICB-B CLOCK (NEG,POS)
(0,1)0BID(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 0 PICB-B TO 5ESS DATA (NEG,POS)
(0,1)0BNINT(N,P)	1,2/8	SERVICE GROUP (0,1) PICB-B INTERRUPT (NEG,POS)
(0,1)0BOD(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 0 PICB-B FROM 5ESS DATA (NEG,POS)
(0,1)0BPBI(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 0 PIDB-B TO 5ESS DATA (NEG,POS)
(0,1)0BPBO(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 0 PIDB-B FROM 5ESS DATA (NEG,POS)
(0,1)0BS(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 0 PICB-B SELECT (NEG,POS)
(0,1)0B4MC(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 0 PIDB-B 4MHz CLOCK (NEG,POS)
(0,1)0B8KS(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 0 PIDB-B 8KHz SYNC (NEG,POS)
(0,1)0CP(00-14)	1,2/8	SERVICE GROUP (0,1) SIDE 0 FROM BURST CLOCK SDFI(00-14)
(0,1)0DP(00-14)	1,2/3-8, 11-15	SERVICE GROUP (0,1) GROUP 0 CONTROL DATA IN SDFI(00-14)
(0,1)0NITP(00-14)	1,2/3-8, 11-15	SERVICE GROUP (0,1) GROUP 0 INTERRUPT SDFI(00-14)
(0,1)0OOP(00-14)	1,2/8	SERVICE GROUP (0,1) GROUP 0 CONTROL DATA OUT SDFI(00-14)
(0,1)0PBIN(00-14)	1,2/3-7, 10-15	SERVICE GROUP (0,1) GROUP 0 RECEIVE DATA SDFI(00-14)
(0,1)0PBON(00-14)	1,2/10	SERVICE GROUP (0,1) GROUP 0 XMIT DATA SDFI(00-14)
(0,1)0SP(00-14)	1,2/8	SERVICE GROUP (0,1) GROUP 0 SELECT CONTROL SDFI(00-14)
(0,1)04MCN(00-14)	1,2/10	SERVICE GROUP (0,1) GROUP 0 4MHz CLOCK SDFI(00-14)
(0,1)08KSN(00-14)	1,2/10	SERVICE GROUP (0,1) GROUP 0 8KHz SYNC SDFI(00-14)
(0,1)1AC(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 1 PICB-A CLOCK (NEG,POS)
(0,1)1AID(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 1 PICB-A INTO 5ESS DATA (NEG,POS)
(0,1)1ANINT(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 1 PICB-A INTERRUPT (NEG,POS)
(0,1)1AOD(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 1 PICB-A FROM 5ESS DATA (NEG,POS)
(0,1)1APBI(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 1 PIDB-A TO 5ESS DATA (NEG,POS)
(0,1)1APBO(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 1 PIDB-A FROM 5ESS DATA (NEG,POS)
(0,1)1AS(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 1 PICB-A SELECT (NEG,POS)
(0,1)1A4MC(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 1 PIDB-A 4MHz CLOCK (NEG,POS)
(0,1)1A8KS(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 1 PIDB-A 8KHz SYNC (NEG,POS)
(0,1)1BC(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 1 PICB-B CLOCK (NEG,POS)
(0,1)1BID(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 1 PICB-B TO 5ESS DATA (NEG,POS)
(0,1)1BNINT(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 1 PICB-B INTERRUPT (NEG,POS)
(0,1)1BOD(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 1 PICB-B FROM 5ESS DATA (NEG,POS)
(0,1)1BPBI(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 1 PIDB-B TO 5ESS DATA (NEG,POS)

DIGITAL CARRIER LINE UNIT

DWG SIZE C2 | ISSUE 3M

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DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYD	DEFINITION
(0,1)1BPBO(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 1 PIDB-B FROM 5ESS DATA (NEG,POS)
(0,1)1BS(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 1 PIDB-B SELECT (NEG,POS)
(0,1)1B4MC(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 1 PIDB-B 4MHz CLOCK (NEG,POS)
(0,1)1B8KS(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 1 PIDB-B 8KHz SYNC (NEG,POS)
(0,1)1CP(16-30)	1,2/8	SERVICE GROUP (0,1) GROUP 1 FROM BURST CLOCK SDFI(00-09,15-24)
(0,1)1IDP(16-30)	1,2/8, 1,2/3-7, 1,2/11-15	SERVICE GROUP (0,1) GROUP 1 CONTROL DATA OUT SDFI(00-09, 15-24)
(0,1)1NITP(16-30)	1,2/8, 1,2/3-7, 1,2/11-15	SERVICE GROUP (0,1) GROUP 0 INTERRUPT SDFI(00-09, 15-24)
(0,1)1NI(A,B)	1,2/10	SERVICE GROUP (0,1) GROUP 0 ERROR INTERRUPT PIDB(A,B)
(0,1)1ODP(16-30)	1,2/8	SERVICE GROUP (0,1) GROUP 1 CONTROL DATA OUT SDFI(00-09,15-24)
(0,1)1PBIN(16-30)	1,2/10, 1,2/3-7, 1,2/11-15	SERVICE GROUP (0,1) GROUP 0 RECEIVE DATA SDFI(00-09,15-24)
(0,1)1PBON(16-30)	1,2/10	SERVICE GROUP (0,1) GROUP 1 XMIT DATA SDFI(00-09,15-24)
(0,1)1SP(16-30)	1,2/8	SERVICE GROUP (0,1) GROUP 1 SELECT CONTROL SDFI(00-09,15-24)
(0,1)14MCN(16-30)	1,2/10	SERVICE GROUP (0,1) GROUP 1 4MHz CLOCK SDFI(00-09,15-24)
(0,1)18KSN(16-30)	1,2/10	SERVICE GROUP (0,1) GROUP 1 8KHz SYNC SDFI(00-09,15-24)
(0,1)256CK1	1,2/10	SERVICE GROUP (0,1) 256 KHz CLOCK
(0,1)4MCLK	1,2/10	SERVICE GROUP (0,1) 4MHz CLOCK
1T1IR(15-24)	2/3-7, 11-15	SERVICE GROUP 1 T1 INPUT RING TO SDFI(15-24)
1T1IT(15-24)	2/3-7, 11-15	SERVICE GORUP 1 T1 INPUT TIP TO SDFI(15-24)
1T1ON(15-24)	2/3-7, 11-15	SERVICE GROUP 1 T1 OUTPUT NEGATIVE OF SDFI(15-24)
1T1OP(15-24)	2/3-7, 11-15	SERVICE GROUP 1 T1 OUTPUT POSITIVE OF SDFI(15-24)
1T1OR(15-24)	2/2	SERVICE GROUP 1 T1 OUTPUT RING OF EQAULIZER FOR SDFI(15-24)
1T1OT(15-24)	2/2	SERVICE GROUP 1 T1 OUTPUT TIP OF EQUALIZER FOR SDFI(15-24)

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
CZ	3M

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APPARATUS INDEX

EQUIP LOC	APP NO.	FIGURE SH NO.
CIRCUIT PACKS		
04-010	2	C2
04-018	3	C2
04-018	4	C2
04-018	5	C2
04-018	6	C2
04-018	7	C2
04-027	8	C2
04-037	9	C3
04-047	10	C3
04-057	11	C3
04-067	12	C3
04-088	2	C2
04-098	2	C2
04-108	2	C2
04-129	13	C3
04-139	14	C3
04-149	15	C3
04-159	16	C3
04-169	17	C3
13-010	2	C2
13-018	5	C2
13-018	6	C2
13-018	4	C2
13-018	7	C2
13-018	3	C2
13-027	18	C3
13-037	19	C3
13-047	20	C3
13-057	21	C4
13-067	22	C4
13-088	2	C2
13-098	2	C2
13-108	2	C2
13-129	23	C4
13-139	24	C4
13-149	25	C4
13-159	26	C4
13-169	27	C4
DESIG		
0CMUX	2	C2
0DMUX	2	C2
0PU	2	C2
0PWRSTRT	2	C2
0T1CEQU	3	C2
0T1CEQU	4	C2
0T1CEQU	5	C2
0T1CEQU	7	C2
1CMUX	2	C2
1DMUX	2	C2
1PU	2	C2
1PWRSTRT	2	C2
1T1CEQU	4	C2
1T1CEQU	5	C2
1T1CEQU	6	C2
1T1CEQU	3	C2
1T1CEQU	7	C2
0T1CEQU	6	C2
SDFI00	8	C2
SDFI01	9	C3
SDFI02	10	C3
SDFI03	11	C3
SDFI04	12	C3

DESIG	APP NO.	FIG. SH NO.
CIRCUIT PACKS(CONT)		
SDFI05	13	C3
SDFI06	14	C3
SDFI07	15	C3
SDFI08	16	C3
SDFI09	17	C3
SDFI15	18	C3
SDFI16	19	C3
SDFI17	20	C3
SDFI18	21	C4
SDFI19	22	C4
SDFI20	23	C4
SDFI21	24	C4
SDFI22	25	C4
SDFI23	26	C4
SDFI24	27	C4

DESIG	LOCATION FS/SYM	APPFIG	EQPT
CIRCUIT PACK-CP			
0CMUX	1/8	2	04-088
0DMUX	1/10	2	04-108
0PWRSTRT	1/1	2	04-010
0T1CEQU	1/2	3	04-018
0T1CEQU	1/2	4	04-018
0T1CEQU	1/2	5	04-018
0T1CEQU	1/2	7	04-018
1CMUX	2/8	2	13-088
1DMUX	2/10	2	13-108
1PWRSTRT	2/1	2	13-010
1T1CEQU	2/2	3	13-018
1T1CEQU	2/2	5	13-018
1T1CEQU	2/2	6	13-018
1T1CEQU	2/2	4	13-018
1T1CEQU	2/2	7	13-018
0T1CEQU	1/2	6	04-018
SDFI00	1/3	8	04-027
SDFI01	1/4	9	04-037
SDFI02	1/5	10	04-047
SDFI03	1/6	11	04-057
SDFI04	1/7	12	04-067
SDFI05	1/11	13	04-129
SDFI06	1/12	14	04-139
SDFI07	1/13	15	04-149
SDFI08	1/14	16	04-159
SDFI09	1/15	17	04-169
SDFI15	2/3	18	13-027
SDFI16	2/4	19	13-037
SDFI17	2/5	20	13-047
SDFI18	2/6	21	13-057
SDFI19	2/7	22	13-067
SDFI20	2/11	23	13-129
SDFI21	2/12	24	13-139
SDFI22	2/13	25	13-149
SDFI23	2/14	26	13-159
SDFI24	2/15	27	13-169
CONVERTER			
0PU	1/9	2	04-098
1PU	2/9	2	13-098

DESIG	LOCATION FS/SYM	CAD
CONN CKT		
-48VA	1/1	005
-48VARTN	1/1	005
-48VB	2/1	005
-48VBRTN	2/1	005
00A4MCN	1/10	002
00A4MCP	1/10	002
00A8KSN	1/10	002
00A8KSP	1/10	002
00ACN	1/8	003
00ACP	1/8	003
00AIDN	1/8	003
00AIDP	1/8	003
00ANINTN	1/8	003
00ANINTP	1/8	003
00AODN	1/8	003
00AODP	1/8	003
00APBIN	1/10	002
00APBIP	1/10	002
00APBON	1/10	002
00APBOP	1/10	002
00ASN	1/8	003
00ASP	1/8	003
00B4MCN	1/10	002
00B4MCP	1/10	002
00B8KSN	1/10	002
00B8KSP	1/10	002
00BCN	1/8	003
00BCP	1/8	003
00BIDN	1/8	003
00BIDP	1/8	003
00BNINTN	1/8	003
00BNINTP	1/8	003
00BODN	1/8	003
00BODP	1/8	003
00BPBIN	1/10	002
00BPBIP	1/10	002
00BPBON	1/10	002
00BPBOP	1/10	002
00BSN	1/8	003
00BSP	1/8	003
01A4MCN	1/10	002
01A4MCP	1/10	002
01A8KSN	1/10	002
01A8KSP	1/10	002
01ACN	1/8	003
01ACP	1/8	003
01AIDN	1/8	003
01AIDP	1/8	003
01ANINTN	1/8	003
01ANINTP	1/8	003
01AODN	1/8	003
01AODP	1/8	003
01APBIN	1/10	002
01APBIP	1/10	002
01APBON	1/10	002
01APBOP	1/10	002
01ASN	1/8	003
01ASP	1/8	003
01B4MCN	1/10	002
01B4MCP	1/10	002
01B8KSN	1/10	002
01B8KSP	1/10	002
01BCN	1/8	003
01BCP	1/8	003
01BIDN	1/8	003

DESIG	LOCATION FS/SYM	CAD
CONN CKT (CONT)		
01BIDP	1/8	003
01BNINTN	1/8	003
01BNINTP	1/8	003
01BODN	1/8	003
01BODP	1/8	003
01BPBIN	1/10	002
01BPBIP	1/10	002
01BPBON	1/10	002
01BPBOP	1/10	002
01BSN	1/8	003
01BSP	1/8	003
10A4MCN	2/10	002
10A4MCP	2/10	002
10A8KSN	2/10	002
10A8KSP	2/10	002
10ACN	2/8	003
10ACP	2/8	003
10AIDN	2/8	003
10AIDP	2/8	003
10ANINTN	2/8	003
10ANINTP	2/8	003
10AODN	2/8	003
10AODP	2/8	003
10APBIN	2/10	002
10APBIP	2/10	002
10APBON	2/10	002
10APBOP	2/10	002
10ASN	2/8	003
10ASP	2/8	003
10B4MCN	2/10	002
10B4MCP	2/10	002
10B8KSN	2/10	002
10B8KSP	2/10	002
10BCN	2/8	003
10BCP	2/8	003
10BIDN	2/8	003
10BIDP	2/8	003
10BNINTN	2/8	003
10BNINTP	2/8	003
10BODN	2/8	003
10BODP	2/8	003
10BPBIN	2/10	002
10BPBIP	2/10	002
10BPBON	2/10	002
10BPBOP	2/10	002
10BSN	2/8	003
10BSP	2/8	003
11A4MCN	2/10	002
11A4MCP	2/10	002
11A8KSN	2/10	002
11A8KSP	2/10	002
11ACN	2/8	003
11ACP	2/8	003
11AIDN	2/8	003
11AIDP	2/8	003
11ANINTN	2/8	003
11ANINTP	2/8	003
11AODN	2/8	003
11AODP	2/8	003
11APBIN	2/10	002
11APBIP	2/10	002
11APBOM	2/10	002
11APBOP	2/10	002
11ASN	2/8	003
11ASP	2/8	003

DESIG	LOCATION FS/SYM	CAD
CONN CKT (CONT)		
11B4MCN	2/10	002
11B4MCP	2/10	002
11B8KSN	2/10	002
11B8KSP	2/10	002
11BCN	2/8	003
11BCP	2/8	003
11BIDN	2/8	003
11BIDP	2/8	003
11BNINTN	2/8	003
11BNINTP	2/8	003
11BODN	2/8	003
11BODP	2/8	003
11BPBIN	2/10	002
11BPBIP	2/10	002
11BPBON	2/10	002
11BPBOP	2/10	002
11BSN	2/8	003
11BSP	2/8	003
FRGRDA	1/8	005
FRGRDB	2/8	005
DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT		
00CP10	1/8	006
00CP11	1/8	006
00CP12	1/8	006
00CP13	1/8	006
00CP14	1/8	006
00IDP10	1/8	006
00IDP11	1/8	006
00IDP12	1/8	006
00IDP13	1/8	006
00IDP14	1/8	006
00NITP10	1/8	006
00NITP11	1/8	006
00NITP12	1/8	006
00NITP13	1/8	006
00NITP14	1/8	006
00ODP10	1/8	006
00ODP11	1/8	006
00ODP12	1/8	006
00ODP13	1/8	006
00ODP14	1/8	006
00PBIN10	1/10	007
00PBIN11	1/10	007
00PBIN12	1/10	007
00PBIN13	1/10	007
00PBIN14	1/10	007
00PBON10	1/10	007
00PBON11	1/10	007
00PBON12	1/10	007
00PBON13	1/10	007
00PBON14	1/10	007
00SP10	1/8	006
00SP11	1/8	006

DESIG	LOCATION FS/SYM	CAD
DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT (CONT)		
00SP12	1/8	006
00SP13	1/8	006
00SP14	1/8	006
01CP26	1/8	006
01CP27	1/8	006
01CP28	1/8	006
01CP29	1/8	006
01CP30	1/8	006
01IDP26	1/8	006
01IDP27	1/8	006
01IDP28	1/8	006
01IDP29	1/8	006
01IDP30	1/8	006
01NITP26	1/8	006
01NITP27	1/8	006
01NITP28	1/8	006
01NITP29	1/8	006
01NITP30	1/8	006
01ODP26	1/8	006
01ODP27	1/8	006
01ODP28	1/8	006
01ODP29	1/8	006
01ODP30	1/8	006
01PBIN26	1/10	007
01PBIN27	1/10	007
01PBIN28	1/10	007
01PBIN29	1/10	007
01PBIN30	1/10	007
01PBON26	1/10	007
01PBON27	1/10	007
01PBON28	1/10	007
01PBON29	1/10	007
01PBON30	1/10	007
01SP26	1/8	006
01SP27	1/8	006
01SP28	1/8	006
01SP29	1/8	006
01SP30	1/8	006
10CP10	2/8	006
10CP11	2/8	006
10CP12	2/8	006
10CP13	2/8	006
10CP14	2/8	006
10IDP10	2/8	006
10IDP11	2/8	006
10IDP12	2/8	006
10IDP13	2/8	006
10IDP14	2/8	006
10NITP10	2/8	006
10NITP11	2/8	006
10NITP12	2/8	006
10NITP13	2/8	006
10NITP14	2/8	006
10ODP10	2/8	006
10ODP11	2/8	006

LEAD INDEX

DIGITAL CARRIER LINE UNIT

DWG SIZE C2 | ISSUE 3M

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LEAD INDEX (CONT)

DESIG	LOCATION FS/SYM	CAD
DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT (CONT)		
10ODP12	2/8	006
10ODP13	2/8	006
10ODP14	2/8	006
10PBIN10	2/10	007
10PBIN11	2/10	007
10PBIN12	2/10	007
10PBIN13	2/10	007
10PBIN14	2/10	007
10PBON10	2/10	007
10PBON11	2/10	007
10PBON12	2/10	007
10PBON13	2/10	007
10PBON14	2/10	007
10SP10	2/8	006
10SP11	2/8	006
10SP12	2/8	006
10SP13	2/8	006
10SP14	2/8	006
11CP26	2/8	006
11CP27	2/8	006
11CP28	2/8	006
11CP29	2/8	006
11CP30	2/8	006
11IOP26	2/8	006
11IOP27	2/8	006
11IDP28	2/8	006
11IDP29	2/8	006
11IDP30	2/8	006
11NITP26	2/8	006
11NITP27	2/8	006
11NITP28	2/8	006
11NITP29	2/8	006
11NITP30	2/8	006
11ODP26	2/8	006
11ODP27	2/8	006
11ODP28	2/8	006
11ODP29	2/8	006
11ODP30	2/8	006
11PBIN26	2/10	007
11PBIN27	2/10	007
11PBIN28	2/10	007
11PBIN29	2/10	007
11PBIN30	2/10	007
11PBON26	2/10	007
11PBON27	2/10	007
11PBON28	2/10	007
11PBON29	2/10	007
11PBON30	2/10	007
11SP26	2/8	006
11SP27	2/8	006
11SP28	2/8	006
11SP29	2/8	006
11SP30	2/8	006
004MCN10	1/10	007
004MCN11	1/10	007
004MCN12	1/10	007
004MCN13	1/10	007
004MCN14	1/10	007
008KSN10	1/10	007
008KSN11	1/10	007
008KSN12	1/10	007
008KSN13	1/10	007
008KSN14	1/10	007
014MCN26	1/10	007

DESIG	LOCATION FS/SYM	CAD
DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT (CONT)		
014MCN27	1/10	007
014MCN28	1/10	007
014MCN29	1/10	007
014MCN30	1/10	007
018KSN26	1/10	007
018KSN27	1/10	007
018KSN28	1/10	007
018KSN29	1/10	007
018KSN30	1/10	007
104MCN10	2/10	007
104MCN11	2/10	007
104MCN12	2/10	007
104MCN13	2/10	007
104MCN14	2/10	007
108KSN10	2/10	007
108KSN11	2/10	007
108KSN12	2/10	007
108KSN13	2/10	007
108KSN14	2/10	007
114MCN26	2/10	007
114MCN27	2/10	007
114MCN28	2/10	007
114MCN29	2/10	007
114MCN30	2/10	007
118KSN26	2/10	007
118KSN27	2/10	007
118KSN28	2/10	007
118KSN29	2/10	007
118KSN30	2/10	007
GRD04088	2/3	006
GRD04088	2/4	006
GRD04088	2/5	006
GRD04088	2/6	006
GRD04088	2/7	006
GRD04088	1/8	006
GRD04088	2/11	006
GRD04088	2/12	006
GRD04088	2/13	006
GRD04088	2/14	006
GRD04088	2/15	006
GRD04108	2/6	006
GRD04108	2/11	006
GRD04108	2/5	006
GRD04108	2/12	006
GRD04108	2/3	006
GRD04108	2/13	006
GRD04108	2/4	006
GRD04108	2/14	006
GRD04108	2/7	006
GRD04108	2/15	006
GRD04108	1/10	006
GRD13088	1/3	006
GRD13088	1/11	006
GRD13088	1/12	006
GRD13088	1/13	006
GRD13088	1/6	006
GRD13088	1/7	006
GRD13088	1/15	006
GRD13088	1/14	006
GRD13088	2/8	006
GRD13088	1/4	006
GRD13088	1/5	006
GRD13108	1/11	006
GRD13108	1/15	006

DESIG	LOCATION FS/SYM	CAD
DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT (CONT)		
GRD13108	2/10	006
GRD13108	1/13	006
GRD13108	1/14	006
GRD13108	1/6	006
GRD13108	1/3	006
GRD13108	1/12	006
GRD13108	1/4	006
GRD13108	1/7	006
GRD13108	1/5	006
DSX-1 CROSS CONNECT		
0T11R00	1/3	004
0T11R01	1/4	004
0T11R02	1/5	004
0T11R03	1/6	004
0T11R04	1/7	004
0T11R05	1/11	004
0T11R06	1/12	004
0T11R07	1/13	004
0T11R08	1/14	004
0T11R09	1/15	004
0T11T00	1/3	004
0T11T01	1/4	004
0T11T02	1/5	004
0T11T03	1/6	004
0T11T04	1/7	004
0T11T05	1/11	004
0T11T06	1/12	004
0T11T07	1/13	004
0T11T08	1/14	004
0T11T09	1/15	004
0T10R00A	1/2	004
0T10R01A	1/2	004
0T10R02A	1/2	004
0T10R03A	1/2	004
0T10R04A	1/2	004
0T10R05A	1/2	004
0T10R06A	1/2	004
0T10R07A	1/2	004
0T10R08A	1/2	004
0T10R09A	1/2	004
0T10T00A	1/2	004
0T10T01A	1/2	004
0T10T02A	1/2	004
0T10T03A	1/2	004
0T10T04A	1/2	004
0T10T05A	1/2	004
0T10T06A	1/2	004
0T10T07A	1/2	004
0T10T08A	1/2	004
0T10T09A	1/2	004
1T11R15	2/3	004
1T11R16	2/4	004
1T11R17	2/5	004
1T11R18	2/6	004
1T11R19	2/7	004
1T11R20	2/11	004
1T11R21	2/12	004
1T11R22	2/13	004
1T11R23	2/14	004
1T11R24	2/15	004
1T11T15	2/3	004
1T11T16	2/4	004

DESIG	LOCATION FS/SYM	CAD
DSX-1 CROSS CONNECT (CONT)		
1T11T17	2/5	004
1T11T18	2/6	004
1T11T19	2/7	004
1T11T20	2/11	004
1T11T21	2/12	004
1T11T22	2/13	004
1T11T23	2/14	004
1T11T24	2/15	004
1T10R15A	2/2	004
1T10R16A	2/2	004
1T10R17A	2/2	004
1T10R18A	2/2	004
1T10R19A	2/2	004
1T10R20A	2/2	004
1T10R21A	2/2	004
1T10R22A	2/2	004
1T10R23A	2/2	004
1T10R24A	2/2	004
1T10T15A	2/2	004
1T10T16A	2/2	004
1T10T17A	2/2	004
1T10T18A	2/2	004
1T10T19A	2/2	004
1T10T20A	2/2	004
1T10T21A	2/2	004
1T10T22A	2/2	004
1T10T23A	2/2	004
1T10T24A	2/2	004
GRD04027	1/3	004
GRD13027	2/3	004

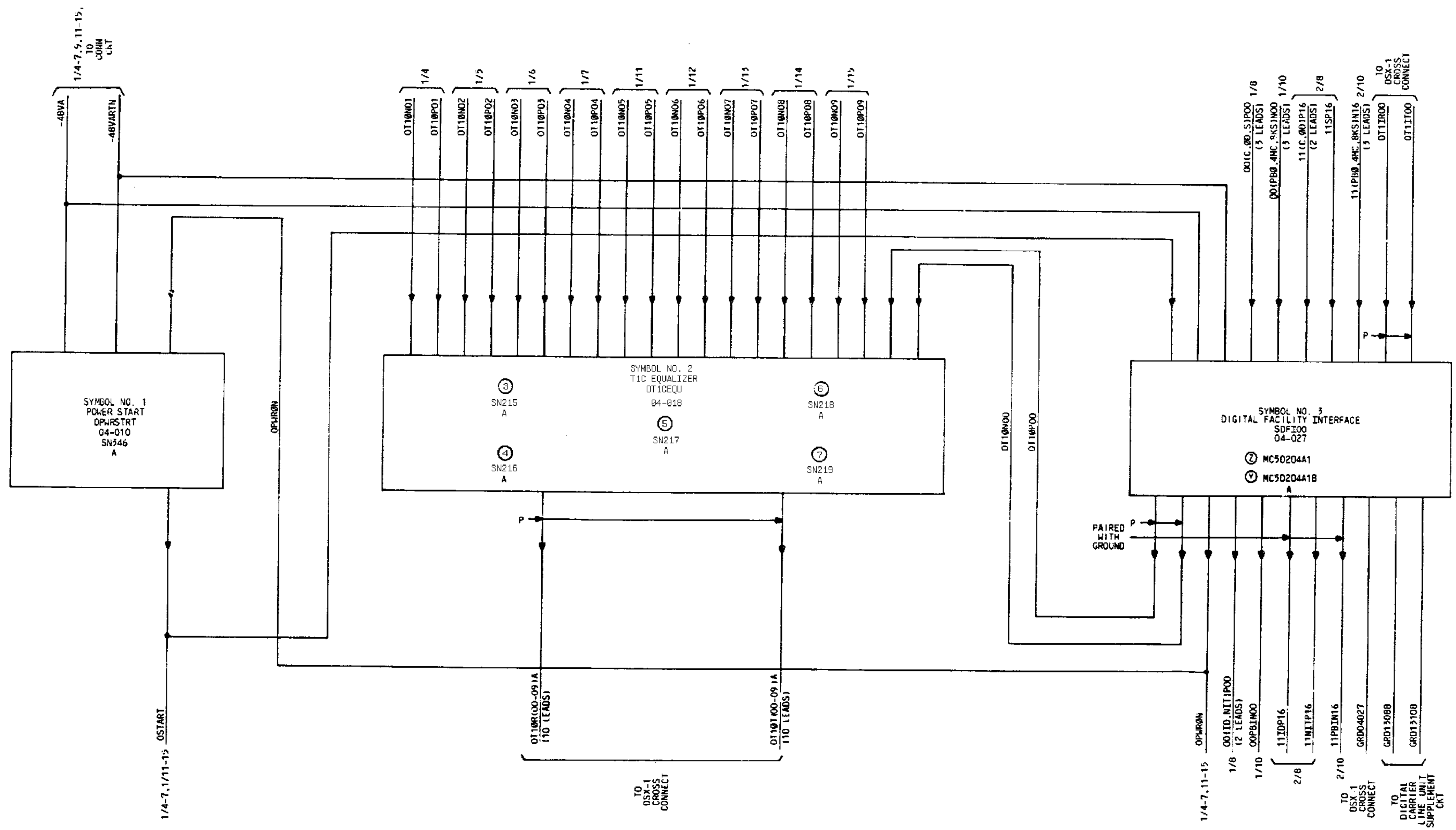
DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
C2	3M

AT&T	SD-5D202-01	A5

PART OF FS 1

DIGITAL FACILITY INTERFACE, 3 SHELF
(P/O INTERCONNECTION & FLOW DIAGRAM)



DIGITAL CARRIER LINE UNIT

AT&T	SD-5D202-01	DWG SIZE	ISSUE 4B
			SHEET B1AA

PART OF FS I

DIGITAL FACILITY INTERFACE, 0 SHELF
(P/O INTERCONNECTION & FLOW DIAGRAM)

SYMBOL NO. 4
DIGITAL FACILITY INTERFACE
SDFIO1
04-037
Z MC5D204A1
Y MC5D204A1B A

SYMBOL NO. 5
DIGITAL FACILITY INTERFACE
SDFIO2
04-047
Z MC5D204A1
Y MC5D204A1B A

SYMBOL NO. 6
DIGITAL FACILITY INTERFACE
SDFIO3
04-057
Z MC5D204A1
Y MC5D204A1B A

SYMBOL NO. 7
DIGITAL FACILITY INTERFACE
SDFIO4
04-067
Z MC5D204A1
Y MC5D204A1B A

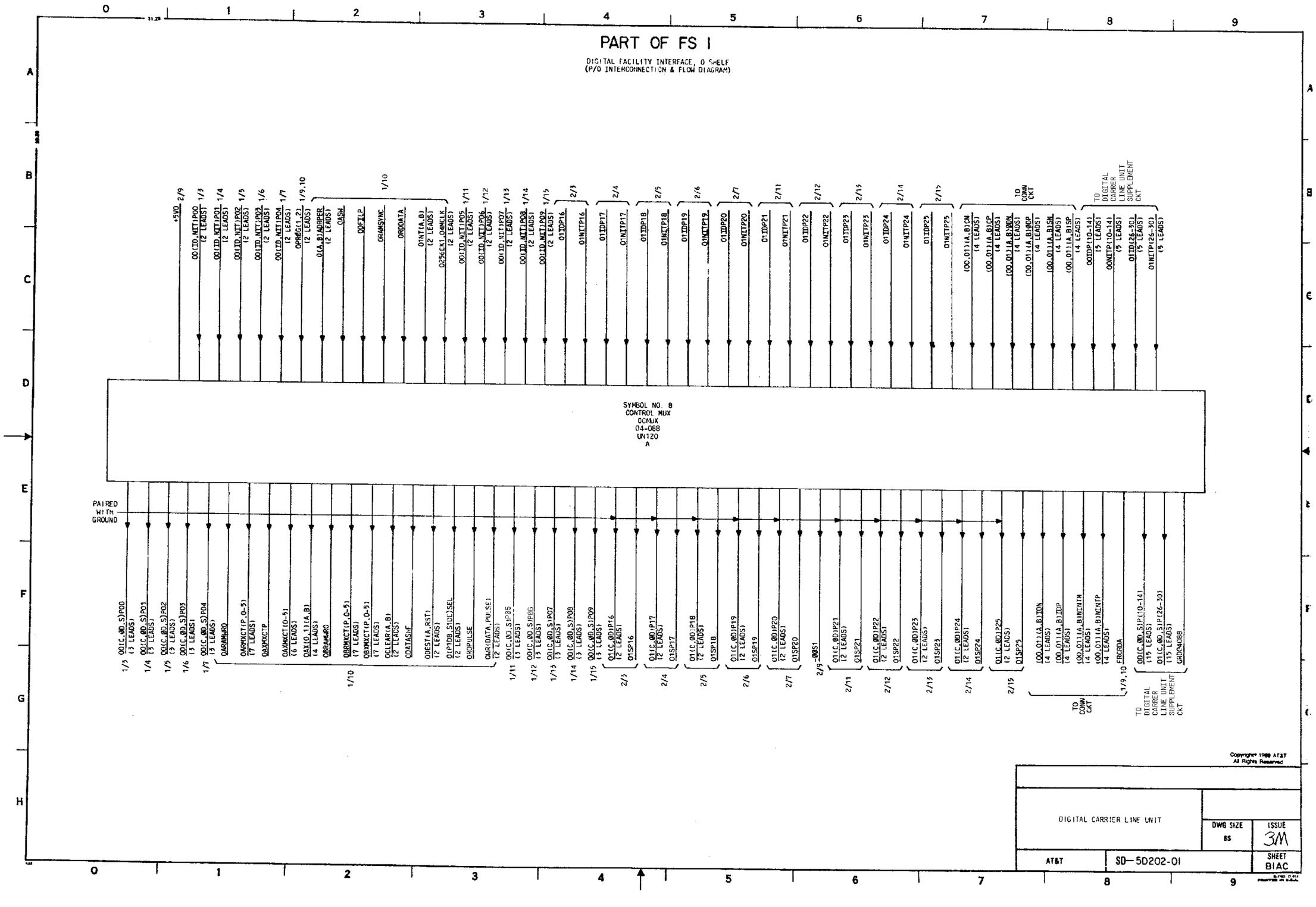
PAIRED WITH GROUND

TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT

DIGITAL CARRIER LINE UNIT	DWG SIZE: 63	ISSUE: 4B
AT&T SD-5D202-01		SHEET: 81AB

PART OF FS 1

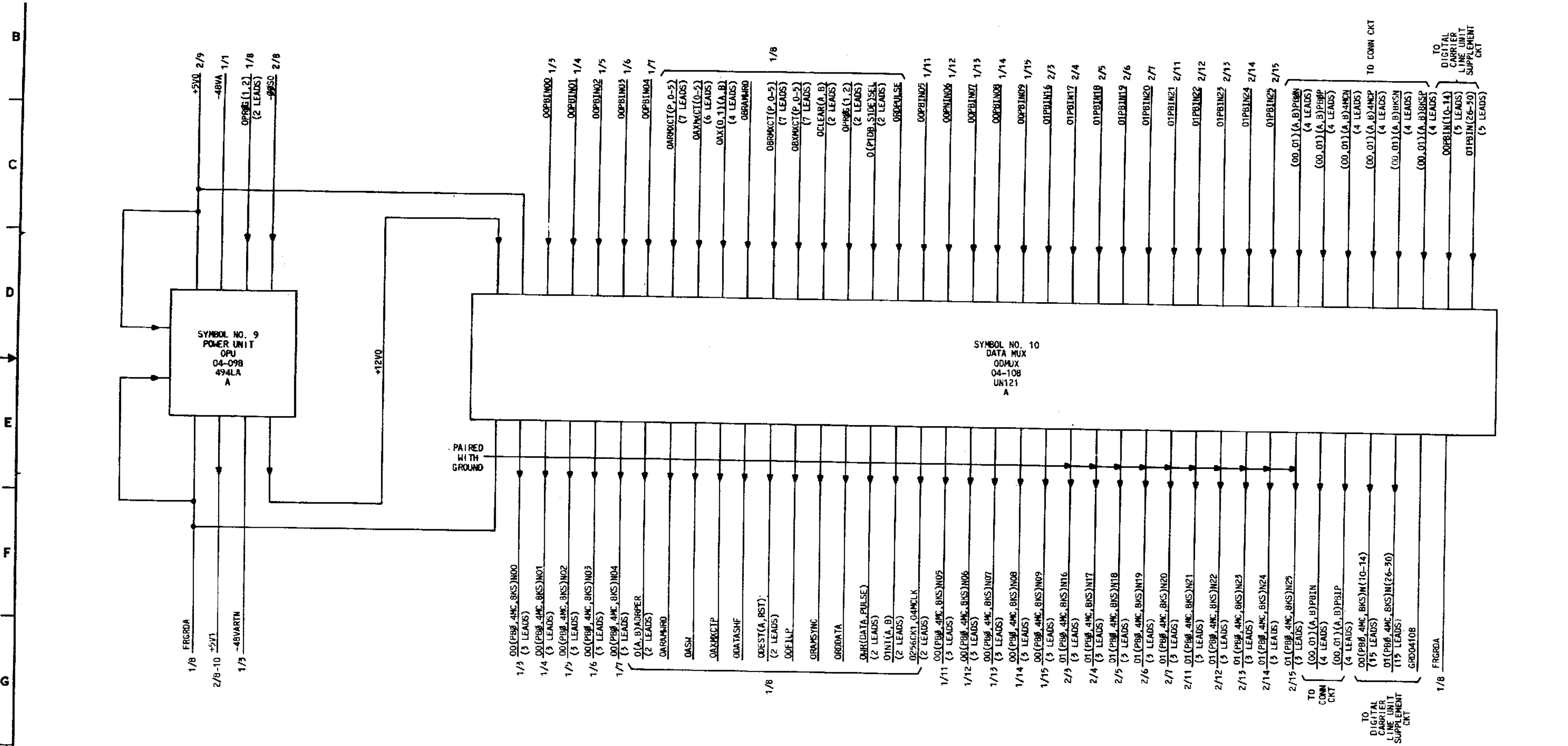
DIGITAL FACILITY INTERFACE, 0 SHELF
(P/O INTERCONNECTION & FLOW DIAGRAM)



DIGITAL CARRIER LINE UNIT		DWG SIZE	ISSUE
		BS	3M
AT&T	SD-5D202-01		SHEET
			B1AC

PART OF FS I

DIGITAL FACILITY INTERFACE, 0 SHELF
(P/O INTERCONNECTION & FLOW DIAGRAM)

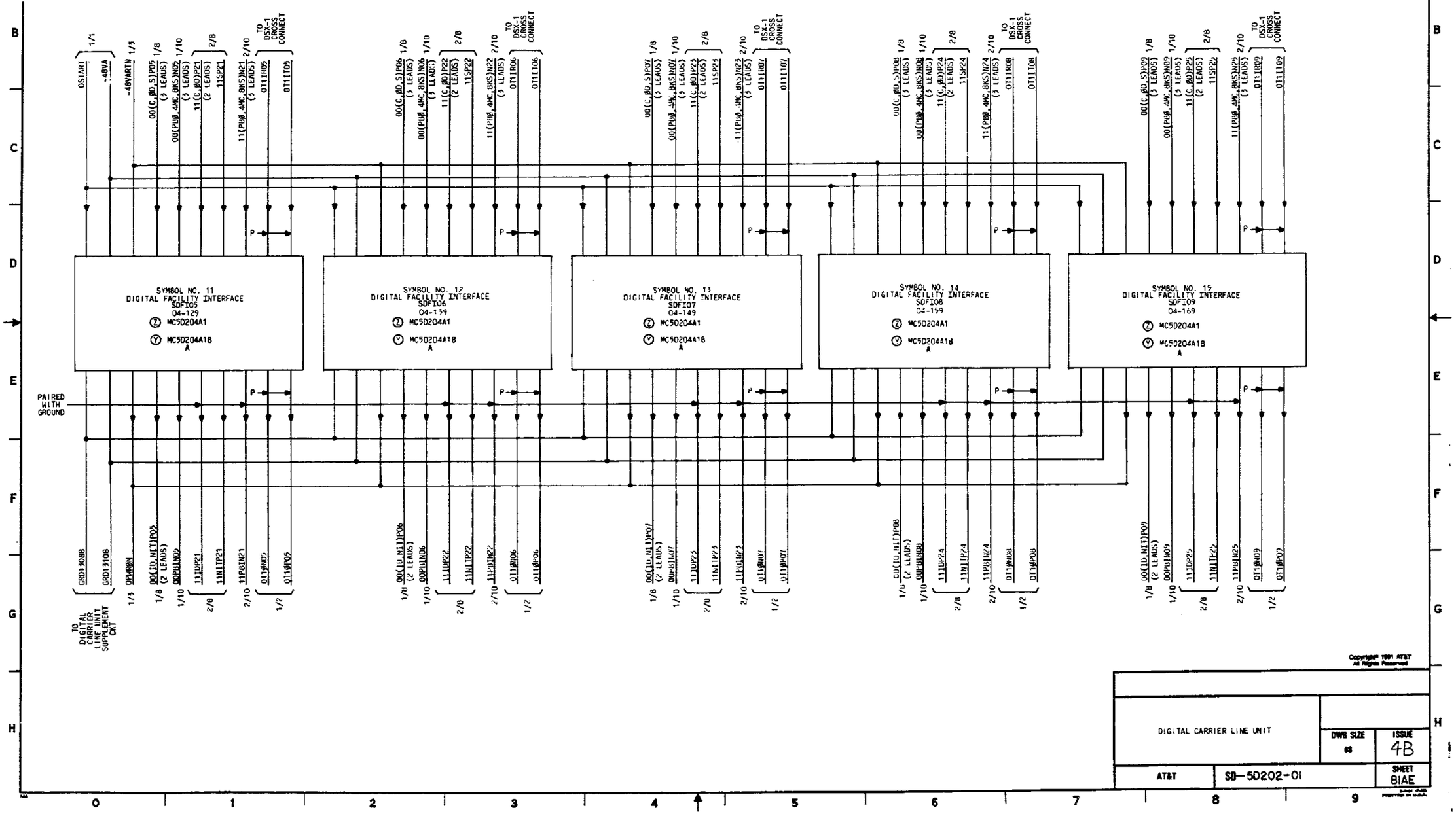


DIGITAL CARRIER LINE UNIT

AT&T	SD-5D202-01	DWG SIZE	ISSUE 3M
			SHEET B1AD

PART OF FS I

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



DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
66	4B

AT&T	SD-5D202-01	SHEET
		B1AE

PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 1

POWER START

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OPWRSTRT	04-010	SN346	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	STARTB	011			
	I	PWR8	111			
-48VA	PWR	-48VB	002		1/1	
	PWR	-48VA	100		1/1	
	PWR	-48VB	102		1/1	
					TO CONN CKT	
	PWR	-48VA	000		1/3,1/4	
					1/5,1/6	
					1/7,1/9	
					1/11,1/12	
					1/13,1/14	
					1/15	
-48VARTN	GRD	-48RTNB	003		1/1	
	GRD	-48RTNA	101		1/1	
	GRD	-48RTNB	103		1/1	
	GRD	-48RTNA	001		1/3,1/4	
					1/5,1/6	
					1/7,1/9	
					1/11,1/12	
					1/13,1/14	
					1/15	
					TO CONN CKT	
OPWRON	I	PWRA	109		1/3	
OSTART	O	STARTA	009		1/3,1/4	
					1/5,1/6	
					1/7,1/11	
					1/12,1/13	
					1/14,1/15	

SYMBOL NO. 2

T1C EQUALIZER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OT1CEQU	04-018	SN215	A	(3)
OT1CEQU	04-018	SN216	A	(4)
OT1CEQU	04-018	SN217	A	(5)
OT1CEQU	04-018	SN218	A	(6)
OT1CEQU	04-018	SN219	A	(7)

LEAD DESIG	FUNC	TERM. MOD	TERM.	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			

SYMBOL NO. 2 (CONT)

T1C EQUALIZER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OT1CEQU	04-018	SN215	A	(3)
OT1CEQU	04-018	SN216	A	(4)
OT1CEQU	04-018	SN217	A	(5)
OT1CEQU	04-018	SN218	A	(6)
OT1CEQU	04-018	SN219	A	(7)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	R12	145			
	I	T12	146			
OT1ON00	I	R1	115		1/3	
OT1ON01	I	R2	117		1/4	
OT1ON02	I	R4	121		1/5	
OT1ON03	I	R5	123		1/6	
OT1ON04	I	R7	134		1/7	
OT1ON05	I	R8	136		1/11	
OT1ON06	I	R10	140		1/12	
OT1ON07	I	R11	142		1/13	
OT1ON08	I	R13	147		1/14	
OT1ON09	I	R14	149		1/15	
OT1OP00	I	T1	116		1/3	
OT1OP01	I	T2	118		1/4	
OT1OP02	I	T4	122		1/5	
OT1OP03	I	T5	124		1/6	
OT1OP04	I	T7	135		1/7	
OT1OP05	I	T8	137		1/11	
OT1OP06	I	T10	141		1/12	
OT1OP07	I	T11	143		1/13	
OT1OP08	I	T13	148		1/14	
OT1OP09	I	T14	150		1/15	
OT1OR00A	O	R1	015		TO DSX-1 CROSS CONNECT	P/OT1OT00A
OT1OR01A	O	R2	017		TO DSX-1 CROSS CONNECT	P/OT1OT01A
OT1OR02A	O	R4	021		TO DSX-1 CROSS CONNECT	P/OT1OT02A
OT1OR03A	O	R5	023		TO DSX-1 CROSS CONNECT	P/OT1OT03A
OT1OR04A	O	R7	034		TO DSX-1 CROSS CONNECT	P/OT1OT04A
OT1OR05A	O	R8	036		TO DSX-1 CROSS CONNECT	P/OT1OT05A
OT1OR06A	O	R10	040		TO DSX-1 CROSS CONNECT	P/OT1OT06A
OT1OR07A	O	R11	042		TO DSX-1 CROSS CONNECT	P/OT1OT07A
OT1OR08A	O	R13	047		TO DSX-1 CROSS CONNECT	P/OT1OT08A
OT1OR09A	O	R14	049		TO DSX-1 CROSS CONNECT	P/OT1OT09A
OT1OT00A	O	T1	016		TO DSX-1 CROSS CONNECT	P/OT1OR00A
OT1OT01A	O	T2	018		TO DSX-1 CROSS CONNECT	P/OT1OR01A
OT1OT02A	O	T4	022		TO DSX-1 CROSS CONNECT	P/OT1OR02A
OT1OT03A	O	T5	024		TO DSX-1 CROSS CONNECT	P/OT1OR03A
OT1OT04A	O	T7	035		TO DSX-1 CROSS CONNECT	P/OT1OR04A
OT1OT05A	O	T8	037		TO DSX-1 CROSS CONNECT	P/OT1OR05A
OT1OT06A	O	T10	041		TO DSX-1 CROSS CONNECT	P/OT1OR06A
OT1OT07A	O	T11	043		TO DSX-1 CROSS CONNECT	P/OT1OR07A
OT1OT08A	O	T13	048		TO DSX-1 CROSS CONNECT	P/OT1OR08A
OT1OT09A	O	T14	050		TO DSX-1 CROSS CONNECT	P/OT1OR09A

SYMBOL NO. 3

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI00	04-027	MC5D204A1	A	(Z)
SDFI00	04-027	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	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	OA8	020			
	I	OA9	021			
	I	OA10	022			
	I	OA11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	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	D8DIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V04027	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VA	PWR	-48IN	000		1/1	
	PWR	-48IN	100		1/1	
	PWR	-48IN	200		1/1	
-48VARTN	PWR	-48RTN	001		1/1	
	PWR	-48RTN	101		1/1	
	PWR	-48RTN	201		1/1	
GRD04027	I	LIRST	018			
	GRD	GRD	003		TO DSX-1 CROSS CONNECT	
	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			

SYMBOL NO. 3 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI00	04-027	MC5D204A1	A	(Z)
SDFI00	04-027	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
GRD13088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD13108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
OPWRON	OT	PWRON	009		1/4,1/5	
					1/6,1/7	
					1/11,1/12	
					1/13,1/14	
					1/15	
	I				1/1	
OSTART	I	START	109		1/1	
OT11R00	I	LIN	032		TO DSX-1 CROSS CONNECT	P/OT11T00
OT11T00	I	LIP	132		TO DSX-1 CROSS CONNECT	P/OT11R00
OT1ON00	O	LON	024		1/2	P/OT1OP00
OT1OP00	O	LOP	124		1/2	P/OT1ON00
00CP00	I	0CP	148		1/8	
00IDP00	O	0IDP	150		1/8	
00NITP00	O	0NINTP	146		1/8	
0000P00	I	00DP	149		1/8	
00PBIN00	O	0PBIN	137		1/10	
00PBON00	I	0PBON	136		1/10	
00SP00	I	0SP	147		1/8	
004MCN00	I	04MCN	139		1/10	
008KSN00	I	08KSN	138		1/10	
11CP16	I	1CP	154		2/8	
11IDP16	O	11DP	156		2/8	P/GRD04027

PART OF FS 1

SYMBOL(S) 1 2 3

DIGITAL CARRIER LINE UNIT	DWG SIZE D2	ISSUE 4B
AT&T	SD-5D202-01	B1CA

PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 3 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI00	04-027	MC5D204A1	A	(Z)
SDFI00	04-027	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
11NITP16	O	1KINTP	152		2/8	
1100P16	I	100P	155		2/8	
11P8IN16	O	1P8IN	141		2/10	P/GRD04027
11P8ON16	I	1P8ON	140		2/10	
11SP16	I	1SP	153		2/8	
114MCN16	I	14MCN	143		2/10	
118KSN16	I	18KSN	142		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 4

DIGITAL FACILITY INTERFACE

DESIG.	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI01	04-037	MC5D204A1	A	(Z)
SDFI01	04-037	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	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	AD84	120			
	I	AD85	121			
	I	AD86	122			
	I	AD87	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	AD80	220			
	I	AD81	221			
	I	AD82	222			
	I	AD83	223			
	I	ERD	233			

SYMBOL NO. 4 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI01	04-037	MC5D204A1	A	(Z)
SDFI01	04-037	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	DBDIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V04037	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VA	PWR	-48IN	000		1/1	
	PWR	-48IN	100		1/1	
	PWR	-48IN	200		1/1	
-48VARTN	PWR	-48RTN	001		1/1	
	PWR	-48RTN	101		1/1	
	PWR	-48RTN	201		1/1	
GRD04037	I	LIRST	018			
	GRD	GRD	003			
	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			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
GRD13088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD13108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
OFJRON	OT	PWRON	009		1/3	
OSTART	I	START	109		1/1	
OT1IR01	I	LIN	032		TO DSX-1 CROSS CONNECT	P/OT1IT01
OT1IT01	I	LIP	132		TO DSX-1 CROSS CONNECT	P/OT1IR01
OT1OND1	O	LON	024		1/2	P/OT1OP01

SYMBOL NO. 4 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI01	04-037	MC5D204A1	A	(Z)
SDFI01	04-037	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0T1DP01	O	LOP	124		1/2	P/0T1ONO1
00CP01	I	0CP	148		1/8	
00IDP01	O	0IDP	150		1/8	
00NITP01	O	0NINTP	146		1/8	
00ODP01	I	0ODP	149		1/8	
00P8IN01	O	0P8IN	137		1/10	
00P8ON01	I	0P8ON	136		1/10	
00SP01	I	0SP	147		1/8	
004MCN01	I	04MCN	139		1/10	
008KSN01	I	08KSN	138		1/10	
11CP17	I	1CP	154		2/8	
11IDP17	O	1IDP	156		2/8	P/GRD04037
11NITP17	O	1KINTP	152		2/8	
1100P17	I	100P	155		2/8	
11P8IN17	O	1P8IN	141		2/10	P/GRD04037
11P8ON17	I	1P8ON	140		2/10	
11SP17	I	1SP	153		2/8	
114MCN17	I	14MCN	143		2/10	
118KSN17	I	18KSN	142		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 5

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI02	04-047	MC5D204A1	A	(Z)
SDFI02	04-047	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	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	AD84	120			

SYMBOL NO. 5 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI02	04-047	MC5D204A1	A	(Z)
SDFI02	04-047	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	AD85	121			
	I	AD86	122			
	I	AD87	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	AD80	220			
	I	AD81	221			
	I	AD82	222			
	I	AD83	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			
+5V04047	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VA	PWR	-48IN	000		1/1	
	PWR	-48IN	100		1/1	
	PWR	-48IN	200		1/1	
-48VARTN	PWR	-48RTN	001		1/1	
	PWR	-48RTN	101		1/1	
	PWR	-48RTN	201		1/1	
GRD04047	I	LIRST	018			
	GRD	GRD	003			
	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			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			

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SYMBOL(S) 3 4 5

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
C2	4B

AT&T	SD-5D202-01	B1CB

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PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 5 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDF102	04-047	MC5D204A1	A	(Z)
SDF102	04-047	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
GRD13088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD13108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
0PWRON	OT	PWRON	009		1/3	
0START	I	START	109		1/1	
0T11R02	I	LIN	032		TO DSX-1 CROSS CONNECT	P/0T11T02
0T11T02	I	LIP	132		TO DSX-1 CROSS CONNECT	P/0T11R02
0T10N02	O	LON	024		1/2	P/0T10P02
0T10P02	O	LOP	124		1/2	P/0T10N02
00CP02	I	0CP	148		1/8	
00IDP02	O	0IDP	150		1/8	
00NITP02	O	0NINTP	146		1/8	
00ODP02	I	0ODP	149		1/8	
00PBIN02	O	0PBIN	137		1/10	
00PBON02	I	0PBON	136		1/10	
00SP02	I	0SP	147		1/8	
004MCN02	I	04MCN	139		1/10	
008KSN02	I	08KSN	138		1/10	
11CP18	I	1CP	154		2/8	
11IDP18	O	1IDP	156		2/8	P/GRD04047
11NITP18	O	1KINTP	152		2/8	
11ODP18	I	1ODP	155		2/8	
11PBIN18	O	1PBIN	141		2/10	P/GRD04047
11PBON18	I	1PBON	140		2/10	
11SP18	I	1SP	153		2/8	
114MCN18	I	14MCN	143		2/10	
118KSN18	I	18KSN	142		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 6

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDF103	04-057	MC5D204A1	A	(Z)
SDF103	04-057	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	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	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			
+5V04057	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VA	PWR	-48IN	000			1/1
	PWR	-48IN	100			1/1
	PWR	-48IN	200			1/1
-48VARTN	PWR	-48RTN	001			1/1
	PWR	-48RTN	101			1/1
	PWR	-48RTN	201			1/1
GRD04057	I	L1RST	018			
	GRD	GRD	003			
	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			

SYMBOL NO. 6 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDF103	04-057	MC5D204A1	A	(Z)
SDF103	04-057	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	218			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
GRD13088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD13108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
0PWRON	OT	PWRON	009		1/3	
0START	I	START	109		1/1	
0T11R03	I	LIN	032		TO DSX-1 CROSS CONNECT	P/0T11T03
0T11T03	I	LIP	132		TO DSX-1 CROSS CONNECT	P/0T11R03
0T10N03	O	LON	024		1/2	P/0T10P03
0T10P03	O	LOP	124		1/2	P/0T10N03
00CP03	I	0CP	148		1/8	
00IDP03	O	0IDP	150		1/8	
00NITP03	O	0NINTP	146		1/8	
00ODP03	I	0ODP	149		1/8	
00PBIN03	O	0PBIN	137		1/10	
00PBON03	I	0PBON	136		1/10	
00SP03	I	0SP	147		1/8	
004MCN03	I	04MCN	139		1/10	
008KSN03	I	08KSN	138		1/10	
11CP19	I	1CP	154		2/8	
11IDP19	O	1IDP	156		2/8	P/GRD04057
11NITP19	O	1KINTP	152		2/8	
11ODP19	I	1ODP	155		2/8	
11PBIN19	O	1PBIN	141		2/10	P/GRD04057
11PBON19	I	1PBON	140		2/10	
11SP19	I	1SP	153		2/8	
114MCN19	I	14MCN	143		2/10	
118KSN19	I	18KSN	142		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

PART OF FS 1

SYMBOL(S) 5 6

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
C2	4B

AT&T | SD-5D202-01 | B1CC

PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 7

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI04	04-067	MC5D204A1	A	(Z)
SDFI04	04-067	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	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	Z05			
	O	+5A	Z06			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	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			
+5V04067	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VA	PWR	-48IN	000			1/1
	PWR	-48IN	100			1/1
	PWR	-48IN	200			1/1
-48VARTN	PWR	-48RTN	001			1/1
	PWR	-48RTN	101			1/1
	PWR	-48RTN	201			1/1
GRD04067	I	LIRST	018			
	GRD	GRD	003			
	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			

SYMBOL NO. 7 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI04	04-067	MC5D204A1	A	(Z)
SDFI04	04-067	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	218			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
GRD13088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD13108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
OPWRON	OT	PWRON	009		1/3	
OSTART	I	START	109		1/1	
OT1IR04	I	LIN	032		TO DSX-1 CROSS CONNECT	P/OT1IT04
OT1IT04	I	LIP	132		TO DSX-1 CROSS CONNECT	P/OT1IR04
OT1ON04	O	LON	024		1/2	P/OT1OP04
OT1OP04	O	LOP	124		1/2	P/OT1ON04
00CP04	I	0CP	148		1/8	
00IDP04	O	0IDP	150		1/8	
00NITP04	O	0NINTP	146		1/8	
000DP04	I	0ODP	149		1/8	
00PBIN04	O	0PBIN	137		1/10	
00PBON04	I	0PBON	136		1/10	
00SP04	I	0SP	147		1/8	
004MCN04	I	04MCN	139		1/10	
008KSN04	I	08KSN	138		1/10	
11CP20	I	1CP	154		2/8	
11IDP20	O	1IDP	156		2/8	P/GRD04067
11NITP20	O	1KINTP	152		2/8	
11ODP20	I	1ODP	155		2/8	
11PBIN20	O	1PBIN	141		2/10	P/GRD04067
11PBON20	I	1PBON	140		2/10	
11SP20	I	1SP	153		2/8	
114MCN20	I	14MCN	143		2/10	
118KSN20	I	18KSN	142		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 8

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0CMUX	04-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	I	TP	032			
	GRD	GRD	212			
	GRD	GRD	452			
+5V0	PWR	+5	000		Z/9	
	PWR	+5	100		Z/9	
	PWR	+5	200		Z/9	
	PWR	+5	300		Z/9	
	PWR	+5	400		Z/9	
	PWR	+5	500		Z/9	
-0DS1	O	0SS	221		Z/9	
FRGRDA	GRD	GRD	001		1/9,1/10	
					1/9 TO CONN CKT	
GRD04088	GRD	GRD	005		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	011			
	GRD	GRD	018			
	GRD	GRD	024			
	GRD	GRD	101			NOTE 1
	GRD	GRD	112			NOTE 1
	GRD	GRD	115			
	GRD	GRD	121			
	GRD	GRD	145			
	GRD	GRD	151			
	GRD	GRD	201			NOTE 1
	GRD	GRD	215			NOTE 1
	GRD	GRD	234			NOTE 1
	GRD	GRD	256			
	GRD	GRD	301			NOTE 1
	GRD	GRD	312			NOTE 1
	GRD	GRD	315			
	GRD	GRD	340			NOTE 1
	GRD	GRD	401			NOTE 1
	GRD	GRD	412			NOTE 1
	GRD	GRD	415			NOTE 1
	GRD	GRD	421			NOTE 1
	GRD	GRD	434			
	GRD	GRD	436			NOTE 1
	GRD	GRD	438			
	GRD	GRD	442			
	GRD	GRD	444			
	GRD	GRD	446			
	GRD	GRD	448			
	GRD	GRD	450			
	GRD	GRD	454			
	GRD	GRD	456			
	GRD	GRD	501			NOTE 1
	GRD	GRD	506			
	GRD	GRD	513			
	GRD	GRD	519			
	GRD	GRD	532			
	GRD	GRD	538			
	GRD	GRD	545			
	GRD	GRD	551			
0AADRPER	I	AADRPER	113		1/10	
0ARAMWR0	OT	ARAMWR0	332		1/10	
0ARMXCTP	O	ARMUXCTP	544		1/10	
0ARMXCT0	O	ARMUXCT0	356		1/10	
0ARMXCT1	O	ARMUXCT1	455		1/10	
0ARMXCT2	O	ARMUXCT2	453		1/10	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0CMUX	04-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0ARMXCT3	O	ARMUXCT3	451		1/10	
0ARMXCT4	O	ARMUXCT4	449		1/10	
0ARMXCT5	O	ARMUXCT5	447		1/10	
0ASW	I	ASW	132		1/10	
0AXMXCTP	OT	AXMUXCTP	232		1/10	
0AXMXCT0	O	AXMUXCT0	124		1/10	
0AXMXCT1	O	AXMUXCT1	123		1/10	
0AXMXCT2	O	AXMUXCT2	122		1/10	
0AXMXCT3	O	AXMUXCT3	222		1/10	
0AXMXCT4	O	AXMUXCT4	223		1/10	
0AXMXCT5	O	AXMUXCT5	224		1/10	
0AX0A	O	AX0A	045		1/10	
0AX0B	O	AX0B	504		1/10	
0AX1A	O	AX1A	051		1/10	
0AX1B	O	AX1B	004		1/10	
0BADRPER	I	BADRPER	114		1/10	
0BRAMWR0	O	BRAMWR0	333		1/10	
0BRMXCTP	O	BRMUXCTP	435		1/10	
0BRMXCT0	O	BRMUXCT0	445		1/10	
0BRMXCT1	O	BRMUXCT1	443		1/10	
0BRMXCT2	O	BRMUXCT2	441		1/10	
0BRMXCT3	O	BRMUXCT3	440		1/10	
0BRMXCT4	O	BRMUXCT4	439		1/10	
0BRMXCT5	O	BRMUXCT5	437		1/10	
0BXMXCTP	O	BXMUXCTP	432		1/10	
0BXMXCT0	O	BXMUXCT0	324		1/10	
0BXMXCT1	O	BXMUXCT1	323		1/10	
0BXMXCT2	O	BXMUXCT2	322		1/10	
0BXMXCT3	O	BXMUXCT3	422		1/10	
0BXMXCT4	O	BXMUXCT4	423		1/10	
0BXMXCT5	O	BXMUXCT5	424		1/10	
0CLEARA	O	CLEARA	314		1/10	
0CLEARB	O	CLEARB	313		1/10	
0DATASHF	OT	DATASHFT	240		1/10	
0DESTAX	OT	DESTAX	433		1/10	
0DESTRST	OT	DESTRST	235		1/10	
0DFILP	I	DFILP	505		1/10	
0PROG1	I	PROG1	503		1/9,1/10	
0PROG2	I	PROG2	003		1/9,1/10	
0P1DBSEL	O	P1DBSEL	213		1/10	
0RAMSYNC	I	RAMSYNC	334		1/10	
0RDDATA	I	RDDATA	512		1/10	
0RDPULSE	O	RDPULSE	012		1/10	
0S1DESEL	O	S1DESEL	214		1/10	
0WRDATA	OT	WRDATA	144		1/10	
0WRPULSE	OT	WRPULSE	044		1/10	
00ACN	I	0ACN	048		TO CONN CKT	
00ACP	I	0ACP	148		TO CONN CKT	
00AIDN	O	0AIDN	050		TO CONN CKT	
00AIDP	O	0AIDP	150		TO CONN CKT	

PART OF FS 1
SYMBOL(S) 7 8

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
D2	4B

AT&T	SD-5D202-01	B1CD

PRINTED IN U.S.A.

PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG: OCMUX | EQPT LOC: 04-088 | CODE: UN120 | ELEM IDENT: A | OPT:

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
00ANINTM	O	0ANINTN	046		TO CONN CKT	
00ANINTP	O	0ANINTP	146		TO CONN CKT	
00AODN	I	0ADN	049		TO CONN CKT	
00AODP	I	0ADP	149		TO CONN CKT	
00ASN	I	0ASN	047		TO CONN CKT	
00ASP	I	0ASP	147		TO CONN CKT	
00BCN	I	0BCN	035		TO CONN CKT	
00BCP	I	0BCP	135		TO CONN CKT	
00BION	O	0BION	037		TO CONN CKT	
00BIDP	O	0BIDP	137		TO CONN CKT	
00BNINTN	O	0BNINTN	033		TO CONN CKT	
00BNINTP	O	0BNINTP	133		TO CONN CKT	
00BODN	I	0BODN	036		TO CONN LKT	
00BODP	I	0BODP	136		TO CONN CKT	
00BSN	I	0BSN	034		TO CONN CKT	
00BSP	I	0BSP	134		TO CONN CKT	
00CP00	O	C0	109		1/3	
00CP01	O	C1	118		1/4	
00CP02	O	C2	243		1/5	
00CP03	O	C3	253		1/6	
00CP04	O	C4	248		1/7	
00CP05	O	C5	348		1/11	
00CP06	O	C6	353		1/12	
00CP07	O	C7	343		1/13	
00CP08	O	C8	318		1/14	
00CP09	O	C9	309		1/15	
00CP10	O	C10	008		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00CP11	O	C11	015		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00CP12	O	C12	021		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00CP13	O	C13	548		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00CP14	O	C14	554		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00IDP00	I	R0	111		1/3	
00IDP01	I	R1	120		1/4	
00IDP02	I	R2	245		1/5	
00IDP03	I	R3	255		1/6	
00IDP04	I	R4	250		1/7	
00IDP05	I	R5	350		1/11	
00IDP06	I	R6	355		1/12	
00IDP07	I	R7	345		1/13	
00IDP08	I	R8	320		1/14	
00IDP09	I	R9	311		1/15	
00IDP10	I	R10	006		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00IDP11	I	R11	013		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG: OCMUX | EQPT LOC: 04-088 | CODE: UN120 | ELEM IDENT: A | OPT:

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
00IDP12	I	R12	019		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00IDP13	I	R13	550		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00IDP14	I	R14	556		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00NITP00	I	I0	107		1/3	
00NITP01	I	I1	116		1/4	
00NITP02	I	I2	241		1/5	
00NITP03	I	I3	251		1/6	
00NITP04	I	I4	246		1/7	
00NITP05	I	I5	346		1/11	
00NITP06	I	I6	351		1/12	
00NITP07	I	I7	341		1/13	
00NITP08	I	I8	316		1/14	
00NITP09	I	I9	307		1/15	
00NITP10	I	I10	010		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00NITP11	I	I11	017		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00NITP12	I	I12	023		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00NITP13	I	I13	546		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00NITP14	I	I14	552		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
000DP00	O	00	110		1/3	
000DP01	O	01	119		1/4	
000DP02	O	02	244		1/5	
000DP03	O	03	254		1/6	
000DP04	O	04	249		1/7	
000DP05	O	05	349		1/11	
000DP06	O	06	354		1/12	
000DP07	O	07	344		1/13	
000DP08	O	08	319		1/14	
000DP09	O	09	310		1/15	
000DP10	O	010	007		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
000DP11	O	011	014		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
000DP12	O	012	020		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
000DP13	O	013	549		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
000DP14	O	014	555		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG: OCMUX | EQPT LOC: 04-088 | CODE: UN120 | ELEM IDENT: A | OPT:

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
00SP00	O	S0	108		1/3	
00SP01	O	S1	117		1/4	
00SP02	O	S2	242		1/5	
00SP03	O	S3	252		1/6	
00SP04	O	S4	247		1/7	
00SP05	O	S5	347		1/11	
00SP06	O	S6	352		1/12	
00SP07	O	S7	342		1/13	
00SP08	O	S8	317		1/14	
00SP09	O	S9	308		1/15	
00SP10	O	S10	009		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00SP11	O	S11	016		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00SP12	O	S12	022		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00SP13	O	S13	547		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00SP14	O	S14	553		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01ACN	I	1ACN	054		TO CONN CKT	
01ACP	I	1ACP	154		TO CONN CKT	
01AION	O	1AION	056		TO CONN CKT	
01AIDP	O	1AIDP	156		TO CONN CKT	
01ANINTN	O	1ANINTN	052		TO CONN CKT	
01ANINTP	O	1ANINTP	152		TO CONN CKT	
01AODN	I	1AODN	055		TO CONN CKT	
01AODP	I	1AODP	155		TO CONN CKT	
01ASN	I	1ASN	053		TO CONN CKT	
01ASP	I	1ASP	153		TO CONN CKT	
01BCN	I	1BCN	041		TO CONN CKT	
01BCP	I	1BCP	141		TO CONN CKT	
01BIDN	O	1BION	043		TO CONN CKT	
01BIDP	O	1BIDP	143		TO CONN CKT	
01BNINTN	O	1BNINTN	039		TO CONN CKT	
01BNINTP	O	1BNINTP	139		TO CONN CKT	
01BODN	I	1BODN	042		TO CONN CKT	
01BODP	I	1BODP	142		TO CONN CKT	
01BSN	I	1BSN	040		TO CONN CKT	
01BSP	I	1BSP	140		TO CONN CKT	
01CP16	O	C16	104		2/3	P/GRD04088
01CP17	O	C17	204		2/4	P/GRD04088
01CP18	O	C18	209		2/5	P/GRD04088
01CP19	O	C19	218		2/6	P/GRD04088
01CP20	O	C20	237		2/7	P/GRD04088
01CP21	O	C21	337		2/11	P/GRD04088
01CP22	O	C22	418		2/12	P/GRD04088
01CP23	O	C23	409		2/13	P/GRD04088
01CP24	O	C24	404		2/14	P/GRD04088
01CP25	O	C25	304		2/15	P/GRD04088
01CP26	O	C26	509		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01CP27	O	C27	516		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG: OCMUX | EQPT LOC: 04-088 | CODE: UN120 | ELEM IDENT: A | OPT:

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
01CP28	O	C28	522		CKT	
01CP29	O	C29	535		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01CP30	O	C30	541		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01IDP16	I	R16	106		2/3	
01IDP17	I	R17	206		2/4	
01IDP18	I	R18	211		2/5	
01IDP19	I	R19	220		2/6	
01IDP20	I	R20	239		2/7	
01IDP21	I	R21	339		2/11	
01IDP22	I	R22	420		2/12	
01IDP23	I	R23	411		2/13	
01IDP24	I	R24	406		2/14	
01IDP25	I	R25	306		2/15	
01IDP26	I	R26	511		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01IDP27	I	R27	518		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01IDP28	I	R28	524		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01IDP29	I	R29	537		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01IDP30	I	R30	543		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01NITP16	I	I16	102		2/3	
01NITP17	I	I17	202		2/4	
01NITP18	I	I18	207		2/5	
01NITP19	I	I19	216		2/6	
01NITP20	I	I20	235		2/7	
01NITP21	I	I21	335		2/11	
01NITP22	I	I22	416		2/12	
01NITP23	I	I23	407		2/13	
01NITP24	I	I24	402		2/14	
01NITP25	I	I25	302		2/15	
01NITP26	I	I26	507		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT	

PART OF FS 1

SYMBOL(S) 8

DIGITAL CARRIER LINE UNIT

DWG SIZE: D2 | ISSUE: 3M

AT&T | SD-5D202-01 | B1CE

PRINTED IN U.S.A.

PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OCMUX	04-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
01NITP27	I	I27	514		CKT TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01NITP28	I	I28	520		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01NITP29	I	I29	533		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01NITP30	I	I30	539		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01NTA	I	INTA	414		1/10	
01NTB	I	INTB	413		1/10	
010DP16	O	016	105		2/3	P/GRD04088
010DP17	O	017	205		2/4	P/GRD04088
010DP18	O	018	210		2/5	P/GRD04088
010DP19	O	019	219		2/6	P/GRD04088
010DP20	O	020	238		2/7	P/GRD04088
010DP21	O	021	338		2/11	P/GRD04088
010DP22	O	022	419		2/12	P/GRD04088
010DP23	O	023	410		2/13	P/GRD04088
010DP24	O	024	405		2/14	P/GRD04088
010DP25	O	025	305		2/15	P/GRD04088
010DP26	O	026	510		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
010DP27	O	027	517		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
010DP28	O	028	523		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
010DP29	O	029	536		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
010DP30	O	030	542		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01SP16	O	S16	103		2/3	
01SP17	O	S17	203		2/4	
01SP18	O	S18	208		2/5	
01SP19	O	S19	217		2/6	
01SP20	O	S20	236		2/7	
01SP21	O	S21	336		2/11	
01SP22	O	S22	417		2/12	
01SP23	O	S23	408		2/13	
01SP24	O	S24	403		2/14	
01SP25	O	S25	303		2/15	
01SP26	O	S26	508		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01SP27	O	S27	515		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01SP28	O	S28	521		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OCMUX	04-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
01SP29	O	S29	534		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01SP30	O	S30	540		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
0256CK1	I	256CK	002		1/10	
04MELK	I	4MELK	502		1/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 9

POWER UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OPU	04-098	494LA	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	INT	012			
	O	ALM2	014			
	O	INT	112			
	O	ALM1	113			
	I	RS4	010			
	I	RS1	011			
	I	SC(+)	019			
	I	SB(+)	118			
+12V0	OT	VOUT2(+)	123		1/9	
	OT	VOUT2(+)	124		1/9	
	OT	VOUT2(+)	024			
	I				1/10	
+5V0	PWR	VOUT1(+)	045		2/9	
	PWR	VOUT1(+)	046		2/9	
	PWR	VOUT1(+)	047		2/9	
	PWR	VOUT1(+)	048		2/9	
	PWR	VOUT1(+)	049		2/9	
	PWR	VOUT1(+)	050		2/9	
	PWR	VOUT1(+)	051		2/9	
	PWR	VOUT1(+)	052		2/9	
	PWR	VOUT1(+)	053		2/9	
	PWR	VOUT1(+)	054		2/9	
	PWR	VOUT1(+)	055		2/9	
	PWR	VOUT1(+)	056		2/9	
	PWR	VOUT1(+)	145		2/9	
	PWR	VOUT1(+)	146		2/9	
	PWR	VOUT1(+)	147		2/9	
	PWR	VOUT1(+)	148		2/9	
	PWR	VOUT1(+)	149		2/9	
	PWR	VOUT1(+)	150		2/9	
	PWR	VOUT1(+)	151		2/9	

SYMBOL NO. 9 (CONT)

POWER UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OPU	04-098	494LA	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PWR	VOUT1(+)	152		2/9	
	PWR	VOUT1(+)	153		2/9	
	PWR	VOUT1(+)	154		2/9	
	PWR	VOUT1(+)	155		2/9	
	PWR	VOUT1(+)	156		2/9	
	I	SA(+)	018		2/9	
+5V1	O	OOS(+)	015		2/8,2/9	
					2/10	
					2/9	
-OOS0	I	OOS(-)	115		2/8	
-48VA	PWR	VIN(-)	006		1/1	
	PWR	VIN(-)	007		1/1	
	PWR	VIN(-)	008		1/1	
	PWR	VIN(-)	106		1/1	
	PWR	VIN(-)	107		1/1	
	PWR	VIN(-)	108		1/1	
-48VARTN	GRD	VIN(+)	003		1/1	
	GRD	VIN(+)	004		1/1	
	GRD	VIN(+)	005		1/1	
	GRD	VIN(+)	102		1/1	
	GRD	VIN(+)	103		1/1	
	GRD	VIN(+)	104		1/1	
FRGRDA	I	VOUT2(-)	022		1/8	
	I	VOUT2(-)	023		1/8	
	I	S(-)	119		1/8	
	I	VOUT2(-)	122		1/8	
	GRD	FRGRD	000		1/8	
	GRD	FRGRD	001		1/8	
	GRD	FRGRD	100		1/8	
	GRD	FRGRD	101		1/8	
GRD04098	GRD	VOUT1(-)	032			
	GRD	VOUT1(-)	033			
	GRD	VOUT1(-)	034			
	GRD	VOUT1(-)	035			
	GRD	VOUT1(-)	036			
	GRD	VOUT1(-)	037			
	GRD	VOUT1(-)	038			
	GRD	VOUT1(-)	039			
	GRD	VOUT1(-)	040			
	GRD	VOUT1(-)	041			
	GRD	VOUT1(-)	042			
	GRD	VOUT1(-)	043			
	GRD	VOUT1(-)	132			
	GRD	VOUT1(-)	133			
	GRD	VOUT1(-)	134			
	GRD	VOUT1(-)	135			
	GRD	VOUT1(-)	136			
	GRD	VOUT1(-)	137			
	GRD	VOUT1(-)	138			
	GRD	VOUT1(-)	139			
	GRD	VOUT1(-)	140			
	GRD	VOUT1(-)	141			
	GRD	VOUT1(-)	142			
	GRD	VOUT1(-)	143			
OPROG1	I	CP(+)	017		1/8	
OPROG2	I	CP(-)	117		1/8	
OSPPW	I	RS3	109			
	I	RS2	110			

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SYMBOL(S) 8 9

DIGITAL CARRIER LINE UNIT

DWG SIZE: IZ

ISSUE: 3M

AT&T | SD-5D202-01 | B1CF

PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 10

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
ODMUX	04-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+12V0	I	+12VDC	405		1/9	
+5V0	PWR	+5VDC	000		2/9	
	PWR	+5VDC	100		2/9	
	PWR	+5VDC	200		2/9	
	PWR	+5VDC	300		2/9	
	PWR	+5VDC	400		2/9	
	PWR	+5VDC	500		2/9	
FRGRDA	GRD	GRD	501		1/8	
GRD04108	GRD	GRD	001		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	003			
	GRD	GRD	012			
	GRD	GRD	044			
	GRD	GRD	048			
	GRD	GRD	101			
	GRD	GRD	102			
	GRD	GRD	105			
	GRD	GRD	107			
	GRD	GRD	109			NOTE 1
	GRD	GRD	111			NOTE 1
	GRD	GRD	113			
	GRD	GRD	115			
	GRD	GRD	117			NOTE 1
	GRD	GRD	119			NOTE 1
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	144			
	GRD	GRD	148			
	GRD	GRD	201			
	GRD	GRD	207			
	GRD	GRD	216			
	GRD	GRD	232			
	GRD	GRD	234			
	GRD	GRD	236			
	GRD	GRD	238			
	GRD	GRD	240			
	GRD	GRD	242			
	GRD	GRD	250			NOTE 1
	GRD	GRD	252			NOTE 1
	GRD	GRD	254			NOTE 1
	GRD	GRD	256			
	GRD	GRD	301			NOTE 1
	GRD	GRD	307			
	GRD	GRD	316			
	GRD	GRD	344			
	GRD	GRD	348			
	GRD	GRD	401			
	GRD	GRD	404			
	GRD	GRD	406			
	GRD	GRD	408			NOTE 1
	GRD	GRD	410			NOTE 1
	GRD	GRD	412			NOTE 1
	GRD	GRD	414			
	GRD	GRD	416			
	GRD	GRD	418			
	GRD	GRD	420			NOTE 1
	GRD	GRD	422			
	GRD	GRD	424			

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
ODMUX	04-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	433			
	GRD	GRD	435			
	GRD	GRD	437			
	GRD	GRD	439			NOTE 1
	GRD	GRD	441			NOTE 1
	GRD	GRD	443			NOTE 1
	GRD	GRD	449			NOTE 1
	GRD	GRD	451			NOTE 1
	GRD	GRD	453			NOTE 1
	GRD	GRD	455			NOTE 1
	GRD	GRD	503			
	GRD	GRD	512			
	GRD	GRD	544			NOTE 1
	GRD	GRD	548			
0AADRPER	O	AADRPER	122		1/8	
0ARAMWRO	OT	ARAMWRO	246		1/8	
0ARMXCTP	I	ARMUXCTP	445		1/8	
0ARMXCT0	I	ARMUXCT0	547		1/8	
0ARMXCT1	I	ARMUXCT1	546		1/8	
0ARMXCT2	I	ARMUXCT2	545		1/8	
0ARMXCT3	I	ARMUXCT3	448		1/8	
0ARMXCT4	I	ARMUXCT4	447		1/8	
0ARMXCT5	I	ARMUXCT5	446		1/8	
0ASH	O	ASH	243		1/8	
0AXMXCTP	OT	AXMUXCTP	249		1/8	
0AXMXCT0	I	AXMUXCT0	047		1/8	
0AXMXCT1	I	AXMUXCT1	046		1/8	
0AXMXCT2	I	AXMUXCT2	045		1/8	
0AXMXCT3	I	AXMUXCT3	145		1/8	
0AXMXCT4	I	AXMUXCT4	146		1/8	
0AXMXCT5	I	AXMUXCT5	147		1/8	
0AX0A	I	AX0A	346		1/8	
0AX0B	I	AX0B	402		1/8	
0AX1A	I	AX1A	347		1/8	
0AX1B	I	AX1B	103		1/8	
0BADRPER	O	BADRPER	124		1/8	
0BRAMWRO	I	BRAMWRO	135		1/8	
0BRMXCTP	I	BRMUXCTP	432		1/8	
0BRMXCT0	I	BRMUXCT0	444		1/8	
0BRMXCT1	I	BRMUXCT1	442		1/8	
0BRMXCT2	I	BRMUXCT2	440		1/8	
0BRMXCT3	I	BRMUXCT3	438		1/8	
0BRMXCT4	I	BRMUXCT4	436		1/8	
0BRMXCT5	I	BRMUXCT5	434		1/8	
0BXMXCTP	I	BXMUXCTP	134		1/8	
0BXMXCT0	I	BXMUXCT0	035		1/8	
0BXMXCT1	I	BXMUXCT1	034		1/8	
0BXMXCT2	I	BXMUXCT2	033		1/8	
0BXMXCT3	I	BXMUXCT3	032		1/8	
0BXMXCT4	I	BXMUXCT4	132		1/8	
0BXMXCT5	I	BXMUXCT5	133		1/8	
0CLEARA	I	CLEARA	415		1/8	
0CLEARB	I	CLEARB	413		1/8	
0DATASHF	OT	DATASHFT	244		1/8	
0DESTAX	OT	DESTAX	247		1/8	
0DESTRST	OT	DESTRST	248		1/8	
0DFILP	O	DFILP	403		1/8	
0PROG1	I	PROG1	302		1/8	
0PROG2	I	PROG2	202		1/8	
0P1DBSEL	I	P1DBSEL	114		1/8	

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
ODMUX	04-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0RAMSYNC	O	RAMSYNC	243		1/8	
0RDDATA	O	RDDATA	106		1/8	
0RDPULSE	I	RDPULSE	104		1/8	
0S1DESEL	I	S1DESEL	116		1/8	
0WRDATA	OT	WRDATA	239		1/8	
0WRPULSE	OT	WRPULSE	241		1/8	
00APBIN	O	0APBIN	150		TO CONN CKT	
00APBIP	O	0APBIP	050		TO CONN CKT	
00APBON	I	0APBON	149		TO CONN CKT	
00APBOP	I	0APBOP	049		TO CONN CKT	
00A4MCN	I	0A4MCN	152		TO CONN CKT	
00A4MCP	I	0A4MCP	052		TO CONN CKT	
00A8KSN	I	0A8KSN	151		TO CONN CKT	
00A8KSP	I	0A8KSP	051		TO CONN CKT	
00BPBIN	O	0BPBIN	137		TO CONN CKT	
00BPBIP	O	0BPBIP	037		TO CONN CKT	
00BPBON	I	0BPBON	136		TO CONN CKT	
00BPBOP	I	0BPBOP	036		TO CONN CKT	
00B4MCN	I	0B4MCN	139		TO CONN CKT	
00B4MCP	I	0B4MCP	039		TO CONN CKT	
00B8KSN	I	0B8KSN	138		TO CONN CKT	
00B8KSP	I	0B8KSP	038		TO CONN CKT	
00PBIN00	I	RDATA0	204		1/3	
00PBIN01	I	RDATA1	213		1/4	
00PBIN02	I	RDATA2	222		1/5	
00PBIN03	I	RDATA3	333		1/6	
00PBIN04	I	RDATA4	537		1/7	
00PBIN05	I	RDATA5	537		1/11	
00PBIN06	I	RDATA6	533		1/12	
00PBIN07	I	RDATA7	322		1/13	
00PBIN08	I	RDATA8	313		1/14	
00PBIN09	I	RDATA9	304		1/15	
00PBIN10	I	RDATA10	006		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00PBIN11	I	RDATA11	010		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00PBIN12	I	RDATA12	015		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00PBIN13	I	RDATA13	019		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00PBIN14	I	RDATA14	023		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00PBON00	O	XDATA0	203		1/3	
00PBON01	O	XDATA1	212		1/4	
00PBON02	O	XDATA2	221		1/5	
00PBON03	O	XDATA3	332		1/6	
00PBON04	O	XDATA4	336		1/7	
00PBON05	O	XDATA5	536		1/11	
00PBON06	O	XDATA6	532		1/12	
00PBON07	O	XDATA7	321		1/13	
00PBON08	O	XDATA8	312		1/14	
00PBON09	O	XDATA9	303		1/15	
00PBON10	O	XDATA10	007		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
ODMUX	04-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
00P8ON11	O	XDATA11	011		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00P8ON12	O	XDATA12	016		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00P8ON13	O	XDATA13	020		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00P8ON14	O	XDATA14	024		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
004MCN00	O	SYSCLK0	206		1/3	
004MCN01	O	SYSCLK1	215		1/4	
004MCN02	O	SYSCLK2	224		1/5	
004MCN03	O	SYSCLK3	335		1/6	
004MCN04	O	SYSCLK4	339		1/7	
004MCN05	O	SYSCLK5	539		1/11	
004MCN06	O	SYSCLK6	535		1/12	
004MCN07	O	SYSCLK7	324		1/13	
004MCN08	O	SYSCLK8	315		1/14	
004MCN09	O	SYSCLK9	306		1/15	
004MCN10	O	SYSCLK10	004		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
004MCN11	O	SYSCLK11	008		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
004MCN12	O	SYSCLK12	013		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
004MCN13	O	SYSCLK13	017		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
004MCN14	O	SYSCLK14	021		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
008KSN00	O	SYNC0	205		1/3	
008KSN01	O	SYNC1	214		1/4	
008KSN02	O	SYNC2	223		1/5	
008KSN03	O	SYNC3	334		1/6	
008KSN04	O	SYNC4	338		1/7	
008KSN05	O	SYNC5	538		1/11	
008KSN06	O	SYNC6	534		1/12	
008KSN07	O	SYNC7	323		1/13	
008KSN08	O	SYNC8	314		1/14	
008KSN09	O	SYNC9	305		1/15	
008KSN10	O	SYNC10	005		TO DIGITAL	

PART OF FS 1

SYMBOL(S) 10

DIGITAL CARRIER LINE UNIT

DWG SIZE D2 | ISSUE 3M

AT&T | SD-5D202-01 | B1CG

PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0DMUX	04-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					CARRIER LINE UNIT SUPPLEMENT CKT	
008KSN11	O	SYNC11	009		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
008KSN12	O	SYNC12	014		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
008KSN13	O	SYNC13	018		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
008KSN14	O	SYNC14	022		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01APBIN	O	1APBIN	154		TO CONN CKT	
01APBIP	O	1APBIP	054		TO CONN CKT	
01APBON	I	1APBON	153		TO CONN CKT	
01APBOP	I	1APBOP	053		TO CONN CKT	
01A4MCN	I	1A4MCN	156		TO CONN CKT	
01A4MCP	I	1A4MCP	056		TO CONN CKT	
01A8KSN	I	1A8KSN	155		TO CONN CKT	
01A8KSP	I	1A8KSP	055		TO CONN CKT	
01BPBIN	O	1BPBIN	141		TO CONN CKT	
01BPBIP	O	1BPBIP	041		TO CONN CKT	
01BPBON	I	1BPBON	140		TO CONN CKT	
01BPBOP	I	1BPBOP	040		TO CONN CKT	
01B4MCN	I	1B4MCN	143		TO CONN CKT	
01B4MCP	I	1B4MCP	043		TO CONN CKT	
01B8KSN	I	1B8KSN	142		TO CONN CKT	
01B8KSP	I	1B8KSP	042		TO CONN CKT	
01NTA	O	1NTA	423		1/8	
01NTB	O	1NTB	421		1/8	
01PBIN16	I	RDATA16	209		2/3	
01PBIN17	I	RDATA17	218		2/4	
01PBIN18	I	RDATA18	341		2/5	
01PBIN19	I	RDATA19	350		2/6	
01PBIN20	I	RDATA20	354		2/7	
01PBIN21	I	RDATA21	554		2/11	
01PBIN22	I	RDATA22	550		2/12	
01PBIN23	I	RDATA23	541		2/13	
01PBIN24	I	RDATA24	318		2/14	
01PBIN25	I	RDATA25	309		2/15	
01PBIN26	I	RDATA26	505		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01PBIN27	I	RDATA27	509		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01PBIN28	I	RDATA28	514		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01PBIN29	I	RDATA29	518		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01PBIN30	I	RDATA30	522		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01PBON16	O	XDATA16	208		2/3	P/GRD04108
01PBON17	O	XDATA17	217		2/4	P/GRD04108

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0DMUX	04-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
01PBON18	O	XDATA18	340		2/5	P/GRD04108
01PBON19	O	XDATA19	349		2/6	P/GRD04108
01PBON20	O	XDATA20	353		2/7	P/GRD04108
01PBON21	O	XDATA21	553		2/11	P/GRD04108
01PBON22	O	XDATA22	549		2/12	P/GRD04108
01PBON23	O	XDATA23	540		2/13	P/GRD04108
01PBON24	O	XDATA24	317		2/14	P/GRD04108
01PBON25	O	XDATA25	308		2/15	P/GRD04108
01PBON26	O	XDATA26	504		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01PBON27	O	XDATA27	508		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01PBON28	O	XDATA28	513		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01PBON29	O	XDATA29	517		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01PBON30	O	XDATA30	521		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
014MCN16	O	SYSCLK16	211		2/3	P/GRD04108
014MCN17	O	SYSCLK17	220		2/4	P/GRD04108
014MCN18	O	SYSCLK18	343		2/5	P/GRD04108
014MCN19	O	SYSCLK19	352		2/6	P/GRD04108
014MCN20	O	SYSCLK20	356		2/7	P/GRD04108
014MCN21	O	SYSCLK21	556		2/11	P/GRD04108
014MCN22	O	SYSCLK22	552		2/12	P/GRD04108
014MCN23	O	SYSCLK23	543		2/13	P/GRD04108
014MCN24	O	SYSCLK24	320		2/14	P/GRD04108
014MCN25	O	SYSCLK25	311		2/15	P/GRD04108
014MCN26	O	SYSCLK26	507		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
014MCN27	O	SYSCLK27	511		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
014MCN28	O	SYSCLK28	516		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
014MCN29	O	SYSCLK29	520		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
014MCN30	O	SYSCLK30	524		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
018KSN16	O	SYNC16	210		2/3	P/GRD04108
018KSN17	O	SYNC17	219		2/4	P/GRD04108
018KSN18	O	SYNC18	342		2/5	P/GRD04108
018KSN19	O	SYNC19	351		2/6	P/GRD04108
018KSN20	O	SYNC20	355		2/7	P/GRD04108
018KSN21	O	SYNC21	555		2/11	P/GRD04108
018KSN22	O	SYNC22	551		2/12	P/GRD04108
018KSN23	O	SYNC23	542		2/13	P/GRD04108

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0DMUX	04-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
018KSN24	O	SYNC24	319		2/14	P/GRD04108
018KSN25	O	SYNC25	310		2/15	P/GRD04108
018KSN26	O	SYNC26	506		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
018KSN27	O	SYNC27	510		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
018KSN28	O	SYNC28	515		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
018KSN29	O	SYNC29	519		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
018KSN30	O	SYNC30	523		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
0256CK1	O	256CK1	502		1/8	
04MCLK	O	4MCLK	002		1/8	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 11

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI05	04-129	MC5D204A1	A	(Z)
SDFI05	04-129	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	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			
+5V04129	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VA	PWR	-48IN	000		1/1	
	PWR	-48IN	100		1/1	
	PWR	-48IN	200		1/1	
-48VARTN	PWR	-48RTN	001		1/1	
	PWR	-48RTN	101		1/1	
	PWR	-48RTN	201		1/1	
GRD04129	I	LIRST	018			
	GRD	GRD	003			
	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			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			

SYMBOL NO. 11 (CONT)

DATA MUX

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCMZON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCMIDN	134			
	O	+5A	205			
	O	+5A	206			
	I	DA8	020			
	I	DA9	021			
	I	DA10	022			
	I	DA11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			

PART OF FS 1

SYMBOL(S) 10 11

DIGITAL CARRIER LINE UNIT

DWG SIZE C2 | ISSUE 4B

AT&T | SD-5D202-01 | B1CH

PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 11 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI05	04-129	MC5D204A1	A	(Z)
SDFI05	04-129	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
GRD13088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD13108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
OPWRON	OT	PWRON	009		1/3	
OSTART	I	START	109		1/1	
OT1IR05	I	LIN	032		TO DSX-1 CROSS CONNECT	P/OT11T05
OT1IT05	I	LIP	132		TO DSX-1 CROSS CONNECT	P/OT11R05
OT1ON05	O	LON	024		1/2	P/OT10P05
OT1OP05	O	LOP	124		1/2	P/OT10N05
00CP05	I	OCP	148		1/8	
00IDP05	O	OIDP	150		1/8	
00NITP05	O	ONINTP	146		1/8	
00ODP05	I	OODP	149		1/8	
00PBIN05	O	OPBIN	137		1/10	
00PBON05	I	OPBON	136		1/10	
00SP05	I	OSP	147		1/8	
004MCN05	I	04MCN	139		1/10	
008KSN05	I	08KSN	138		1/10	
11CP21	I	1CP	154		2/8	
11IDP21	O	1IDP	156		2/8	P/GRD04129
11NITP21	O	1KINTP	152		2/8	
11ODP21	I	1ODP	155		2/8	
11PBIN21	O	1PBIN	141		2/10	P/GRD04129
11PBON21	I	1PBON	140		2/10	
11SP21	I	1SP	153		2/8	
114MCN21	I	14MCN	143		2/10	
118KSN21	I	18KSN	142		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 12

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI06	04-139	MC5D204A1	A	(Z)
SDFI06	04-139	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	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	DA8	020			
	I	DA9	021			
	I	DA10	022			
	I	DA11	023			
	I	TP	033			
	I	RESET	119			
	I	AD84	120			
	I	AD85	121			
	I	AD86	122			
	I	AD87	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	AD80	220			
	I	AD81	221			
	I	AD82	222			
	I	AD83	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			
+5VD04139	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VA	PWR	-48IN	000			1/1
	PWR	-48IN	100			1/1
	PWR	-48IN	200			1/1
-48VARTN	PWR	-48RTN	001			1/1
	PWR	-48RTN	101			1/1
	PWR	-48RTN	201			1/1
GRD04139	I	LIRST	018			
	GRD	GRD	003			
	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			

SYMBOL NO. 12 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI06	04-139	MC5D204A1	A	(Z)
SDFI06	04-139	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	218			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
GRD13088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD13108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
OPWRON	OT	PWRON	009		1/3	
OSTART	I	START	109		1/1	
OT1IR06	I	LIN	032		TO DSX-1 CROSS CONNECT	P/OT11T06
OT1IT06	I	LIP	132		TO DSX-1 CROSS CONNECT	P/OT11R06
OT1ON06	O	LON	024		1/2	P/OT10P06
OT1OP06	O	LOP	124		1/2	P/OT10N06
00CP06	I	OCP	148		1/8	
00IDP06	O	OIDP	150		1/8	
00NITP06	O	ONINTP	146		1/8	
00ODP06	I	OODP	149		1/8	
00PBIN06	O	OPBIN	137		1/10	
00PBON06	I	OPBON	136		1/10	
00SP06	I	OSP	147		1/8	
004MCN06	I	04MCN	139		1/10	
008KSN06	I	08KSN	138		1/10	
11CP22	I	1CP	154		2/8	
11IDP22	O	1IDP	156		2/8	P/GRD04139
11NITP22	O	1KINTP	152		2/8	
11ODP22	I	1ODP	155		2/8	
11PBIN22	O	1PBIN	141		2/10	P/GRD04139
11PBON22	I	1PBON	140		2/10	
11SP22	I	1SP	153		2/8	
114MCN22	I	14MCN	143		2/10	
118KSN22	I	18KSN	142		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

PART OF FS 1
SYMBOL(S) 11 12

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
C2	4B

AT&T | SD-5D202-01 | B1CJ

PART OF FS 1

DIGITAL FACILITY INTERFACE, O SHELF

SYMBOL NO. 13

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI07	04-149	MC5D204A1	A	(Z)
SDFI07	04-149	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	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	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	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VA	PWR	-48IN	000			1/1
	PWR	-48IN	100			1/1
	PWR	-48IN	200			1/1
-48VARTN	PWR	-48RTN	001			1/1
	PWR	-48RTN	101			1/1
	PWR	-48RTN	201			1/1
GRD04149	I	LIRST	018			
	GRD	GRD	003			
	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			

SYMBOL NO. 13 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI07	04-149	MC5D204A1	A	(Z)
SDFI07	04-149	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	218			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
GRD13088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD13108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
OPWRON	OT	PWRON	009		1/3	
OSTART	I	START	109		1/1	
OT11R07	I	LIN	032		TO DSX-1 CROSS CONNECT	P/OT11T07
OT11T07	I	LIP	132		TO DSX-1 CROSS CONNECT	P/OT11R07
OT1ON07	O	LON	024		1/2	P/OT1OP07
OT1OP07	O	LOP	124		1/2	P/OT1ON07
OOCP07	I	OCP	148		1/8	
OOIDP07	O	OIDP	150		1/8	
OONITP07	O	ONINTP	146		1/8	
OOODP07	I	OODP	149		1/8	
OOPBIN07	O	OPBIN	137		1/10	
OOPBON07	I	OPBON	136		1/10	
OOSP07	I	OSP	147		1/8	
OO4MCN07	I	O4MCN	139		1/10	
O08KSN07	I	O8KSN	138		1/10	
11CP23	I	1CP	154		2/8	
11IDP23	O	1IDP	156		2/8	P/GRD04149
11NITP23	O	1KINTP	152		2/8	
11ODP23	I	1ODP	155		2/8	
11PBIN23	O	1PBIN	141		2/10	P/GRD04149
11PBON23	I	1PBON	140		2/10	
11SP23	I	1SP	153		2/8	
114MCN23	I	14MCN	143		2/10	
118KSN23	I	18KSN	142		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 14

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI08	04-159	MC5D204A1	A	(Z)
SDFI08	04-159	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	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	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			
+5V04159	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VA	PWR	-48IN	000			1/1
	PWR	-48IN	100			1/1
	PWR	-48IN	200			1/1
-48VARTN	PWR	-48RTN	001			1/1
	PWR	-48RTN	101			1/1
	PWR	-48RTN	201			1/1
GRD04159	I	LIRST	018			
	GRD	GRD	003			
	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			

SYMBOL NO. 14 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI08	04-159	MC5D204A1	A	(Z)
SDFI08	04-159	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	218			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
GRD13088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD13108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
OPWRON	OT	PWRON	009		1/3	
OSTART	I	START	109		1/1	
OT11R08	I	LIN	032		TO DSX-1 CROSS CONNECT	P/OT11T08
OT11T08	I	LIP	132		TO DSX-1 CROSS CONNECT	P/OT11R08
OT1ON08	O	LON	024		1/2	P/OT1OP08
OT1OP08	O	LOP	124		1/2	P/OT1ON08
OOCP08	I	OCP	148		1/8	
OOIDP08	O	OIDP	150		1/8	
OONITP08	O	ONINTP	146		1/8	
OOODP08	I	OODP	149		1/8	
OOPBIN08	O	OPBIN	137		1/10	
OOPBON08	I	OPBON	136		1/10	
OOSP08	I	OSP	147		1/8	
OO4MCN08	I	O4MCN	139		1/10	
O08KSN08	I	O8KSN	138		1/10	
11CP24	I	1CP	154		2/8	
11IDP24	O	1IDP	156		2/8	P/GRD04159
11NITP24	O	1KINTP	152		2/8	
11ODP24	I	1ODP	155		2/8	
11PBIN24	O	1PBIN	141		2/10	P/GRD04159
11PBON24	I	1PBON	140		2/10	
11SP24	I	1SP	153		2/8	
114MCN24	I	14MCN	143		2/10	
118KSN24	I	18KSN	142		2/10	

PART OF FS 1
SYMBOL(S) 13 14

DIGITAL CARRIER LINE UNIT	DWG SIZE C2	ISSUE 4B
AT&T	SD-5D202-01	B1CK

PRINTED IN U.S.A.

SYMBOL NO. 14 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI08	04-159	MC5D204A1	A	(Z)
SDFI08	04-159	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NOTE(S):						

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 15

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI09	04-169	MC5D204A1	A	(Z)
SDFI09	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	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	AD84	120			
	I	AD85	121			
	I	AD86	122			
	I	AD87	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	AD80	220			
	I	AD81	221			
	I	AD82	222			
	I	AD83	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			
+5V04169	O	+5A	207			
	I	VDD2	007			

SYMBOL NO. 15 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI09	04-169	MC5D204A1	A	(Z)
SDFI09	04-169	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	VDD1	107			
-48VA	PWR	-48IN	000		1/1	
	PWR	-48IN	100		1/1	
	PWR	-48IN	200		1/1	
-48VARTN	PWR	-48RTN	001		1/1	
	PWR	-48RTN	101		1/1	
	PWR	-48RTN	201		1/1	
GRD04169	I	LIRST	018			
	GRD	GRD	003			
	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			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
GRD13088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD13108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
OPWRON	OT	PWRON	009		1/3	
OSTART	I	START	109		1/1	
0T11R09	I	LIN	032		TO DSX-1 CROSS CONNECT	P/0T11T09
0T11T09	I	LIP	132		TO DSX-1 CROSS CONNECT	P/0T11R09
0T10N09	O	LON	024		1/2	P/0T10P09
0T10P09	O	LOP	124		1/2	P/0T10N09
00CP09	I	OCP	148		1/8	
001DP09	O	01DP	150		1/8	
00NITP09	O	ONINTP	146		1/8	
00ODP09	I	OODP	149		1/8	
00PBIN09	O	OPBIN	137		1/10	
00PBON09	I	OPBON	136		1/10	
00SP09	I	OSP	147		1/8	
004MCN09	I	04MCN	139		1/10	

SYMBOL NO. 15 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI09	04-169	MC5D204A1	A	(Z)
SDFI09	04-169	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
008KSN09	I	08KSN	138		1/10	
11CP25	I	1CP	154		2/8	
11IDP25	O	1IDP	156		2/8	P/GRD04169
11NITP25	O	1KINTP	152		2/8	
11ODP25	I	1ODP	155		2/8	
11PBIN25	O	1PBIN	141		2/10	P/GRD04169
11PBON25	I	1PBON	140		2/10	
11SP25	I	1SP	153		2/8	
114MCN25	I	14MCN	143		2/10	
118KSN25	I	18KSN	142		2/10	
NOTE(S):						

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

PART OF FS 1
SYMBOL(S) 14 15

DIGITAL CARRIER LINE UNIT

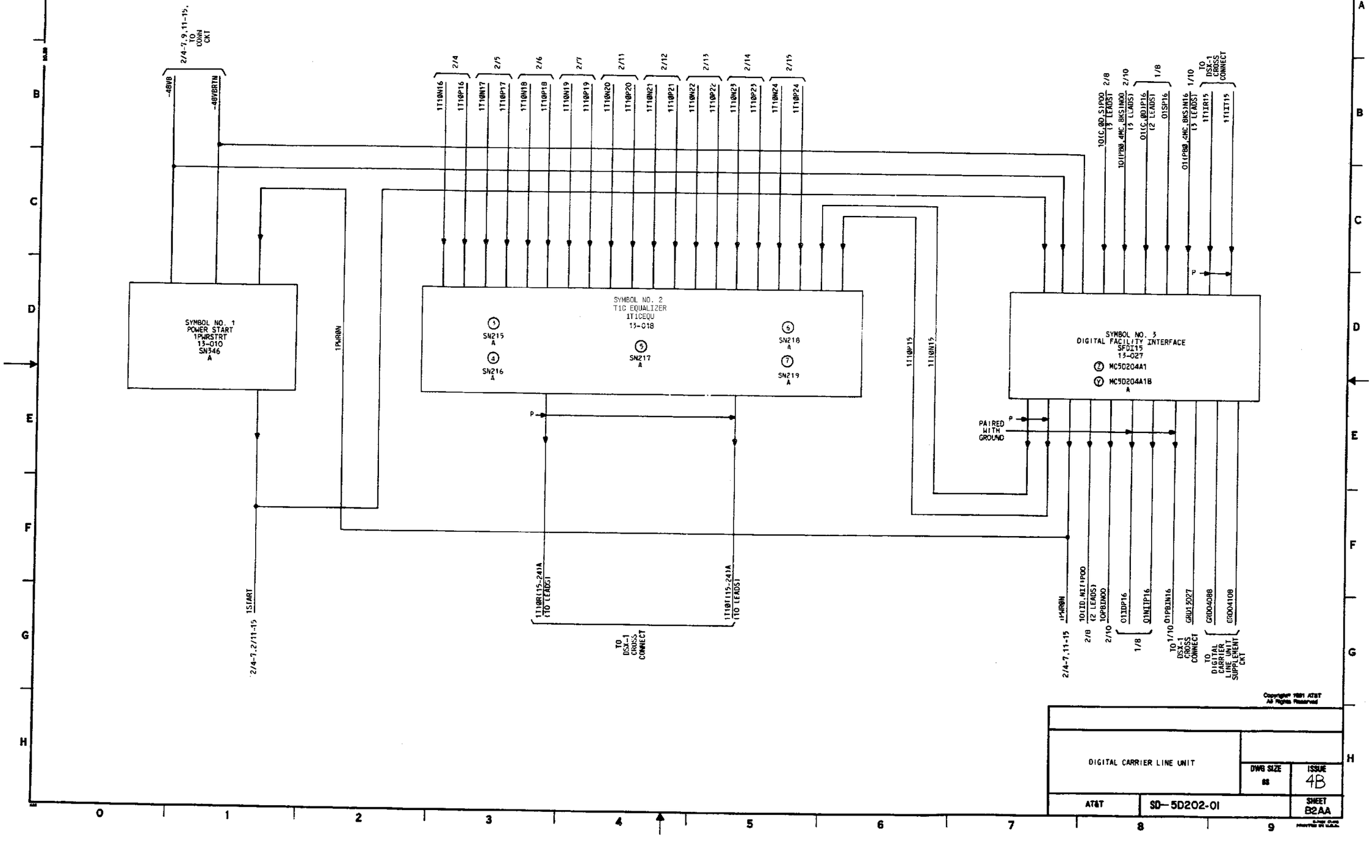
DWG SIZE D | ISSUE 4B

AT&T | SD-5D202-01 | B1CL

PRINTED IN U.S.A.

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF
(P/O INTERCONNECTION & FLOW DIAGRAM)



DIGITAL CARRIER LINE UNIT	DWG SIZE B8	ISSUE 4B
AT&T SD-5D202-01		SHEET B2AA

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF
(P/O INTERCONNECTION & FLOW DIAGRAM)

1START 2/1
-48VB
-48VBRTN 2/5
101C,00,S1P01 2/8 (3 LEADS)
101P80,4NC,8KS1N01 2/10 (3 LEADS)
011C,00,01P17 1/8 (2 LEADS)
01SP17
01P80,4NC,8KS1N17 1/10 (3 LEADS) TO DSX-1 CROSS CONNECT 1111R16
1111T16

101C,00,S1P02 2/8 (2 LEADS)
101P80,4NC,8KS1N02 2/10 (3 LEADS)
011C,00,01P18 1/8 (2 LEADS)
01SP18
01P80,4NC,8KS1N18 1/10 TO DSX-1 CROSS CONNECT 1111R17
1111T17

101C,00,S1P03 2/8 (3 LEADS)
101P80,4NC,8KS1N03 2/10 (3 LEADS)
011C,00,01I19 1/8 (2 LEADS)
01SP19
01P80,4NC,8KS1N19 1/10 (3 LEADS) TO DSX-1 CROSS CONNECT 1111R18
1111T18

101C,00,S1P04 2/8 (3 LEADS)
101P80,4NC,8KS1N04 2/10 (3 LEADS)
011C,00,01P20 1/8 (2 LEADS)
01SI20
01P80,4NC,8KS1N20 1/10 (3 LEADS) TO DSX-1 CROSS CONNECT 1111R19
1111T19

SYMBOL NO. 4
DIGITAL FACILITY INTERFACE
SDFI16
13-037
Z MC5D204A1
Y MC5D204A1B A

SYMBOL NO. 5
DIGITAL FACILITY INTERFACE
SDFI17
13-047
Z MC5D204A1
Y MC5D204A1B A

SYMBOL NO. 6
DIGITAL FACILITY INTERFACE
SDFI18
13-057
Z MC5D204A1
Y MC5D204A1B A

SYMBOL NO. 7
DIGITAL FACILITY INTERFACE
SDFI19
13-067
Z MC5D204A1
Y MC5D204A1B A

PAIRED WITH GROUND

GR0D408B
GR0D410B
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT
1PWR0N 2/1
101ID,MI1JP01 2/8 (2 LEADS)
10PBIN01 2/10
01IDP17 1/8
01NIIP17
01PBIN17 1/10
1110N16 2/2
1110P16

101ID,MI1JP02 2/8 (2 LEADS)
10PBIN02 2/10
01IDP18 1/8
01NIIP18
01PBIN18 1/10
1110N17 2/2
1110P17

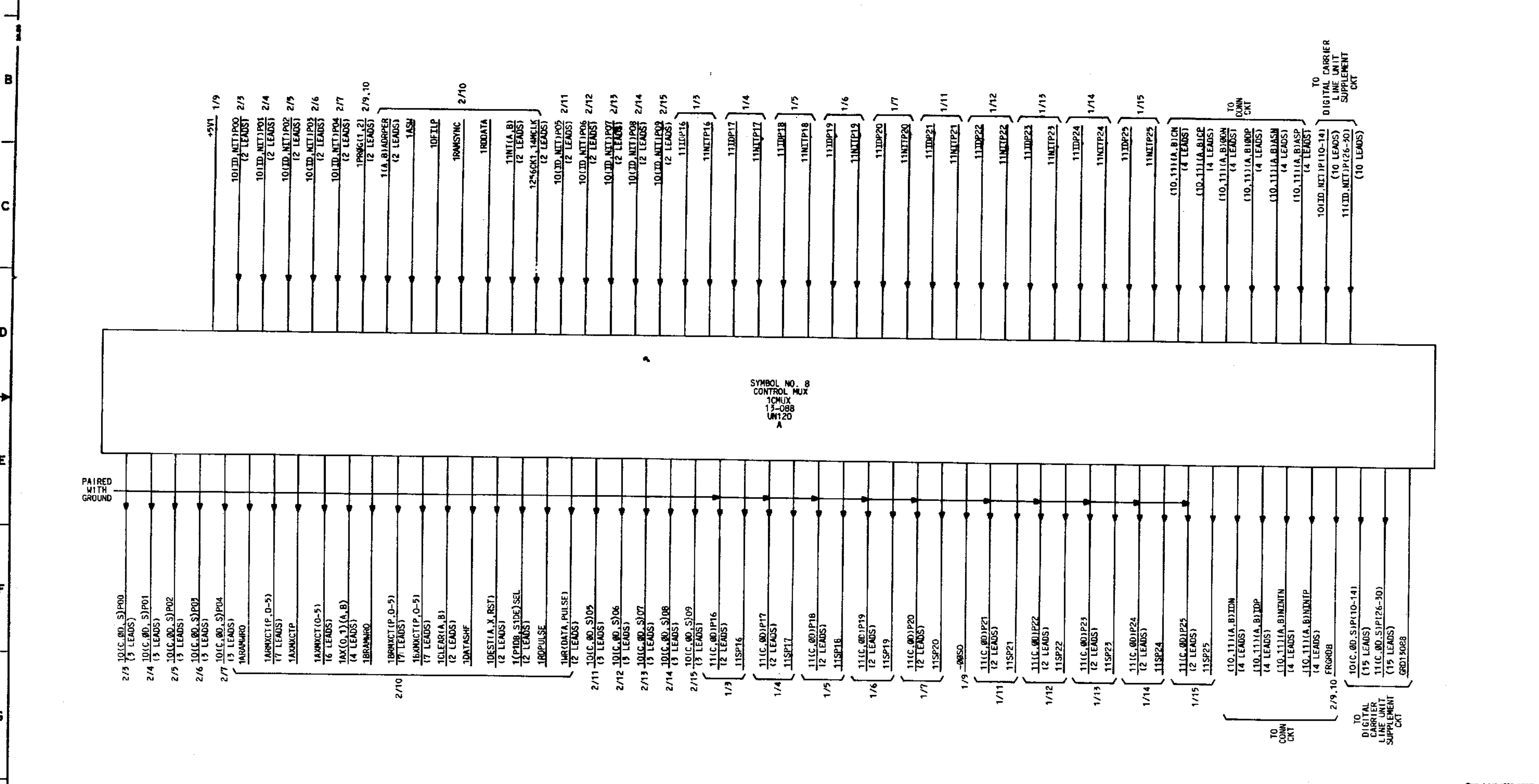
101ID,MI1JP03 2/8 (2 LEADS)
10PHIN03 2/10
01IDP19 1/8
01NIIP19
01PBIN19 1/10
1110N18 2/2
11 0P18

101ID,MI1JP04 2/8 (2 LEADS)
10PBIN04 2/10
01IDP20 1/8
01NIIP20
01PBIN20 1/10
1110N19 2/2
1110P19

DIGITAL CARRIER LINE UNIT		DWG SIZE B6	ISSUE 4B
AT&T	SD-5D202-01		SHEET B2AB

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF
(P/O INTERCONNECTION & FLOW DIAGRAM)



DIGITAL CARRIER LINE UNIT

AT&T	SD-5D202-01	DWG SIZE	ISSUE 3M
			SHEET B2AC

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF
(P/O INTERCONNECTION & FLOW DIAGRAM)

SYMBOL NO. 9
POWER UNIT
1PU
13-098
494LA
A

SYMBOL NO. 10
DATA MUX PACK
1DMUX
13-108
UN121
A

+5V1 1/9
-48VB 2/1
1PRGG(1,2) 2/8 (2 LEADS)
-48S1 1/8
+12V1
2/8 FRGRDB
1/8-10 +5VD
2/3 -48VBRTN

1OPBDIN00 2/3
1OPBDIN01 2/4
1OPBDIN02 2/5
1OPBDIN03 2/6
1OPBDIN04 2/7
1ARMXCT(P,0-5) 2/8 (7 LEADS)
1AXMXCT(0-5) (6 LEADS)
1X(0,1)(A,B) (4 LEADS)
1BRAMWRO
1BRMXCT(P,0-5) (7 LEADS)
1AXMXCT(P,0-5) (7 LEADS)
1CLEAR(A,B) (2 LEADS)
1PRGG(1,2) (2 LEADS)
11P108,S1DE)SEL (2 LEADS)
1RDPULSE
1OPBDIN05 2/11
1OPBDIN06 2/12
1OPBDIN07 2/13
1OPBDIN08 2/14
1OPBDIN09 2/15
11PBDIN16 1/3
11PBDIN17 1/4
11PBDIN18 1/5
11PBDIN19 1/6
11PBDIN20 1/7
11PBDIN21 1/11
11PBDIN22 1/12
11PBDIN23 1/13
11PBDIN24 1/14
11PBDIN25 1/15
(10,11)(A,B)PBBN (4 LEADS) TO CONN CKT
(10,11)(A,B)PBBP (4 LEADS) TO CONN CKT
(10,11)(A,B)4MCN (4 LEADS) TO CONN CKT
(10,11)(A,B)6KSN (4 LEADS) TO CONN CKT
(10,11)(A,B)8KSP (4 LEADS) TO CONN CKT
1OPBDIN(10-14) (5 LEADS) TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT
11PBDIN(26-30) (5 LEADS) TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT

PAIRED WITH GROUND

2/3 1O(PB0,4MC,8KS)NO0 (3 LEADS)
2/4 1O(PB0,4MC,8KS)NO1 (3 LEADS)
2/5 1O(PB0,4MC,8KS)NO2 (3 LEADS)
2/6 1O(PB0,4MC,8KS)NO3 (3 LEADS)
2/7 1O(PB0,4MC,8KS)NO4 (3 LEADS)
1(A,B)ADPER (2 LEADS)
1ARAMWRO
1ASH
1AXMXCTP
1DATASMF
2/8 1DEST(A,RST) (2 LEADS)
1DFILP
1RAMSYNC
1RDDATA
1WR(DATA,PULSE) (2 LEADS)
1INT(A,B) (2 LEADS)
125GCK1,14MCLK (2 LEADS)
2/11 1O(PB0,4MC,8KS)NO5 (3 LEADS)
2/12 1O(PB0,4MC,8KS)NO6 (3 LEADS)
2/13 1O(PB0,4MC,8KS)NO7 (3 LEADS)
2/14 1O(PB0,4MC,8KS)NO8 (3 LEADS)
2/15 1O(PB0,4MC,8KS)NO9 (3 LEADS)
1/3 11(PB0,4MC,8KS)N16 (3 LEADS)
1/4 11(PB0,4MC,8KS)N17 (3 LEADS)
1/5 11(PB0,4MC,8KS)N18 (3 LEADS)
1/6 11(PB0,4MC,8KS)N19 (3 LEADS)
1/7 11(PB0,4MC,8KS)N20 (3 LEADS)
1/11 11(PB0,4MC,8KS)N21 (3 LEADS)
1/12 11(PB0,4MC,8KS)N22 (3 LEADS)
1/13 11(PB0,4MC,8KS)N23 (3 LEADS)
1/14 11(PB0,4MC,8KS)N24 (3 LEADS)
1/15 11(PB0,4MC,8KS)N25 (3 LEADS)
(10,11)(A,B)PBEIN (4 LEADS) TO CONN CKT
(10,11)(A,B)PBEIP (4 LEADS) TO CONN CKT
10(PB0,4MC,8KS)N(10-14) (15 LEADS) TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT
11(PB0,4MC,8KS)N(26-30) (15 LEADS) TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT
GRD13108

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
88	3M

AT&T	SD-50202-01	SHEET
		B2AD

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF
(P/O INTERCONNECTION & FLOW DIAGRAM)

SYMBOL NO. 11
DIGITAL FACILITY INTERFACE
SDFI20
13-129
Z MC50204A1
Y MC50204A1B
A

SYMBOL NO. 12
DIGITAL FACILITY INTERFACE
SDFI21
13-139
Z MC50204A1
Y MC50204A1B
A

SYMBOL NO. 13
DIGITAL FACILITY INTERFACE
SDFI22
13-149
Z MC50204A1
Y MC50204A1B
A

SYMBOL NO. 14
DIGITAL FACILITY INTERFACE
SDFI23
13-159
Z MC50204A1
Y MC50204A1B
A

SYMBOL NO. 15
DIGITAL FACILITY INTERFACE
SDFI24
13-169
Z MC50204A1
Y MC50204A1B
A

PAIRED WITH GROUND

TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT

DIGITAL CARRIER LINE UNIT	DWG SIZE: 68	ISSUE: 4B
AT&T SD-5D202-01		SHEET: B2AE

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 1

POWER START

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1PWRSTRT	13-010	SN346	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	STARTB	011			
	I	PWRB	111			
-48VB	PWR	-48VB	002		2/1	
	PWR	-48VA	100		2/1	
	PWR	-48VB	102		2/1	
	PWR	-48VA	000		TO CONN CKT 2/3,2/4 2/5,2/6 2/7,2/9 2/11,2/12 2/13,2/14 2/15	
-48VBRTN	GRD	-48RTNB	003		2/1	
	GRD	-48RTNA	101		2/1	
	GRD	-48RTNB	103		2/1	
	GRD	-48RTNA	001		2/3,2/4 2/5,2/6 2/7,2/9 2/11,2/12 2/13,2/14 2/15 TO CONN CKT	
1PWRON	I	PWRA	109		2/3	
1START	O	STARTA	009		2/3,2/4 2/5,2/6 2/7,2/11 2/12,2/13 2/14,2/15	

SYMBOL NO. 2

T1C EQUALIZER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1T1CEQU	13-018	SN215	A	(3)
1T1CEQU	13-018	SN216	A	(4)
1T1CEQU	13-018	SN217	A	(5)
1T1CEQU	13-018	SN218	A	(6)
1T1CEQU	13-018	SN219	A	(7)

LEAD DESIG	FUNC	TERM. MOD	TERM.	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			

SYMBOL NO. 2 (CONT)

T1C EQUALIZER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1T1CEQU	13-018	SN215	A	(3)
1T1CEQU	13-018	SN216	A	(4)
1T1CEQU	13-018	SN217	A	(5)
1T1CEQU	13-018	SN218	A	(6)
1T1CEQU	13-018	SN219	A	(7)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	R12	145			
	I	T12	146			
1T1ON15	I	R1	115		2/3	
1T1ON16	I	R2	117		2/4	
1T1ON17	I	R4	121		2/5	
1T1ON18	I	R5	123		2/6	
1T1ON19	I	R7	134		2/7	
1T1ON20	I	R8	136		2/11	
1T1ON21	I	R10	140		2/12	
1T1ON22	I	R11	142		2/13	
1T1ON23	I	R13	147		2/14	
1T1ON24	I	R14	149		2/15	
1T1OP15	I	T1	116		2/3	
1T1OP16	I	T2	118		2/4	
1T1OP17	I	T4	122		2/5	
1T1OP18	I	T5	124		2/6	
1T1OP19	I	T7	135		2/7	
1T1OP20	I	T8	137		2/11	
1T1OP21	I	T10	141		2/12	
1T1OP22	I	T11	143		2/13	
1T1OP23	I	T13	148		2/14	
1T1OP24	I	T14	150		2/15	
1T1OR15A	O	R1	015		TO DSX-1 CROSS CONNECT	P/1T1OT15A
1T1OR16A	O	R2	017		TO DSX-1 CROSS CONNECT	P/1T1OT16A
1T1OR17A	O	R4	021		TO DSX-1 CROSS CONNECT	P/1T1OT17A
1T1OR18A	O	R5	023		TO DSX-1 CROSS CONNECT	P/1T1OT18A
1T1OR19A	O	R7	034		TO DSX-1 CROSS CONNECT	P/1T1OT19A
1T1OR20A	O	R8	036		TO DSX-1 CROSS CONNECT	P/1T1OT20A
1T1OR21A	O	R10	040		TO DSX-1 CROSS CONNECT	P/1T1OT21A
1T1OR22A	O	R11	042		TO DSX-1 CROSS CONNECT	P/1T1OT22A
1T1OR23A	O	R13	047		TO DSX-1 CROSS CONNECT	P/1T1OT23A
1T1OR24A	O	R14	049		TO DSX-1 CROSS CONNECT	P/1T1OT24A
1T1OT15A	O	T1	016		TO DSX-1 CROSS CONNECT	P/1T1OR15A
1T1OT16A	O	T2	018		TO DSX-1 CROSS CONNECT	P/1T1OR16A
1T1OT17A	O	T4	022		TO DSX-1 CROSS CONNECT	P/1T1OR17A
1T1OT18A	O	T5	024		TO DSX-1 CROSS CONNECT	P/1T1OR18A
1T1OT19A	O	T7	035		TO DSX-1 CROSS CONNECT	P/1T1OR19A
1T1OT20A	O	T8	037		TO DSX-1 CROSS CONNECT	P/1T1OR20A
1T1OT21A	O	T10	041		TO DSX-1 CROSS CONNECT	P/1T1OR21A
1T1OT22A	O	T11	043		TO DSX-1 CROSS CONNECT	P/1T1OR22A
1T1OT23A	O	T13	048		TO DSX-1 CROSS CONNECT	P/1T1OR23A
1T1OT24A	O	T14	050		TO DSX-1 CROSS CONNECT	P/1T1OR24A

SYMBOL NO. 3

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI15	13-027	MC5D204A1	A	(Z)
SDFI15	13-027	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	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	AD84	120			
	I	AD85	121			
	I	AD86	122			
	I	AD87	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	AD80	220			
	I	AD81	221			
	I	AD82	222			
	I	AD83	223			
	I	ERD	233			
	I	DBOIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V13027	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VB	PWR	-48IN	000		2/1	
	PWR	-48IN	100		2/1	
	PWR	-48IN	200		2/1	
-48VBRTN	PWR	-48RTN	001		2/1	
	PWR	-48RTN	101		2/1	
	PWR	-48RTN	201		2/1	
GRD04088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD04108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
GRD13027	I	LIRST	018			

SYMBOL NO. 3 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI15	13-027	MC5D204A1	A	(Z)
SDFI15	13-027	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	003		TO DSX-1 CROSS CONNECT	
	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			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
01CP16	I	1CP	154		1/8	
01IDP16	O	1IDP	156		1/8	P/GRD04027
01NITP16	O	1KINTP	152		1/8	
01ODP16	I	1ODP	155		1/8	
01PBIN16	O	1PBIN	141		1/10	P/GRD04027
01PBON16	I	1PBON	140		1/10	
01SP16	I	1SP	153		1/8	
01MCN16	I	1MCN	143		1/10	
01BKSN16	I	1BKSN	142		1/10	
1PWRON	DT	PWRON	009		2/4,2/5 2/6,2/7 2/11,2/12 2/13,2/14 2/15	
1START	I	START	109		2/1 2/1	
1T1IR15	I	LIN	032		TO DSX-1 CROSS CONNECT	P/1T1IT15
1T1IT15	I	LIP	132		TO DSX-1 CROSS CONNECT	P/1T1IR15
1T1ON15	O	LON	024		2/2	P/1T1OP15
1T1OP15	O	LOP	124		2/2	P/1T1ON15
10CP00	I	0CP	148		2/8	
10IDP00	O	0IDP	150		2/8	
10NITP00	O	0NINTP	146		2/8	

PART OF FS 2

SYMBOL(S) 1 2 3

DIGITAL CARRIER LINE UNIT

DWG SIZE: C2

ISSUE: 4B

AT&T | SD-5D202-01 | B2CA

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 3 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI15	13-027	MC5D204A1	A	(Z)
SDFI15	13-027	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1000P00	I	0ODP	149		2/8	
10PBIN00	O	0PBIN	137		2/10	
10PBON00	I	0PBON	136		2/10	
10SP00	I	0SP	147		2/8	
104MCN00	I	04MCN	139		2/10	
108KSN00	I	08KSN	138		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 4

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI16	13-037	MC5D204A1	A	(Z)
SDFI16	13-037	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	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	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			

SYMBOL NO. 4 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI16	13-037	MC5D204A1	A	(Z)
SDFI16	13-037	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	D8DIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V13037	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VB	PWR	-48IN	000		2/1	
	PWR	-48IN	100		2/1	
	PWR	-48IN	200		2/1	
-48V8RTN	PWR	-48RTN	001		2/1	
	PWR	-48RTN	101		2/1	
	PWR	-48RTN	201		2/1	
GRD04088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD04108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
GRD13037	I	LIRST	018			
	GRD	GRD	003			
	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			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
01CP17	I	1CP	154		1/8	
01IDP17	O	1IDP	156		1/8	P/GRD04037
01NIT217	O	1KINTP	152		1/8	
01ODP17	I	1ODP	155		1/8	
01PBIN17	O	1PBIN	141		1/10	P/GRD04037

SYMBOL NO. 4 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI16	13-037	MC5D204A1	A	(Z)
SDFI16	13-037	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
01PBON17	I	1PBON	140		1/10	
01SP17	I	1SP	153		1/8	
014MCN17	I	14MCN	143		1/10	
018KSN17	I	18KSN	142		1/10	
1PWRON	OT	PWRCN	009		2/3	
1START	I	START	109		2/1	
1T1IR16	I	LIN	032		TO DSX-1 CROSS CONNECT	P/1T11T16
1T1IT16	I	LIP	132		TO DSX-1 CROSS CONNECT	P/1T1IR16
1T10N16	O	LON	024		2/2	P/1T10P16
1T10P16	O	LOP	124		2/2	P/1T10N16
10CP01	I	OCP	148		2/8	
10IDP01	O	OIDP	150		2/8	
10NITP01	O	ONINTP	146		2/8	
10ODP01	I	OODP	149		2/8	
10PBIN01	O	0PBIN	137		2/10	
10PBON01	I	0PBON	136		2/10	
10SP01	I	OSP	147		2/8	
104MCN01	I	04MCN	139		2/10	
108KSN01	I	08KSN	138		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 5

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI17	13-047	MC5D204A1	A	(Z)
SDFI17	13-047	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	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			

SYMBOL NO. 5 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI17	13-047	MC5D204A1	A	(Z)
SDFI17	13-047	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	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	D8DIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V13047	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VB	PWR	-48IN	000		2/1	
	PWR	-48IN	100		2/1	
	PWR	-48IN	200		2/1	
-48VBRTN	PWR	-48RTN	001		2/1	
	PWR	-48RTN	101		2/1	
	PWR	-48RTN	201		2/1	
GRD04088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD04108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
GRD13047	I	LIRST	018			
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			

PART OF FS 2

SYMBOL(S) 3 4 5

DIGITAL CARRIER LINE UNIT

DWG SIZE: D2

ISSUE: 4B

AT&T

SD-5D202-01

B2CB

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 5 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI17	13-047	MC5D204A1	A	(Z)
SDFI17	13-047	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			
	GRD	GRD	218			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
01CP18	I	1CP	154		1/8	
01IDP18	O	1IDP	156		1/8	P/GRD04047
01NITP18	O	1KINTP	152		1/8	
01ODP18	I	1ODP	155		1/8	
01PBIN18	O	1PBIN	141		1/10	P/GRD04047
01PBON18	I	1PBON	140		1/10	
01SP18	I	1SP	153		1/8	
014MCN18	I	14MCN	143		1/10	
018KSN18	I	18KSN	142		1/10	
1PWRON	OT	PWRON	009		2/3	
1START	I	START	109		2/1	
1T1IR17	I	LIN	032		TO DSX-1 CROSS CONNECT	P/1T1IT17
1T1IT17	I	LIP	132		TO DSX-1 CROSS CONNECT	P/1T1IR17
1T1ON17	O	LON	024		2/2	P/1T1OP17
1T1OP17	O	LOP	124		2/2	P/1T1ON17
10CP02	I	OCP	148		2/8	
10IDP02	O	OIDP	150		2/8	
10NITP02	O	ONINTP	146		2/8	
10ODP02	I	OODP	149		2/8	
10PBIN02	O	OPBIN	137		2/10	
10PBON02	I	OPBON	136		2/10	
10SP02	I	OSP	147		2/8	
104MCN02	I	04MCN	139		2/10	
108KSN02	I	08KSN	138		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 6

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI18	13-057	MC5D204A1	A	(Z)
SDFI18	13-057	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	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	AD84	120			
	I	AD85	121			
	I	AD86	122			
	I	AD87	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	AD80	220			
	I	AD81	221			
	I	AD82	222			
	I	AD83	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			
+5V13057	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VB	PWR	-48IN	000		2/1	
	PWR	-48IN	100		2/1	
	PWR	-48IN	200		2/1	
-48VBRTN	PWR	-48RTN	001		2/1	
	PWR	-48RTN	101		2/1	
	PWR	-48RTN	201		2/1	
GRD04088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD04108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
GRD13057	I	LIRST	018			

SYMBOL NO. 6 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI18	13-057	MC5D204A1	A	(Z)
SDFI18	13-057	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	003			
	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			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
01CP19	I	1CP	154		1/8	
01IDP19	O	1IDP	156		1/8	P/GRD04057
01NITP19	O	1KINTP	152		1/8	
01ODP19	I	1ODP	155		1/8	
01PBIN19	O	1PBIN	141		1/10	P/GRD04057
01PBON19	I	1PBON	140		1/10	
01SP19	I	1SP	153		1/8	
014MCN19	I	14MCN	143		1/10	
018KSN19	I	18KSN	142		1/10	
1PWRON	OT	PWRON	009		2/3	
1START	I	START	109		2/1	
1T1IR18	I	LIN	032		TO DSX-1 CROSS CONNECT	P/1T1IT18
1T1IT18	I	LIP	132		TO DSX-1 CROSS CONNECT	P/1T1IR18
1T1ON18	O	LON	024		2/2	P/1T1OP18
1T1OP18	O	LOP	124		2/2	P/1T1ON18
10CP03	I	OCP	148		2/8	
10IDP03	O	OIDP	150		2/8	
10NITP03	O	ONINTP	146		2/8	
10ODP03	I	OODP	149		2/8	
10PBIN03	O	OPBIN	137		2/10	
10PBON03	I	OPBON	136		2/10	
10SP03	I	OSP	147		2/8	
104MCN03	I	04MCN	139		2/10	
108KSN03	I	08KSN	138		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

PART OF FS 2

SYMBOL(S) 5 6

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
C	4B

AT&T | SD-5D202-01 | B2CC

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 7

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI19	13-067	MC5D204A1	A	(Z)
SDFI19	13-067	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	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	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			
+5V13067	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VB	PWR	-48IN	000		2/1	
	PWR	-48IN	100		2/1	
	PWR	-48IN	200		2/1	
-48VBRTN	PWR	-48RTN	001		2/1	
	PWR	-48RTN	101		2/1	
	PWR	-48RTN	201		2/1	
GRD04088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD04108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
GRD13067	I	LIRST	018			

SYMBOL NO. 7 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI19	13-067	MC5D204A1	A	(Z)
SDFI19	13-067	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	003			
	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			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
01CPZ0	I	1CP	154		1/8	
01IDPZ0	O	1IDP	156		1/8	P/GRD04067
01N1TPZ0	O	1KINTP	152		1/8	
01ODPZ0	I	1ODP	155		1/8	
01PBINZ0	O	1PBIN	141		1/10	P/GRD04067
01PBONZ0	I	1PBON	140		1/10	
01SPZ0	I	1SP	153		1/8	
014MCNZ0	I	14MCN	143		1/10	
018KSNZ0	I	18KSN	142		1/10	
1PWRON	OT	PWRON	009		2/3	
1START	I	START	109		2/1	
1T1IR19	I	LIN	032		TO DSX-1 CROSS CONNECT	P/1T1IT19
1T1IT19	I	LIP	132		TO DSX-1 CROSS CONNECT	P/1T1IR19
1T1ON19	O	LON	024		2/2	P/1T1OP19
1T1OP19	O	LOP	124		2/2	P/1T1ON19
10CP04	I	OCP	148		2/8	
10IDP04	O	OIDP	150		2/8	
10N1TP04	O	ONINTP	146		2/8	
10ODP04	I	OODP	149		2/8	
10PBIN04	O	OPBIN	137		2/10	
10PBON04	I	OPBON	136		2/10	
10SP04	I	OSP	147		2/8	
104MCN04	I	O4MCN	139		2/10	
108KSN04	I	O8KSN	138		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 8

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CMUX	13-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	I	TP	032			
	GRD	GRD	212			
	GRD	GRD	452			
+5V1	PWR	+5	000		1/9	
	PWR	+5	100		1/9	
	PWR	+5	200		1/9	
	PWR	+5	300		1/9	
	PWR	+5	400		1/9	
	PWR	+5	500		1/9	
-DDSO	O	DSS	221		1/9	
FRGRDB	GRD	GRD	001		2/9,2/10	
					2/9 TO CONN CKT	
GRD13088	GRD	GRD	005		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	011			
	GRD	GRD	018			
	GRD	GRD	024			
	GRD	GRD	101			NOTE 1
	GRD	GRD	112			NOTE 1
	GRD	GRD	115			
	GRD	GRD	121			
	GRD	GRD	145			
	GRD	GRD	151			
	GRD	GRD	201			NOTE 1
	GRD	GRD	215			NOTE 1
	GRD	GRD	234			NOTE 1
	GRD	GRD	256			
	GRD	GRD	301			NOTE 1
	GRD	GRD	312			NOTE 1
	GRD	GRD	315			
	GRD	GRD	340			NOTE 1
	GRD	GRD	401			NOTE 1
	GRD	GRD	412			NOTE 1
	GRD	GRD	415			NOTE 1
	GRD	GRD	421			NOTE 1
	GRD	GRD	434			
	GRD	GRD	436			NOTE 1
	GRD	GRD	438			
	GRD	GRD	442			
	GRD	GRD	444			
	GRD	GRD	446			
	GRD	GRD	448			
	GRD	GRD	450			
	GRD	GRD	454			
	GRD	GRD	456			
	GRD	GRD	501			NOTE 1
	GRD	GRD	506			
	GRD	GRD	513			
	GRD	GRD	519			
	GRD	GRD	532			
	GRD	GRD	538			
	GRD	GRD	545			
	GRD	GRD	551			
1AADRPER	I	AADRPER	113		2/10	
1ARAMWR0	OT	ARAMWR0	332		2/10	
1ARMXCTP	O	ARMUXCTP	544		2/10	
1ARMXCT0	O	ARMUXCT0	356		2/10	
1ARMXCT1	O	ARMUXCT1	455		2/10	
1ARMXCT2	O	ARMUXCT2	453		2/10	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CMUX	13-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1ARMXCT3	O	ARMUXCT3	451		2/10	
1ARMXCT4	O	ARMUXCT4	449		2/10	
1ARMXCT5	O	ARMUXCT5	447		2/10	
1ASM	I	ASM	132		2/10	
1AXMXCTP	OT	AXMUXCTP	232		2/10	
1AXMXCTO	O	AXMUXCTO	124		2/10	
1AXMXCT1	O	AXMUXCT1	123		2/10	
1AXMXCT2	O	AXMUXCT2	122		2/10	
1AXMXCT3	O	AXMUXCT3	222		2/10	
1AXMXCT4	O	AXMUXCT4	223		2/10	
1AXMXCT5	O	AXMUXCT5	224		2/10	
1AX0A	O	AX0A	045		2/10	
1AX0B	O	AX0B	504		2/10	
1AX1A	O	AX1A	051		2/10	
1AX1B	O	AX1B	004		2/10	
1BADRPER	I	BADRPER	114		2/10	
1BRAMWR0	O	BRAMWR0	333		2/10	
1BRMXCTP	O	BRMUXCTP	435		2/10	
1BRMXCT0	O	BRMUXCT0	445		2/10	
1BRMXCT1	O	BRMUXCT1	443		2/10	
1BRMXCT2	O	BRMUXCT2	441		2/10	
1BRMXCT3	O	BRMUXCT3	440		2/10	
1BRMXCT4	O	BRMUXCT4	439		2/10	
1BRMXCT5	O	BRMUXCT5	437		2/10	
1BXMXCTP	O	BXMUXCTP	432		2/10	
1BXMXCT0	O	BXMUXCT0	324		2/10	
1BXMXCT1	O	BXMUXCT1	323		2/10	
1BXMXCT2	O	BXMUXCT2	322		2/10	
1BXMXCT3	O	BXMUXCT3	422		2/10	
1BXMXCT4	O	BXMUXCT4	423		2/10	
1BXMXCT5	O	BXMUXCT5	424		2/10	
1CLEARA	O	CLEARA	314		2/10	
1CLEARB	O	CLEARB	313		2/10	
1DATASHF	OT	DATASHFT	240		2/10	
1DESTAX	OT	DESTAX	433		2/10	
1DESTRST	OT	DESTRST	233		2/10	
1DFILP	I	DFILP	505		2/10	
1PROG1	I	PROG1	503		2/9,2/10	
1PROG2	I	PROG2	003		2/9,2/10	
1P1D8SEL	O	P1D8SEL	213		2/10	
1RAMSYNC	I	RAMSYNC	334		2/10	
1RDDATA	I	RDDATA	512		2/10	
1RDPULSE	O	RDPULSE	012		2/10	
1S1DESEL	O	S1DESEL	214		2/10	
1WRDATA	OT	WRDATA	144		2/10	
1WRPULSE	OT	WRPULSE	044		2/10	
10ACN	I	OACN	048		TO CONN CKT	
10ACP	I	OACP	148		TO CONN CKT	
10AIDN	O	OAIDN	050		TO CONN CKT	
10AIDP	O	OAIDP	150		TO CONN CKT	

PART OF FS 2

SYMBOL(S) 7 8

DIGITAL CARRIER LINE UNIT

DWG SIZE: D2 | ISSUE: 4B

AT&T | SD-5D202-01 | B2CD

PRINTED IN U.S.A.

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG: 1CMUX | EQPT LOC: 13-088 | CODE: UN120 | ELEM IDENT: A | OPT:

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
10ANINTN	O	0ANINTN	046		TO CONN CKT	
10ANINTP	O	0ANINTP	146		TO CONN CKT	
10AODN	I	0ADN	049		TO CONN CKT	
10AODP	I	0ADP	149		TO CONN CKT	
10ASN	I	0ASN	047		TO CONN CKT	
10ASP	I	0ASP	147		TO CONN CKT	
10BCN	I	0BCN	035		TO CONN CKT	
10BCP	I	0BCP	135		TO CONN CKT	
10BIDN	O	0BIDN	037		TO CONN CKT	
10BIDP	O	0BIDP	137		TO CONN CKT	
10BNINTN	O	0BNINTN	033		TO CONN CKT	
10BNINTP	O	0BNINTP	133		TO CONN CKT	
10BODN	I	0BODN	036		TO CONN CKT	
10BODP	I	0BODP	136		TO CONN CKT	
10BSN	I	0BSN	034		TO CONN CKT	
10BSP	I	0BSP	134		TO CONN CKT	
10CP00	O	C0	109		2/3	
10CP01	O	C1	118		2/4	
10CP02	O	C2	243		2/5	
10CP03	O	C3	253		2/6	
10CP04	O	C4	248		2/7	
10CP05	O	C5	348		2/11	
10CP06	O	C6	353		2/12	
10CP07	O	C7	343		2/13	
10CP08	O	C8	318		2/14	
10CP09	O	C9	307		2/15	
10CP10	O	C10	008		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10CP11	O	C11	015		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10CP12	O	C12	021		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10CP13	O	C13	548		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10CP14	O	C14	554		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10IDP00	I	R0	111		2/3	
10IDP01	I	R1	120		2/4	
10IDP02	I	R2	245		2/5	
10IDP03	I	R3	255		2/6	
10IDP04	I	R4	250		2/7	
10IDP05	I	R5	350		2/11	
10IDP06	I	R6	355		2/12	
10IDP07	I	R7	345		2/13	
10IDP08	I	R8	320		2/14	
10IDP09	I	R9	311		2/15	
10IDP10	I	R10	006		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10IDP11	I	R11	013		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG: 1CMUX | EQPT LOC: 13-088 | CODE: UN120 | ELEM IDENT: A | OPT:

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
10IDP12	I	R12	019		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10IDP13	I	R13	550		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10IDP14	I	R14	556		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10NITP00	I	I0	107		2/3	
10NITP01	I	I1	116		2/4	
10NITP02	I	I2	241		2/5	
10NITP03	I	I3	251		2/6	
10NITP04	I	I4	246		2/7	
10NITP05	I	I5	346		2/11	
10NITP06	I	I6	351		2/12	
10NITP07	I	I7	341		2/13	
10NITP08	I	I8	316		2/14	
10NITP09	I	I9	307		2/15	
10NITP10	I	I10	010		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10NITP11	I	I11	017		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10NITP12	I	I12	023		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10NITP13	I	I13	546		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10NITP14	I	I14	552		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10ODP00	O	00	110		2/3	
10ODP01	O	01	119		2/4	
10ODP02	O	02	244		2/5	
10ODP03	O	03	254		2/6	
10ODP04	O	04	249		2/7	
10ODP05	O	05	349		2/11	
10ODP06	O	06	354		2/12	
10ODP07	O	07	344		2/13	
10ODP08	O	08	319		2/14	
10ODP09	O	09	310		2/15	
10ODP10	O	010	007		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10ODP11	O	011	014		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10ODP12	O	012	020		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10ODP13	O	013	549		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10ODP14	O	014	555		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG: 1CMUX | EQPT LOC: 13-088 | CODE: UN120 | ELEM IDENT: A | OPT:

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
10SP00	O	S0	108		2/3	
10SP01	O	S1	117		2/4	
10SP02	O	S2	242		2/5	
10SP03	O	S3	252		2/6	
10SP04	O	S4	247		2/7	
10SP05	O	S5	347		2/11	
10SP06	O	S6	352		2/12	
10SP07	O	S7	342		2/13	
10SP08	O	S8	317		2/14	
10SP09	O	S9	308		2/15	
10SP10	O	S10	009		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10SP11	O	S11	016		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10SP12	O	S12	022		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10SP13	O	S13	547		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10SP14	O	S14	553		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11ACN	I	1ACN	054		TO CONN CKT	
11ACP	I	1ACP	154		TO CONN CKT	
11AIDN	O	1AIDN	056		TO CONN CKT	
11AIDP	O	1AIDP	156		TO CONN CKT	
11ANINTN	O	1ANINTN	052		TO CONN CKT	
11ANINTP	O	1ANINTP	152		TO CONN CKT	
11AODN	I	1AODN	055		TO CONN CKT	
11AODP	I	1AODP	155		TO CONN CKT	
11ASN	I	1ASN	053		TO CONN CKT	
11ASP	I	1ASP	153		TO CONN CKT	
11BCN	I	1BCN	041		TO CONN CKT	
11BCP	I	1BCP	141		TO CONN CKT	
11BIDN	O	1BIDN	043		TO CONN CKT	
11BIDP	O	1BIDP	143		TO CONN CKT	
11BNINTN	O	1BNINTN	039		TO CONN CKT	
11BNINTP	O	1BNINTP	139		TO CONN CKT	
11BODN	I	1BODN	042		TO CONN CKT	
11BODP	I	1BODP	142		TO CONN CKT	
11BSN	I	1BSN	040		TO CONN CKT	
11BSP	I	1BSP	140		TO CONN CKT	
11CP16	O	C16	104		1/3	P/GRD04088
11CP17	O	C17	204		1/4	P/GRD04088
11CP18	O	C18	209		1/5	P/GRD04088
11CP19	O	C19	218		1/6	P/GRD04088
11CP20	O	C20	237		1/7	P/GRD04088
11CP21	O	C21	337		1/11	P/GRD04088
11CP22	O	C22	418		1/12	P/GRD04088
11CP23	O	C23	409		1/13	P/GRD04088
11CP24	O	C24	404		1/14	P/GRD04088
11CP25	O	C25	304		1/15	P/GRD04088
11CP26	O	C26	509		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11CP27	O	C27	516		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG: 1CMUX | EQPT LOC: 13-088 | CODE: UN120 | ELEM IDENT: A | OPT:

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
11CP28	O	C28	522		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11CP29	O	C29	535		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11CP30	O	C30	541		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11IDP16	I	R16	106		1/3	
11IDP17	I	R17	206		1/4	
11IDP18	I	R18	211		1/5	
11IDP19	I	R19	220		1/6	
11IDP20	I	R20	239		1/7	
11IDP21	I	R21	339		1/11	
11IDP22	I	R22	420		1/12	
11IDP23	I	R23	411		1/13	
11IDP24	I	R24	406		1/14	
11IDP25	I	R25	306		1/15	
11IDP26	I	R26	511		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11IDP27	I	R27	518		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11IDP28	I	R28	524		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11IDP29	I	R29	537		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11IDP30	I	R30	543		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11NITP16	I	I16	102		1/3	
11NITP17	I	I17	202		1/4	
11NITP18	I	I18	207		1/5	
11NITP19	I	I19	216		1/6	
11NITP20	I	I20	235		1/7	
11NITP21	I	I21	335		1/11	
11NITP22	I	I22	416		1/12	
11NITP23	I	I23	407		1/13	
11NITP24	I	I24	402		1/14	
11NITP25	I	I25	302		1/15	
11NITP26	I	I26	507		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT	

PART OF FS Z

SYMBOL(S) 8

DIGITAL CARRIER LINE UNIT

DWG SIZE: C2 | ISSUE: 3M

AT&T | SD-5D202-01 | B2CE

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CMUX	13-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
11NITP27	I	I27	514		CKT TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11NITP28	I	I23	520		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11NITP29	I	I29	533		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11NITP30	I	I30	539		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11NTA	I	INTA	414		2/10	
11NTB	I	INTB	413		2/10	
11ODP16	O	016	105		1/3	P/GRD04088
11ODP17	O	017	205		1/4	P/GRD04088
11ODP18	O	018	210		1/5	P/GRD04088
11ODP19	O	019	219		1/6	P/GRD04088
11ODP20	O	020	238		1/7	P/GRD04088
11ODP21	O	021	338		1/11	P/GRD04088
11ODP22	O	022	419		1/12	P/GRD04088
11ODP23	O	023	410		1/13	P/GRD04088
11ODP24	O	024	405		1/14	P/GRD04088
11ODP25	O	025	305		1/15	P/GRD04088
11ODP26	O	026	510		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11ODP27	O	027	517		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11ODP28	O	028	523		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11ODP29	O	029	536		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11ODP30	O	030	542		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11SP16	O	S16	103		1/3	
11SP17	O	S17	203		1/4	
11SP18	O	S18	208		1/5	
11SP19	O	S19	217		1/6	
11SP20	O	S20	236		1/7	
11SP21	O	S21	336		1/11	
11SP22	O	S22	417		1/12	
11SP23	O	S23	408		1/13	
11SP24	O	S24	403		1/14	
11SP25	O	S25	303		1/15	
11SP26	O	S26	508		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11SP27	O	S27	515		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11SP28	O	S28	521		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CMUX	13-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
11SP29	O	S29	534		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11SP30	O	S30	540		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
1256CK1	I	256CK	002		2/10	
14MCLK	I	4MCLK	502		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 9

POWER UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1PU	13-098	494LA	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	INT	012			
	O	ALM2	014			
	O	INT	112			
	O	ALM1	113			
	I	RS4	010			
	I	RS1	011			
	I	SC(+)	019			
	I	SB(+)	118			
+12V1	OT	VOUT2(-)	123		2/9	
	OT	VOUT2(+)	124		2/9	
	OT	VOUT2(+)	024			
	I					
+5V0	O	DOS(+)	015		2/10	
					1/8,1/9	
					1/10	
					1/9	
+5V1	PWR	VOUT1(+)	045		1/9	
	PWR	VOUT1(+)	046		1/9	
	PWR	VOUT1(+)	047		1/9	
	PWR	VOUT1(+)	048		1/9	
	PWR	VOUT1(+)	049		1/9	
	PWR	VOUT1(+)	050		1/9	
	PWR	VOUT1(+)	051		1/9	
	PWR	VOUT1(+)	052		1/9	
	PWR	VOUT1(+)	053		1/9	
	PWR	VOUT1(+)	054		1/9	
	PWR	VOUT1(+)	055		1/9	
	PWR	VOUT1(+)	056		1/9	
	PWR	VOUT1(+)	145		1/9	
	PWR	VOUT1(+)	146		1/9	
	PWR	VOUT1(+)	147		1/9	
	PWR	VOUT1(+)	148		1/9	
	PWR	VOUT1(+)	149		1/9	
	PWR	VOUT1(+)	150		1/9	

SYMBOL NO. 9 (CONT)

POWER UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1PU	13-098	494LA	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PWR	VOUT1(+)	151		1/9	
	PWR	VOUT1(+)	152		1/9	
	PWR	VOUT1(+)	153		1/9	
	PWR	VOUT1(+)	154		1/9	
	PWR	VOUT1(+)	155		1/9	
	PWR	VOUT1(+)	156		1/9	
-ODS1	I	SA(+)	018		1/9	
-48VB	I	ODS(-)	115		1/8	
	PWR	VIN(-)	006		2/1	
	PWR	VIN(-)	007		2/1	
	PWR	VIN(-)	008		2/1	
	PWR	VIN(-)	106		2/1	
	PWR	VIN(-)	107		2/1	
	PWR	VIN(-)	108		2/1	
-48VBRTN	GRD	VIN(+)	003		2/1	
	GRD	VIN(+)	004		2/1	
	GRD	VIN(+)	005		2/1	
	GRD	VIN(+)	102		2/1	
	GRD	VIN(+)	103		2/1	
	GRD	VIN(+)	104		2/1	
FRGRDB	I	VOUT2(-)	022		2/8	
	I	VOUT2(-)	023		2/8	
	I	S(-)	119		2/8	
	I	VOUT2(-)	122		2/8	
	GRD	FRGRD	000		2/8	
	GRD	FRGRD	001		2/8	
	GRD	FRGRD	100		2/8	
	GRD	FRGRD	101		2/8	
GRD13098	GRD	VOUT1(-)	032			
	GRD	VOUT1(-)	033			
	GRD	VOUT1(-)	034			
	GRD	VOUT1(-)	035			
	GRD	VOUT1(-)	036			
	GRD	VOUT1(-)	037			
	GRD	VOUT1(-)	038			
	GRD	VOUT1(-)	039			
	GRD	VOUT1(-)	040			
	GRD	VOUT1(-)	041			
	GRD	VOUT1(-)	042			
	GRD	VOUT1(-)	043			
	GRD	VOUT1(-)	132			
	GRD	VOUT1(-)	133			
	GRD	VOUT1(-)	134			
	GRD	VOUT1(-)	135			
	GRD	VOUT1(-)	136			
	GRD	VOUT1(-)	137			
	GRD	VOUT1(-)	138			
	GRD	VOUT1(-)	139			
	GRD	VOUT1(-)	140			
	GRD	VOUT1(-)	141			
	GRD	VOUT1(-)	142			
	GRD	VOUT1(-)	143			
1PROG1	I	CP(+)	017		2/8	
1PROG2	I	CP(-)	117		2/8	
1SPPW	I	RS3	109			
	I	RS2	110			

PART OF FS 2

SYMBOL(S) 8 9

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
C2	3M

AT&T | SD-5D202-01 | B2CF

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 10

DATA MUX

DESIG: 1DMUX | EQPT LOC: 13-108 | CODE: UN121 | ELEM IDENT: A | OPT:

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+12V1	I	+12VDC	405		2/9	
+5V1	PWR	+5VDC	000		1/9	
	PWR	+5VDC	100		1/9	
	PWR	+5VDC	200		1/9	
	PWR	+5VDC	300		1/9	
	PWR	+5VDC	400		1/9	
	PWR	+5VDC	500		1/9	
FRGRDB	GRD	GRD	501		2/8	
GRD13108	GRD	GRD	001		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	003			
	GRD	GRD	012			
	GRD	GRD	044			
	GRD	GRD	048			
	GRD	GRD	101			
	GRD	GRD	102			
	GRD	GRD	105			
	GRD	GRD	107			
	GRD	GRD	109			NOTE 1
	GRD	GRD	111			NOTE 1
	GRD	GRD	113			
	GRD	GRD	115			
	GRD	GRD	117			NOTE 1
	GRD	GRD	119			NOTE 1
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	144			
	GRD	GRD	148			
	GRD	GRD	201			
	GRD	GRD	207			
	GRD	GRD	216			
	GRD	GRD	232			
	GRD	GRD	234			
	GRD	GRD	236			
	GRD	GRD	238			
	GRD	GRD	240			
	GRD	GRD	242			
	GRD	GRD	250			NOTE 1
	GRD	GRD	252			NOTE 1
	GRD	GRD	254			NOTE 1
	GRD	GRD	256			NOTE 1
	GRD	GRD	301			
	GRD	GRD	307			
	GRD	GRD	316			
	GRD	GRD	344			
	GRD	GRD	348			
	GRD	GRD	401			
	GRD	GRD	404			
	GRD	GRD	406			
	GRD	GRD	408			NOTE 1
	GRD	GRD	410			NOTE 1
	GRD	GRD	412			NOTE 1
	GRD	GRD	414			
	GRD	GRD	416			
	GRD	GRD	418			
	GRD	GRD	420			NOTE 1
	GRD	GRD	422			
	GRD	GRD	424			

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG: 1DMUX | EQPT LOC: 13-108 | CODE: UN121 | ELEM IDENT: A | OPT:

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	433			
	GRD	GRD	435			
	GRD	GRD	437			
	GRD	GRD	439			NOTE 1
	GRD	GRD	441			NOTE 1
	GRD	GRD	443			NOTE 1
	GRD	GRD	449			NOTE 1
	GRD	GRD	451			NOTE 1
	GRD	GRD	453			NOTE 1
	GRD	GRD	455			NOTE 1
	GRD	GRD	503			
	GRD	GRD	512			
	GRD	GRD	544			NOTE 1
	GRD	GRD	548			
1AADRPER	O	AADRPER	122		2/8	
1ARAMWR0	OT	ARAMWR0	246		2/8	
1ARMXCTP	I	ARMUXCTP	445		2/8	
1ARMXCT0	I	ARMUXCT0	547		2/8	
1ARMXCT1	I	ARMUXCT1	546		2/8	
1ARMXCT2	I	ARMUXCT2	545		2/8	
1ARMXCT3	I	ARMUXCT3	448		2/8	
1ARMXCT4	I	ARMUXCT4	447		2/8	
1ARMXCT5	I	ARMUXCT5	446		2/8	
1ASW	O	ASW	243		2/8	
1AXMXCTP	OT	AXMUXCTP	249		2/8	
1AXMXCT0	I	AXMUXCT0	047		2/8	
1AXMXCT1	I	AXMUXCT1	046		2/8	
1AXMXCT2	I	AXMUXCT2	045		2/8	
1AXMXCT3	I	AXMUXCT3	145		2/8	
1AXMXCT4	I	AXMUXCT4	146		2/8	
1AXMXCT5	I	AXMUXCT5	147		2/8	
1AX0A	I	AX0A	346		2/8	
1AX08	I	AX08	402		2/8	
1AX1A	I	AX1A	347		2/8	
1AX1B	I	AX1B	103		2/8	
1BADRPER	O	BADRPER	124		2/8	
1BRAMWR0	I	BRAMWR0	135		2/8	
1BRMXCTP	I	BRMUXCTP	432		2/8	
1BRMXCT0	I	BRMUXCT0	444		2/8	
1BRMXCT1	I	BRMUXCT1	442		2/8	
1BRMXCT2	I	BRMUXCT2	440		2/8	
1BRMXCT3	I	BRMUXCT3	438		2/8	
1BRMXCT4	I	BRMUXCT4	436		2/8	
1BRMXCT5	I	BRMUXCT5	434		2/8	
1BXMXCTP	I	BXMUXCTP	134		2/8	
1BXMXCT0	I	BXMUXCT0	035		2/8	
1BXMXCT1	I	BXMUXCT1	034		2/8	
1BXMXCT2	I	BXMUXCT2	033		2/8	
1BXMXCT3	I	BXMUXCT3	032		2/8	
1BXMXCT4	I	BXMUXCT4	132		2/8	
1BXMXCT5	I	BXMUXCT5	133		2/8	
1CLEARA	I	CLEARA	415		2/8	
1CLEARB	I	CLEARB	413		2/8	
1DATASHF	OT	DATASHFT	244		2/8	
1DESTAX	OT	DESTAX	247		2/8	
1DESTRST	OT	DESTRST	248		2/8	
1DFILP	O	DFILP	403		2/8	
1PROG1	I	PROG1	302		2/8	
1PROG2	I	PROG2	202		2/8	
1P1DBSEL	I	P1DBSEL	114		2/8	

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG: 1DMUX | EQPT LOC: 13-108 | CODE: UN121 | ELEM IDENT: A | OPT:

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1RAMSYNC	O	RAMSYNC	245		2/8	
1RDDATA	O	RDDATA	106		2/8	
1RDPULSE	I	RDPULSE	104		2/8	
1S1DESEL	I	S1DESEL	116		2/8	
1WRDATA	OT	WRDATA	239		2/8	
1WRPULSE	OT	WRPULSE	241		2/8	
10APBIN	O	OAPBIN	150		TO CONN CKT	
10APBIP	O	OAPBIP	050		TO CONN CKT	
10APBON	I	OAPBON	149		TO CONN CKT	
10APBOP	I	OAPBOP	049		TO CONN CKT	
10A4MCN	I	OA4MCN			TO CONN CKT	
10A4MCP	I	OA4MCP	052		TO CONN CKT	
10A8KSN	I	OA8KSN	151		TO CONN CKT	
10A8KSP	I	OA8KSP	051		TO CONN CKT	
10BPBIN	O	OBPBIN	137		TO CONN CKT	
10BPBIP	O	OBPBIP	037		TO CONN CKT	
10BPBON	I	OBPBON	136		TO CONN CKT	
10BPBOP	I	OBPBOP	036		TO CONN CKT	
10B4MCN	I	OB4MCN	139		TO CONN CKT	
10B4MCP	I	OB4MCP	039		TO CONN CKT	
10B8KSN	I	OB8KSN	138		TO CONN CKT	
10B8KSP	I	OB8KSP	038		TO CONN CKT	
10PBIN00	I	RDATA0	204		2/3	
10PBIN01	I	RDATA1	213		2/4	
10PBIN02	I	RDATA2	222		2/5	
10PBIN03	I	RDATA3	333		2/6	
10PBIN04	I	RDATA4	337		2/7	
10PBIN05	I	RDATA5	537		2/11	
10PBIN06	I	RDATA6	533		2/12	
10PBIN07	I	RDATA7	322		2/13	
10PBIN08	I	RDATA8	313		2/14	
10PBIN09	I	RDATA9	304		2/15	
10PBIN10	I	RDATA10	006		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10PBIN11	I	RDATA11	010		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10PBIN12	I	RDATA12	015		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10PBIN13	I	RDATA13	019		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10PBIN14	I	RDATA14	023		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10PBON00	O	XDATA0	203		2/3	
10PBON01	O	XDATA1	212		2/4	
10PBON02	O	XDATA2	221		2/5	
10PBON03	O	XDATA3	332		2/6	
10PBON04	O	XDATA4	336		2/7	
10PBON05	O	XDATA5	536		2/11	
10PBON06	O	XDATA6	532		2/12	
10PBON07	O	XDATA7	321		2/13	
10PBON08	O	XDATA8	312		2/14	
10PBON09	O	XDATA9	303		2/15	
10PBON10	O	XDATA10	007		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG: 1DMUX | EQPT LOC: 13-108 | CODE: UN121 | ELEM IDENT: A | OPT:

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
10PBON11	O	XDATA11	011		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10PBON12	O	XDATA12	016		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10PBON13	O	XDATA13	020		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10PBON14	O	XDATA14	024		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
104MCN00	O	SYSCLK0	206		2/3	
104MCN01	O	SYSCLK1	215		2/4	
104MCN02	O	SYSCLK2	224		2/5	
104MCN03	O	SYSCLK3	335		2/6	
104MCN04	O	SYSCLK4	339		2/7	
104MCN05	O	SYSCLK5	539		2/11	
104MCN06	O	SYSCLK6	535		2/12	
104MCN07	O	SYSCLK7	324		2/13	
104MCN08	O	SYSCLK8	315		2/14	
104MCN09	O	SYSCLK9	306		2/15	
104MCN10	O	SYSCLK10	004		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
104MCN11	O	SYSCLK11	008		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
104MCN12	O	SYSCLK12	013		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
104MCN13	O	SYSCLK13	017		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
104MCN14	O	SYSCLK14	021		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
108KSN00	O	SYNC0	205		2/3	
108KSN01	O	SYNC1	214		2/4	
108KSN02	O	SYNC2	223		2/5	
108KSN03	O	SYNC3	334		2/6	
108KSN04	O	SYNC4	338		2/7	
108KSN05	O	SYNC5	538		2/11	
108KSN06	O	SYNC6	534		2/12	
108KSN07	O	SYNC7	323		2/13	
108KSN08	O	SYNC8	314		2/14	
108KSN09	O	SYNC9	305		2/15	
108KSN10	O	SYNC10	005		TO DIGITAL	

PART OF FS 2

SYMBOL(S) 10

DIGITAL CARRIER LINE UNIT

DWG SIZE: C2 | ISSUE: 3M

AT&T | SD-5D202-01 | B2CG

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1DMUX	13-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					CARRIER LINE UNIT SUPPLEMENT CKT	
108KSN11	O	SYNC11	009		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
108KSN12	O	SYNC12	014		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
108KSN13	O	SYNC13	018		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
108KSN14	O	SYNC14	022		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11APBIN	O	1APBIN	154		TO CONN CKT	
11APBIP	O	1APBIP	054		TO CONN CKT	
11APBON	I	1APBON	153		TO CONN CKT	
11APBOP	I	1APBOP	053		TO CONN CKT	
11A4MCN	I	1A4MCN	156		TO CONN CKT	
11A4MCP	I	1A4MCP	056		TO CONN CKT	
11A8KSN	I	1A8KSN	155		TO CONN CKT	
11A8KSP	I	1A8KSP	055		TO CONN CKT	
11BPBIN	O	1BPBIN	141		TO CONN CKT	
11BPBIP	O	1BPBIP	041		TO CONN CKT	
11BPBON	I	1BPBON	140		TO CONN CKT	
11BPBOP	I	1BPBOP	040		TO CONN CKT	
11B4MCN	I	1B4MCN	143		TO CONN CKT	
11B4MCP	I	1B4MCP	043		TO CONN CKT	
11B8KSN	I	1B8KSN	142		TO CONN CKT	
11B8KSP	I	1B8KSP	042		TO CONN CKT	
11NTA	O	1NTA	423		2/8	
11NTB	O	1NTB	421		2/8	
11PBIN16	I	RDATA16	209		1/3	
11PBIN17	I	RDATA17	218		1/4	
11PBIN18	I	RDATA18	341		1/5	
11PBIN19	I	RDATA19	350		1/6	
11PBIN20	I	RDATA20	354		1/7	
11PBIN21	I	RDATA21	554		1/11	
11PBIN22	I	RDATA22	550		1/12	
11PBIN23	I	RDATA23	541		1/13	
11PBIN24	I	RDATA24	318		1/14	
11PBIN25	I	RDATA25	309		1/15	
11PBIN26	I	RDATA26	505		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11PBIN27	I	RDATA27	509		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11PBIN28	I	RDATA28	514		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11PBIN29	I	RDATA29	518		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11PBIN30	I	RDATA30	522		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11PBON16	O	XDATA16	208		1/3	P/GRD04108
11PBON17	O	XDATA17	217		1/4	P/GRD04108

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1DMUX	13-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
11PBON18	O	XDATA18	340		1/5	P/GRD04108
11PBON19	O	XDATA19	349		1/6	P/GRD04108
11PBON20	O	XDATA20	353		1/7	P/GRD04108
11PBON21	O	XDATA21	553		1/11	P/GRD04108
11PBON22	O	XDATA22	549		1/12	P/GRD04108
11PBON23	O	XDATA23	540		1/13	P/GRD04108
11PBON24	O	XDATA24	317		1/14	P/GRD04108
11PBON25	O	XDATA25	308		1/15	P/GRD04108
11PBON26	O	XDATA26	504		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11PBON27	O	XDATA27	508		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11PBON28	O	XDATA28	513		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11PBON29	O	XDATA29	517		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11PBON30	O	XDATA30	521		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
114MCN16	O	SYSCLK16	211		1/3	P/GRD04108
114MCN17	O	SYSCLK17	220		1/4	P/GRD04108
114MCN18	O	SYSCLK18	343		1/5	P/GRD04108
114MCN19	O	SYSCLK19	352		1/6	P/GRD04108
114MCN20	O	SYSCLK20	356		1/7	P/GRD04108
114MCN21	O	SYSCLK21	556		1/11	P/GRD04108
114MCN22	O	SYSCLK22	552		1/12	P/GRD04108
114MCN23	O	SYSCLK23	543		1/13	P/GRD04108
114MCN24	O	SYSCLK24	320		1/14	P/GRD04108
114MCN25	O	SYSCLK25	311		1/15	P/GRD04108
114MCN26	O	SYSCLK26	507		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
114MCN27	O	SYSCLK27	511		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
114MCN28	O	SYSCLK28	516		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
114MCN29	O	SYSCLK29	520		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
114MCN30	O	SYSCLK30	524		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
118KSN16	O	SYNC16	210		1/3	P/GRD04108
118KSN17	O	SYNC17	219		1/4	P/GRD04108
118KSN18	O	SYNC18	342		1/5	P/GRD04108
118KSN19	O	SYNC19	351		1/6	P/GRD04108
118KSN20	O	SYNC20	355		1/7	P/GRD04108
118KSN21	O	SYNC21	555		1/11	P/GRD04108
118KSN22	O	SYNC22	551		1/12	P/GRD04108
118KSN23	O	SYNC23	542		1/13	P/GRD04108

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1DMUX	13-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
118KSN24	O	SYNC24	319		1/14	P/GRD04108
118KSN25	O	SYNC25	310		1/15	P/GRD04108
118KSN26	O	SYNC26	506		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
118KSN27	O	SYNC27	510		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
118KSN28	O	SYNC28	515		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
118KSN29	O	SYNC29	519		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
118KSN30	O	SYNC30	523		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
1256CK1	O	256CK1	502		2/8	
14MCLK	O	4MCLK	002		2/8	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 11

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDF120	13-129	MC5D204A1	A	(Z)
SDF120	13-129	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	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	AD84	120			

SYMBOL NO. 11 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDF120	13-129	MC5D204A1	A	(Z)
SDF120	13-129	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	AD85	121			
	I	AD86	122			
	I	AD87	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	AD80	220			
	I	AD81	221			
	I	AD82	222			
	I	AD83	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			
+5V13129	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VB	PWR	-48IN	000		2/1	
	PWR	-48IN	100		2/1	
	PWR	-48IN	200		2/1	
-48VBRTN	PWR	-48RTN	001		2/1	
	PWR	-48RTN	101		2/1	
	PWR	-48RTN	201		2/1	
GRD04088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	236			NOTE 1
GRD04108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
GRD13129	I	LIRST	018			
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			

PART OF FS 2

SYMBOL(S) 10 11

DIGITAL CARRIER LINE UNIT	DWG SIZE D2	ISSUE 4B
AT&T	SD-5D202-01	B2CH

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 11 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI20	13-129	MC5D204A1	A	(Z)
SDFI20	13-129	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			
	GRD	GRD	218			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
01CP21	I	1CP	154		1/8	
01IDP21	O	1IDP	156		1/8	P/GRD04129
01NITP21	O	1KINTP	152		1/8	
01ODP21	I	1ODP	155		1/8	
01PBIN21	O	1PBIN	141		1/10	P/GRD04129
01PBON21	I	1PBON	140		1/10	
01SP21	I	1SP	153		1/8	
014MCN21	I	14MCN	143		1/10	
018KSN21	I	18KSN	142		1/10	
1PWRON	OT	PWRON	009		2/3	
1START	I	START	109		2/1	
1T11R20	I	LIN	032		TO DSX-1 CROSS CONNECT	P/1T11IT20
1T11T20	I	LIP	132		TO DSX-1 CROSS CONNECT	P/1T11IR20
1T1ON20	O	LON	024		2/2	P/1T1OP20
1T1OP20	O	LOP	124		2/2	P/1T1ON20
10CP05	I	0CP	148		2/8	
10IDP05	O	0IDP	150		2/8	
10NITP05	O	0NINTP	146		2/8	
10ODP05	I	0ODP	149		2/8	
10PBIN05	O	0PBIN	137		2/10	
10PBON05	I	0PBON	136		2/10	
10SP05	I	0SP	147		2/8	
104MCN05	I	04MCN	139		2/10	
108KSN05	I	08KSN	138		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 12

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI21	13-139	MC5D204A1	A	(Z)
SDFI21	13-139	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK40%	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	AD84	120			
	I	AD85	121			
	I	AD86	122			
	I	AD87	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	AD80	220			
	I	AD81	221			
	I	AD82	222			
	I	AD83	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			
+5V13139	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VB	PWR	-48IN	000		2/1	
	PWR	-48IN	100		2/1	
	PWR	-48IN	200		2/1	
-48VBRTN	PWR	-48RTN	001		2/1	
	PWR	-48RTN	101		2/1	
	PWR	-48RTN	201		2/1	
GRD04088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD04108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
GRD13139	I	LIRST	018			

SYMBOL NO. 12 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI21	13-139	MC5D204A1	A	(Z)
SDFI21	13-139	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	003			
	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			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
01CP22	I	1CP	154		1/8	
01IDP22	O	1IDP	156		1/8	P/GRD04139
01NITP22	O	1KINTP	152		1/8	
01ODP22	I	1ODP	155		1/8	
01PBIN22	O	1PBIN	141		1/10	P/GRD04139
01PBON22	I	1PBON	140		1/10	
01SP22	I	1SP	153		1/8	
014MCN22	I	14MCN	143		1/10	
018KSN22	I	18KSN	142		1/10	
1PWRON	OT	PWRON	009		2/3	
1START	I	START	109		2/1	
1T11R21	I	LIN	032		TO DSX-1 CROSS CONNECT	P/1T11IT21
1T11T21	I	LIP	132		TO DSX-1 CROSS CONNECT	P/1T11IR21
1T1ON21	O	LON	024		2/2	P/1T1OP21
1T1OP21	O	LOP	124		2/2	P/1T1ON21
10CP06	I	0CP	148		2/8	
10IDP06	O	0IDP	150		2/8	
10NITP06	O	0NINTP	146		2/8	
10ODP06	I	0ODP	149		2/8	
10PBIN06	O	0PBIN	137		2/10	
10PBON06	I	0PBON	136		2/10	
10SP06	I	0SP	147		2/8	
104MCN06	I	04MCN	139		2/10	
108KSN06	I	08KSN	138		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

PART OF FS 2

SYMBOL(S) 11 12

DIGITAL CARRIER LINE UNIT

DWG SIZE: D2

ISSUE: 4B

AT&T | SD-5D202-01 | B2CJ

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 13

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI22	13-149	MC5D204A1	A	(Z)
SDFI22	13-149	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	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	AD84	120			
	I	AD85	121			
	I	AD86	122			
	I	AD87	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	AD80	220			
	I	AD81	221			
	I	AD82	222			
	I	AD83	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			
+5V13149	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VB	PWR	-48IN	000		2/1	
	PWR	-48IN	100		2/1	
	PWR	-48IN	200		2/1	
-48VBRTN	PWR	-48RTN	001		2/1	
	PWR	-48RTN	101		2/1	
	PWR	-48RTN	201		2/1	
GRD04088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD04108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
GRD13149	I	LIRST	018			

SYMBOL NO. 13 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI22	13-149	MC5D204A1	A	(Z)
SDFI22	13-149	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	003			
	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			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
01CP23	I	1CP	154		1/8	
01IDP23	O	1IDP	156		1/8	P/GRD04149
01NITP23	O	1KINTP	152		1/8	
01ODP23	I	1ODP	155		1/8	
01PBIN23	O	1PBIN	141		1/10	P/GRD04149
01PBON23	I	1PBON	140		1/10	
01SP23	I	1SP	153		1/8	
014MCN23	I	14MCN	143		1/10	
018KSN23	I	18KSN	142		1/10	
1PWRON	OT	PWRON	009		2/3	
1START	I	START	109		2/1	
1T11R22	I	LIN	032		TO DSX-1 CROSS CONNECT	P/1T11T22
1T11T22	I	LIP	132		TO DSX-1 CROSS CONNECT	P/1T11R22
1T10N22	O	LON	024		2/2	P/1T10P22
1T10P22	O	LOP	124		2/2	P/1T10N22
10CP07	I	OCP	148		2/8	
10IDP07	O	OIDP	150		2/8	
10NITP07	O	ONINTP	146		2/8	
10ODP07	I	OODP	149		2/8	
10PBIN07	O	OPBIN	137		2/10	
10PBON07	I	OPBON	136		2/10	
10SP07	I	OSP	147		2/8	
104MCN07	I	O4MCN	139		2/10	
108KSN07	I	O8KSN	138		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 14

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI23	13-159	MC5D204A1	A	(Z)
SDFI23	13-159	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	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	AD84	120			
	I	AD85	121			
	I	AD86	122			
	I	AD87	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	AD80	220			
	I	AD81	221			
	I	AD82	222			
	I	AD83	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			
+5V13159	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VB	PWR	-48IN	000		2/1	
	PWR	-48IN	100		2/1	
	PWR	-48IN	200		2/1	
-48VBRTN	PWR	-48RTN	001		2/1	
	PWR	-48RTN	101		2/1	
	PWR	-48RTN	201		2/1	
GRD04088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD04108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
GRD13159	I	LIRST	018			

SYMBOL NO. 14 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI23	13-159	MC5D204A1	A	(Z)
SDFI23	13-159	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	003			
	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			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
01CP24	I	1CP	154		1/8	
01IDP24	O	1IDP	156		1/8	P/GRD04159
01NITP24	O	1KINTP	152		1/8	
01ODP24	I	1ODP	155		1/8	
01PBIN24	O	1PBIN	141		1/10	P/GRD04159
01PBON24	I	1PBON	140		1/10	
01SP24	I	1SP	153		1/8	
014MCN24	I	14MCN	143		1/10	
018KSN24	I	18KSN	142		1/10	
1PWRON	OT	PWRON	009		2/3	
1START	I	START	109		2/1	
1T11R23	I	LIN	032		TO DSX-1 CROSS CONNECT	P/1T11T23
1T11T23	I	LIP	132		TO DSX-1 CROSS CONNECT	P/1T11R23
1T10N23	O	LON	024		2/2	P/1T10P23
1T10P23	O	LOP	124		2/2	P/1T10N23
10CP08	I	OCP	148		2/8	
10IDP08	O	OIDP	150		2/8	
10NITP08	O	ONINTP	146		2/8	
10ODP08	I	OODP	149		2/8	
10PBIN08	O	OPBIN	137		2/10	
10PBON08	I	OPBON	136		2/10	
10SP08	I	OSP	147		2/8	
104MCN08	I	O4MCN	139		2/10	

PART OF FS 2

SYMBOL(S) 13 14

DIGITAL CARRIER LINE UNIT

DWG SIZE: D2

ISSUE: 4B

AT&T | SD-5D202-01 | B2CK

PRINTED IN U.S.A.

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 14 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI23	13-159	MC5D204A1	A	(Z)
SDFI23	13-159	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
108KSN08	I	08KSN	138		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 15

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI24	13-169	MC5D204A1	A	(Z)
SDFI24	13-169	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	PCMZON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCMION	134			
	O	+5A	205			
	O	+5A	206			
	I	OA8	020			
	I	OA9	021			
	I	OA10	022			
	I	OA11	023			
	I	TP	033			
	I	RESET	119			
	I	AD84	120			
	I	AD85	121			
	I	AD86	122			
	I	AD87	123			
	I	MBTSEN	210			
	I	EMALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	AD80	220			
	I	AD81	221			
	I	AD82	222			
	I	AD83	223			
	I	ERD	233			
	I	D8DIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
GRD	GRD		047			

SYMBOL NO. 15 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI24	13-169	MC5D204A1	A	(Z)
SDFI24	13-169	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	053			
+5V13169	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VB	PWR	-48IN	000		2/1	
	PWR	-48IN	100		2/1	
	PWR	-48IN	200		2/1	
-48VBRTN	PWR	-48RTN	001		2/1	
	PWR	-48RTN	101		2/1	
	PWR	-48RTN	201		2/1	
GRD04088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD04108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
GRD13169	I	LIRST	018			
	GRD	GRD	003			
	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			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
01CP25	I	1CP	154		1/8	
01IDP25	O	1IDP	156		1/8	P/GRD04169
01NITP25	O	1KINTP	152		1/8	
01ODP25	I	1ODP	155		1/8	
01PBIN25	O	1PBIN	141		1/10	P/GRD04169
01PBON25	I	1PBON	140		1/10	
01SP25	I	1SP	153		1/8	
014MCN25	I	14MCN	143		1/10	
018KSN25	I	18KSN	142		1/10	
1PWRON	OT	PWRON	009		2/3	
1START	I	START	109		2/1	

SYMBOL NO. 15 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI24	13-169	MC5D204A1	A	(Z)
SDFI24	13-169	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1T1IR24	I	LIN	032		TO DSX-1 CROSS CONNECT	P/1T1IT24
1T1IT24	I	LIP	132		TO DSX-1 CROSS CONNECT	P/1T1IR24
1T1ON24	O	LON	024		2/2	P/1T1OP24
1T1OP24	O	LOP	124		2/2	P/1T1ON24
10CP09	I	OCP	148		2/8	
10IDP09	O	OIDP	150		2/8	
10NITP09	O	ONINTP	146		2/8	
10ODP09	I	OODP	149		2/8	
10PBIN09	O	OPBIN	137		2/10	
10PBON09	I	OPBON	136		2/10	
10SP09	I	OSP	147		2/8	
104MCN09	I	04MCN	139		2/10	
108KSN09	I	08KSN	138		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

PART OF FS 2

SYMBOL(S) 14 15

DIGITAL CARRIER LINE UNIT

DWG SIZE C2 | ISSUE 4B

AT&T | SD-5D202-01 | B2CL

APP FIG. 1

WIRING AS PER FS, 1, & 2

DIGITAL CARRIER LINE UNIT

AT&T	SD-5D202-01	DWG SIZE 6S	ISSUE 3M	SHEET C1

APP FIG. 2

CIRCUIT PACK

EQPT LOC	04-010		04-088		04-098		04-108		13-010		13-088		13-098		13-108		EQPT LOC		
DESIG	0PWRSTRT		0CMUX		0PU		0DMUX		1PWRSTRT		1CMUX		1PU		1DMUX		DESIG		
CODE	SN346		UN120		494LA		UN121		SN346		UN120		494LA		UN121		CODE		
OPTION																	OPTION		
ELEM IDENT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT	ELEM IDENT		
CKT	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	CKT		
A		1/1		1/8		1/9		1/10		2/1		2/8		2/9		2/10	A		

APP FIG. 3

CIRCUIT PACK

EQPT LOC	04-018		13-018		EQPT LOC	
DESIG	0T1CEQU		1T1CEQU		DESIG	
CODE	SN215		SN215		CODE	
OPTION					OPTION	
ELEM IDENT		CKT		CKT	ELEM IDENT	
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT	
A		1/2		2/2	A	

APP FIG. 4

CIRCUIT PACK

EQPT LOC	04-018		13-018		EQPT LOC
DESIG	0T1CEQU		1T1CEQU		DESIG
CODE	SN216		SN216		CODE
OPTION					OPTION
ELEM IDENT		CKT		CKT	ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/2		2/2	A

APP FIG. 5

CIRCUIT PACK

EQPT LOC	04-018		13-018		EQPT LOC
DESIG	0T1CEQU		1T1CEQU		DESIG
CODE	SN217		SN217		CODE
OPTION					OPTION
ELEM IDENT		CKT		CKT	ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/2		2/2	A

APP FIG. 6

CIRCUIT PACK

EQPT LOC	04-018		13-018		EQPT LOC
DESIG	0T1CEQU		1T1CEQU		DESIG
CODE	SN218		SN218		CODE
OPTION					OPTION
ELEM IDENT		CKT		CKT	ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/2		2/2	A

APP FIG. 7

CIRCUIT PACK

EQPT LOC	04-018		13-018		EQPT LOC
DESIG	0T1CEQU		1T1CEQU		DESIG
CODE	SN219		SN219		CODE
OPTION					OPTION
ELEM IDENT		CKT		CKT	ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/2		2/2	A

APP FIG. 8

CIRCUIT PACK

EQPT LOC	04-027		04-027		EQPT LOC
DESIG	SDF100		SDF100		DESIG
CODE	MC5D204A1B		MC5D204A1		CODE
OPTION	Y		Z		OPTION
ELEM IDENT		CKT		CKT	ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/3		1/3	A

DIGITAL CARRIER LINE UNIT

DWG SIZE C2 | ISSUE 4B

AT&T | SD-5D202-01 | C2

PRINTED IN U.S.A.

APP FIG. 9

CIRCUIT PACK

EQPT LOC	04-037		04-037		EQPT LOC
DESIG	SDFI01		SDFI01		DESIG
CODE	MC5D204A1B		MC5D204A1		CODE
OPTION	Y		Z		OPTION
ELEM IDENT	CKT		CKT		ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/4		1/4	A

APP FIG. 10

CIRCUIT PACK

EQPT LOC	04-047		04-047		EQPT LOC
DESIG	SDFI02		SDFI02		DESIG
CODE	MC5D204A1B		MC5D204A1		CODE
OPTION	Y		Z		OPTION
ELEM IDENT	CKT		CKT		ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/5		1/5	A

APP FIG. 11

CIRCUIT PACK

EQPT LOC	04-057		04-057		EQPT LOC
DESIG	SDFI03		SDFI03		DESIG
CODE	MC5D204A1B		MC5D204A1		CODE
OPTION	Y		Z		OPTION
ELEM IDENT	CKT		CKT		ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/6		1/6	A

APP FIG. 12

CIRCUIT PACK

EQPT LOC	04-067		04-067		EQPT LOC
DESIG	SDFI04		SDFI04		DESIG
CODE	MC5D204A1B		MC5D204A1		CODE
OPTION	Y		Z		OPTION
ELEM IDENT	CKT		CKT		ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/7		1/7	A

APP FIG. 13

CIRCUIT PACK

EQPT LOC	04-129		04-129		EQPT LOC
DESIG	SDFI05		SDFI05		DESIG
CODE	MC5D204A1B		MC5D204A1		CODE
OPTION	Y		Z		OPTION
ELEM IDENT	CKT		CKT		ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/11		1/11	A

APP FIG. 14

CIRCUIT PACK

EQPT LOC	04-139		04-139		EQPT LOC
DESIG	SDFI06		SDFI06		DESIG
CODE	MC5D204A1B		MC5D204A1		CODE
OPTION	Y		Z		OPTION
ELEM IDENT	CKT		CKT		ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/12		1/12	A

APP FIG. 15

CIRCUIT PACK

EQPT LOC	04-149		04-149		EQPT LOC
DESIG	SDFI07		SDFI07		DESIG
CODE	MC5D204A1B		MC5D204A1		CODE
OPTION	Y		Z		OPTION
ELEM IDENT	CKT		CKT		ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/13		1/13	A

APP FIG. 16

CIRCUIT PACK

EQPT LOC	04-159		04-159		EQPT LOC
DESIG	SDFI08		SDFI08		DESIG
CODE	MC5D204A1B		MC5D204A1		CODE
OPTION	Y		Z		OPTION
ELEM IDENT	CKT		CKT		ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/14		1/14	A

APP FIG. 17

CIRCUIT PACK

EQPT LOC	04-169		04-169		EQPT LOC
DESIG	SDFI09		SDFI09		DESIG
CODE	MC5D204A1B		MC5D204A1		CODE
OPTION	Y		Z		OPTION
ELEM IDENT	CKT		CKT		ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/15		1/15	A

DIGITAL CARRIER LINE UNIT

DWG SIZE C2 | ISSUE 4B

AT&T | SD-5D202-01 | C3

APP FIG. 18

CIRCUIT PACK

EQPT LOC	13-027		13-027		EQPT LOC
DESIG	SDFI15		SDFI15		DESIG
CODE	MC5D204A1B		MC5D204A1		CODE
OPTION	Y		Z		OPTION
ELEM IDENT		CKT		CKT	ELEM IDENT

CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		2/3		2/3	A

APP FIG. 19

CIRCUIT PACK

EQPT LOC	13-037		13-037		EQPT LOC
DESIG	SDFI16		SDFI16		DESIG
CODE	MC5D204A1B		MC5D204A1		CODE
OPTION	Y		Z		OPTION
ELEM IDENT		CKT		CKT	ELEM IDENT

CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		2/4		2/4	A

APP FIG. 20

CIRCUIT PACK

EQPT LOC	13-047		13-047		EQPT LOC
DESIG	SDFI17		SDFI17		DESIG
CODE	MC5D204A1B		MC5D204A1		CODE
OPTION	Y		Z		OPTION
ELEM IDENT		CKT		CKT	ELEM IDENT

CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		2/5		2/5	A

APP FIG. 21

CIRCUIT PACK

EQPT LOC	13-057		13-057		EQPT LOC
DESIG	SDFI18		SDFI18		DESIG
CODE	MC5D204A1B		MC5D204A1		CODE
OPTION	Y		Z		OPTION
ELEM IDENT		CKT		CKT	ELEM IDENT

CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		2/6		2/6	A

APP FIG. 22

CIRCUIT PACK

EQPT LOC	13-067		13-067		EQPT LOC
DESIG	SDFI19		SDFI19		DESIG
CODE	MC5D204A1B		MC5D204A1		CODE
OPTION	Y		Z		OPTION
ELEM IDENT		CKT		CKT	ELEM IDENT

CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		2/7		2/7	A

APP FIG. 23

CIRCUIT PACK

EQPT LOC	13-129		13-129		EQPT LOC
DESIG	SDFI20		SDFI20		DESIG
CODE	MC5D204A1B		MC5D204A1		CODE
OPTION	Y		Z		OPTION
ELEM IDENT		CKT		CKT	ELEM IDENT

CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		2/11		2/11	A

APP FIG. 24

CIRCUIT PACK

EQPT LOC	13-139		13-139		EQPT LOC
DESIG	SDFI21		SDFI21		DESIG
CODE	MC5D204A1B		MC5D204A1		CODE
OPTION	Y		Z		OPTION
ELEM IDENT		CKT		CKT	ELEM IDENT

CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		2/12		2/12	A

APP FIG. 25

CIRCUIT PACK

EQPT LOC	13-149		13-149		EQPT LOC
DESIG	SDFI22		SDFI22		DESIG
CODE	MC5D204A1B		MC5D204A1		CODE
OPTION	Y		Z		OPTION
ELEM IDENT		CKT		CKT	ELEM IDENT

CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		2/13		2/13	A

APP FIG. 26

CIRCUIT PACK

EQPT LOC	13-159		13-159		EQPT LOC
DESIG	SDFI23		SDFI23		DESIG
CODE	MC5D204A1B		MC5D204A1		CODE
OPTION	Y		Z		OPTION
ELEM IDENT		CKT		CKT	ELEM IDENT

CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		2/14		2/14	A

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
C2	4B

AT&T	SD-5D202-01	C4

APP FIG. 27

CIRCUIT PACK

EQPT LOC	13-169		13-169		EQPT LOC
DESIG	SDF124		SDF124		DESIG
CODE	MC5D204A1B		MC5D204A1		CODE
OPTION	Y		Z		OPTION
ELEM IDENT	CKT		CKT		ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		2/15		2/15	A

DIGITAL CARRIER LINE UNIT		DWG SIZE C2	ISSUE 4B
AT&T	SD-5D202-01		C5

CIRCUIT NOTES

101

DESIG	FUSE AMP	POTENTIAL	ONE PER
	5A 5B	-48VA -48VB	DCLU DCLU
BATTERY SYMBOL			VOLTAGE RANGE

102. PERIPHERAL INTERFACE CONTROL BUS (PICB) AND PERIPHERAL INTERFACE DATA BUS (PIDB) SHALL BE ASSIGNED TO PORTS IN THE MCU AND TSIU, RESPECTIVELY, IN THE SEQUENCE SHOWN BELOW. LEAD DESIGNATION PREFIXES ARE FOR PICB AND PIDB'S GIVEN IN CADS 002 AND 003.

5ESS SIDE	PORT ASSIGNMENT SEQUENCE	LEAD PREFIX	DESCRIPTION	DCLU SHELF VERTICAL EQL
0	1ST 2ND 3RD 4TH	00A 00B 10A 10B	PICB-A,PIDB-A PICB-B,PIDB-B PICB-A,PIDB-A PICB-B,PIDB-B	04 04 13 13
1	1ST 2ND 3RD 4TH	01A 01B 11A 11B	PICB-A,PIDB-A PICB-B,PIDB-B PICB-A,PIDB-A PICB-B,PIDB-B	04 04 13 13

EQUIPMENT NOTES:

201. UNLESS OTHERWISE SPECIFIED, ALL BACKPLANE WIRING WILL BE PRINTED WIRING CONNECTIONS AS SPECIFIED BY ED-50201-01.

202. THE CONNECTIONS FROM THE DIGITAL CARRIER LINE UNIT (DCLU) TO THE DCLU-SUPPLEMENT, WHICH ARE GIVEN IN CADS 006 AND 007, SHALL BE IN A PREFORMED CONNECTORIZED TABLE.

203. THE NUMBER OF PERIPHERAL INTERFACE DATA BUSSES (PIDB'S) TO BE CONNECTED PER CAD 002 FROM THE TSIU, SD-50045-01, TO THE DCLU (J50003AR SD-50202-01) SHALL BE EITHER TWO OR FOUR, AND IS RELATED TO CONCENTRATION RATIO (CR) PER THE FOLLOWING:

$$CR = \frac{RT \times 96}{PIDB \times 32}$$

WHERE RT= NUMBER OF SLC-96 REMOTE TERMINALS, EITHER MODE I OR MODE II, CONNECTED TO THE DCLU. (MAX OF 10 RT'S)

PIDB= NUMBER OF PIDB'S CONNECTED TO DCLU, EITHER TWO OR FOUR. IF TWO ARE REQUIRED, USE THE "A" PIDB'S.

THE ABOVE EQUATION ASSUMES THAT THERE ARE 96 CUSTOMERS PER RT AND THAT THE RT IS FULLY EQUIPPED.

DIGITAL CARRIER LINE UNIT

DWG SIZE 6S | ISSUE 3M

AT&T | SD-50202-01 | SHEET D1

INFORMATION NOTES:

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

302.

FEATURE OR OPTION				PROVIDE: APP FIG.	PROVIDE: APP OR WRG	PROVIDE: QUANTITY
PRINTED BACKPLANES AND SURFACE WIRING				1		ONE PER DCLU
COMMON PLUG-INS			CP SN346	2		TWO EACH PER DCLU
			CP UN120			
			CP UN121			
			PU494LA			
T1/T1C EQUALIZER		ABAM OR 600 TYPE CABLE	CODE 1249 CABLE			ONE EQUALIZER PER DCLU SHELF
	CABLE LENGTH (FEET)	0-133	0-90	3		
		134-267	91-180	4		
		268-400	181-270	5		
		401-533	271-360	6		
		534-655	361-450	7		
DIGITAL FACILITY INTERFACE FOR SLC-96 (SEE NOTE 308)				8		UP TO A MAXIMUM OF 20 PER DCLU
				9		
				10		
				11		
				12		
				13		
				14		
				15		
				16		
				17		
				18		
				19		
				20		
				21		
				22		
				23		
				24		
				25		
				26		
				27		

INFORMATION NOTES (CONT)

303.

RECORD OF FIGURES, WIRING AND APPARATUS CHANGES

CHANGES ON ISSUE	IF JOB RECORD DO NOT SPECIFY	THE OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT: AVAIL	USE IN CIRCUIT: DA
4B		Z	308		
4B		Y	308	✓	

304.

CIRCUIT PACK CODE OR MICROCODE	COMMON LANGUAGE EQUIPMENT IDENTIFICATION CODE (CLEI)
MC5D204A1 (ANN4)	E5DT8B0DXX
MC5D204A1B	E5DT8C0DAA
SN346	E5PQ08EAXX
SN215	E5DT300AXX
SN216	E5DT400AXX
SN217	E5DT500AXX
SN218	E5DT600AXX
SN219	E5DT700AXX
UN120	E5PQ22GAXX
UN121	E5PQ22HAXX
494LA (POWER UNIT)	PWPQ53XAXX

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.

INFORMATION NOTES (CONT)

306. THE INCOMING TIP AND RING LEADS T11T(00-09) AND T11R(00-09) (T11T(10-15) AND T11R(10-15) AND T11T(15-24) AND T11R(15-24) CONNECTING THE SDFI CIRCUIT PACKS TO THE JACK/TF ARE USED FOR DSX-1 CABLE TERMINATION ONLY AND ARE NOT USED BY THE PWRSTRT 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

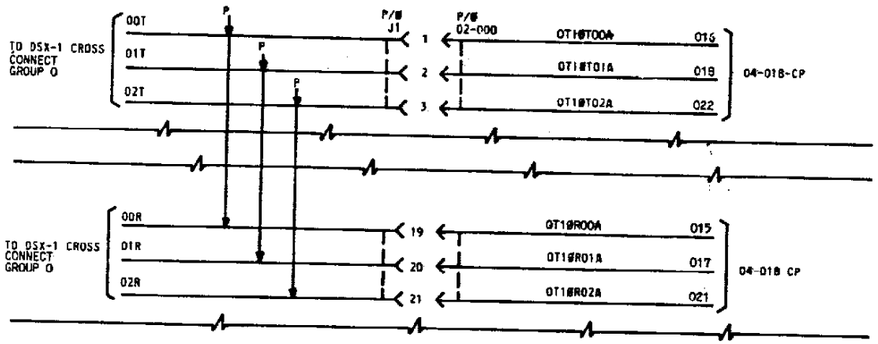
MICROCODE PER CIRCUIT PACK	OPTION
MC5D204A1 (ANN4)	Z
MC5D204A1B (ANN4B)	Y

DIGITAL CARRIER LINE UNIT	DWG SIZE 6S	ISSUE 4B
AT&T	SD-5D202-01	SHEET D2

NOTES:

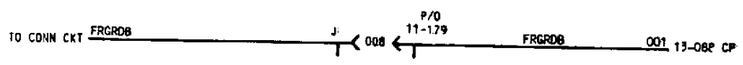
1. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT OF THE TABULAR PRESENTATION.

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				02-000	CONNECTOR	.....			
TO DSX-1 CROSS CONNECT, GROUP 0	00T		P000	1	OT1@T00A	04-018 CP	016		
	01T		P001	2	OT1@T01A	04-018 CP	018		
	02T		P002	3	OT1@T02A	04-018 CP	022		
TO DSX-1 CROSS CONNECT, GROUP 0	00R		P000	19	OT1@R00A	04-018 CP	015		
	01R		P001	20	OT1@R01A	04-018 CP	017		
	02R		P002	21	OT1@R02A	04-018 CP	021		



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

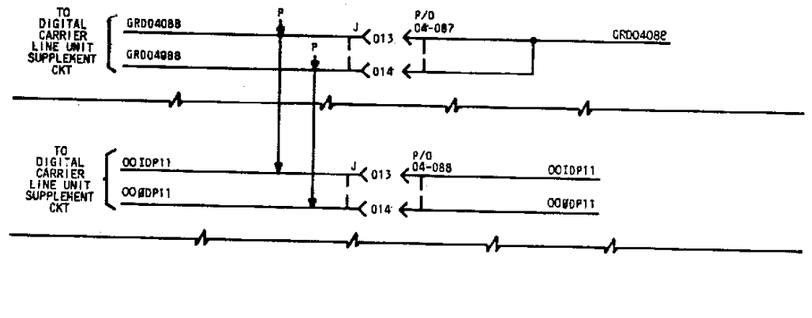
TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				11-179	LUG	.....			
TO CONN CKT	FRGRD8			008	FRGRD8	13-008 CP	001		



NOTES: (CONT)

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

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-087	TF				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088		P006	013	GRD04089				
	GRD04088		P007	014	GRD04088				
.....J				04-088	JACK/CP				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	00IDP11		P006	013	00IDP11				
	00@DP11		P007	014	00@DP11				



DIGITAL CARRIER LINE UNIT

DWG SIZE 6S

ISSUE 3M

AT&T

SD-50202-01

SHEET GB1

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

A

DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
-48VA	P	02-007-001	04-010-102	1/1	
-48VARTN	G	02-015-001	04-010-001	1/1	
-48VB	P	11-179-000	13-010-102	2/1	
-48VBRTN	G	11-179-004	13-010-001	2/1	
FRGRDA	G	02-179-008	04-088-001	1/8	
FRGRDB	G	11-179-008	13-088-001	2/8	
GRD04027	G	02-000-18	04-027-003	1/3	
GRD04027	G	06-000-18	04-027-003	1/3	
GRD04088	G	04-087-005	04-088-005	1/8	
GRD04088	G	04-087-006	04-088-005	1/8	
GRD04088	G	04-087-007	04-088-005	1/8	
GRD04088	G	04-087-008	04-088-005	1/8	
GRD04088	G	04-087-009	04-088-005	1/8	
GRD04088	G	04-087-010	04-088-005	1/8	
GRD04088	G	04-088-005	04-088-005	1/8	
GRD04088	G	04-087-013	04-088-005	1/8	
GRD04088	G	04-087-014	04-088-005	1/8	
GRD04088	G	04-087-015	04-088-005	1/8	
GRD04088	G	04-087-016	04-088-005	1/8	
GRD04088	G	04-087-017	04-088-005	1/8	
GRD04088	G	04-087-018	04-088-005	1/8	
GRD04088	G	04-087-019	04-088-005	1/8	
GRD04088	G	04-087-020	04-088-005	1/8	
GRD04088	G	04-087-021	04-088-005	1/8	
GRD04088	G	04-087-022	04-088-005	1/8	
GRD04088	G	04-087-023	04-088-005	1/8	
GRD04088	G	04-087-024	04-088-005	1/8	
GRD04088	G	04-088-018	04-088-005	1/8	
GRD04088	G	04-094-032	04-088-005	1/8	
GRD04088	G	04-094-033	04-088-005	1/8	
GRD04088	G	04-094-034	04-088-005	1/8	
GRD04088	G	04-088-024	04-088-005	1/8	
GRD04088	G	04-094-006	04-088-005	1/8	
GRD04088	G	04-094-007	04-088-005	1/8	
GRD04088	G	04-094-008	04-088-005	1/8	
GRD04088	G	04-094-009	04-088-005	1/8	
GRD04088	G	04-094-010	04-088-005	1/8	
GRD04088	G	04-094-011	04-088-005	1/8	
GRD04088	G	04-088-506	04-088-005	1/8	
GRD04088	G	04-094-013	04-088-005	1/8	
GRD04088	G	04-094-014	04-088-005	1/8	
GRD04088	G	04-094-015	04-088-005	1/8	
GRD04088	G	04-094-016	04-088-005	1/8	
GRD04088	G	04-094-017	04-088-005	1/8	
GRD04088	G	04-094-018	04-088-005	1/8	
GRD04088	G	04-094-019	04-088-005	1/8	
GRD04088	G	04-094-020	04-088-005	1/8	
GRD04088	G	04-094-021	04-088-005	1/8	
GRD04088	G	04-094-022	04-088-005	1/8	
GRD04088	G	04-094-023	04-088-005	1/8	
GRD04088	G	04-094-024	04-088-005	1/8	
GRD04088	G	04-088-513	04-088-005	1/8	
GRD04088	G	04-088-519	04-088-005	1/8	
GRD04088	G	04-088-551	04-088-005	1/8	
GRD04088	G	04-094-048	04-088-005	1/8	
GRD04088	G	04-094-049	04-088-005	1/8	
GRD04088	G	04-094-050	04-088-005	1/8	
GRD04088	G	04-094-051	04-088-005	1/8	
GRD04088	G	04-094-052	04-088-005	1/8	
GRD04088	G	04-094-053	04-088-005	1/8	
GRD04088	G	04-094-054	04-088-005	1/8	
GRD04088	G	04-094-055	04-088-005	1/8	
GRD04088	G	04-094-056	04-088-005	1/8	
GRD04088	G	04-088-545	04-088-005	1/8	
GRD04088	G	04-094-045	04-088-005	1/8	

ELEMENT IDENTIFIER (CONT)

A

DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD04088	G	04-094-046	04-088-005	1/8	
GRD04088	G	04-094-047	04-088-005	1/8	
GRD04088	G	04-094-035	04-088-005	1/8	
GRD04088	G	04-094-036	04-088-005	1/8	
GRD04088	G	04-094-037	04-088-005	1/8	
GRD04088	G	04-094-038	04-088-005	1/8	
GRD04088	G	04-094-039	04-088-005	1/8	
GRD04088	G	04-094-040	04-088-005	1/8	
GRD04088	G	04-094-041	04-088-005	1/8	
GRD04088	G	04-094-042	04-088-005	1/8	
GRD04088	G	04-094-043	04-088-005	1/8	
GRD04088	G	04-088-532	04-088-005	1/8	
GRD04088	G	04-088-538	04-088-005	1/8	
GRD04108	G	04-107-004	13-169-240	2/15	
GRD04108	G	04-107-005	13-169-240	2/15	
GRD04108	G	04-107-006	13-169-240	2/15	
GRD04108	G	04-107-007	13-169-240	2/15	
GRD04108	G	04-107-008	13-169-240	2/15	
GRD04108	G	04-107-009	13-169-240	2/15	
GRD04108	G	04-107-010	13-169-240	2/15	
GRD04108	G	04-107-011	13-169-240	2/15	
GRD04108	G	04-107-013	13-169-240	2/15	
GRD04108	G	04-107-014	13-169-240	2/15	
GRD04108	G	04-107-015	13-169-240	2/15	
GRD04108	G	04-107-016	13-169-240	2/15	
GRD04108	G	04-107-017	13-169-240	2/15	
GRD04108	G	04-107-018	13-169-240	2/15	
GRD04108	G	04-107-019	13-169-240	2/15	
GRD04108	G	04-107-020	13-169-240	2/15	
GRD04108	G	04-107-021	13-169-240	2/15	
GRD04108	G	04-107-022	13-169-240	2/15	
GRD04108	G	04-107-023	13-169-240	2/15	
GRD04108	G	04-107-024	13-169-240	2/15	
GRD04108	G	04-114-004	13-169-240	2/15	
GRD04108	G	04-114-005	13-169-240	2/15	
GRD04108	G	04-114-013	13-169-240	2/15	
GRD04108	G	04-114-014	13-169-240	2/15	
GRD04108	G	04-114-015	13-169-240	2/15	
GRD04108	G	04-114-016	13-169-240	2/15	
GRD04108	G	04-114-017	13-169-240	2/15	
GRD04108	G	04-114-018	13-169-240	2/15	
GRD04108	G	04-114-019	13-169-240	2/15	
GRD04108	G	04-114-020	13-169-240	2/15	
GRD04108	G	04-114-021	13-169-240	2/15	
GRD04108	G	04-114-022	13-169-240	2/15	
GRD04108	G	04-114-023	13-169-240	2/15	
GRD04108	G	04-114-024	13-169-240	2/15	
GRD04108	G	04-114-006	13-169-240	2/15	
GRD04108	G	04-114-007	13-169-240	2/15	
GRD04108	G	04-114-008	13-169-240	2/15	
GRD04108	G	04-114-009	13-169-240	2/15	
GRD04108	G	04-114-010	13-169-240	2/15	
GRD04108	G	04-114-011	13-169-240	2/15	
GRD13027	G	15-000-18	13-027-003	2/3	
GRD13027	G	11-000-18	13-027-003	2/3	
GRD13088	G	13-088-551	04-057-254	1/6	
GRD13088	G	13-094-048	04-057-254	1/6	
GRD13088	G	13-094-049	04-057-254	1/6	
GRD13088	G	13-094-050	04-057-254	1/6	
GRD13088	G	13-094-051	04-057-254	1/6	
GRD13088	G	13-094-052	04-057-254	1/6	
GRD13088	G	13-094-053	04-057-254	1/6	
GRD13088	G	13-094-054	04-057-254	1/6	
GRD13088	G	13-094-055	04-057-254	1/6	

ELEMENT IDENTIFIER (CONT)

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DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD13088	G	13-094-056	04-057-254	1/6	
GRD13088	G	13-088-545	04-057-254	1/6	
GRD13088	G	13-094-045	04-057-254	1/6	
GRD13088	G	13-094-046	04-057-254	1/6	
GRD13088	G	13-094-047	04-057-254	1/6	
GRD13088	G	13-094-035	04-057-254	1/6	
GRD13088	G	13-094-036	04-057-254	1/6	
GRD13088	G	13-094-037	04-057-254	1/6	
GRD13088	G	13-094-038	04-057-254	1/6	
GRD13088	G	13-094-039	04-057-254	1/6	
GRD13088	G	13-094-040	04-057-254	1/6	
GRD13088	G	13-094-041	04-057-254	1/6	
GRD13088	G	13-094-042	04-057-254	1/6	
GRD13088	G	13-094-043	04-057-254	1/6	
GRD13088	G	13-088-532	04-057-254	1/6	
GRD13088	G	13-088-538	04-057-254	1/6	
GRD13088	G	13-087-005	04-057-254	1/6	
GRD13088	G	13-087-006	04-057-254	1/6	
GRD13088	G	13-087-007	04-057-254	1/6	
GRD13088	G	13-087-014	04-057-254	1/6	
GRD13088	G	13-087-015	04-057-254	1/6	
GRD13088	G	13-087-016	04-057-254	1/6	
GRD13088	G	13-087-017	04-057-254	1/6	
GRD13088	G	13-087-018	04-057-254	1/6	
GRD13088	G	13-087-019	04-057-254	1/6	
GRD13088	G	13-087-020	04-057-254	1/6	
GRD13088	G	13-087-021	04-057-254	1/6	
GRD13088	G	13-087-022	04-057-254	1/6	
GRD13088	G	13-087-023	04-057-254	1/6	
GRD13088	G	13-087-024	04-057-254	1/6	
GRD13088	G	13-088-018	04-057-254	1/6	
GRD13088	G	13-087-013	04-057-254	1/6	
GRD13088	G	13-087-008	04-057-254	1/6	
GRD13088	G	13-087-009	04-057-254	1/6	
GRD13088	G	13-087-010	04-057-254	1/6	
GRD13088	G	13-088-005	04-057-254	1/6	
GRD13088	G	13-094-032	04-057-254	1/6	
GRD13088	G	13-094-033	04-057-254	1/6	
GRD13088	G	13-094-034	04-057-254	1/6	
GRD13088	G	13-088-024	04-057-254	1/6	
GRD13088	G	13-094-006	04-057-254	1/6	
GRD13088	G	13-094-007	04-057-254	1/6	
GRD13088	G	13-094-008	04-057-254	1/6	
GRD13088	G	13-094-009	04-057-254	1/6	
GRD13088	G	13-094-010	04-057-254	1/6	
GRD13088	G	13-094-011	04-057-254	1/6	
GRD13088	G	13-088-506	04-057-254	1/6	
GRD13088	G	13-094-013	04-057-254	1/6	
GRD13088	G	13-094-014	04-057-254	1/6	
GRD13088	G	13-094-015	04-057-254	1/6	
GRD13088	G	13-094-016	04-057-254	1/6	
GRD13088	G	13-094-017	04-057-254	1/6	
GRD13088	G	13-094-018	04-057-254	1/6	
GRD13088	G	13-094-019	04-057-254	1/6	
GRD13088	G	13-094-020	04-057-254	1/6	
GRD13088	G	13-094-021	04-057-254	1/6	
GRD13088	G	13-094-022	04-057-254	1/6	
GRD13088	G	13-094-023	04-057-254	1/6	
GRD13088	G	13-094-024	04-057-254	1/6	
GRD13088	G	13-088-513	04-057-254	1/6	
GRD13088	G	13-088-519	04-057-254	1/6	
GRD13108	G	13-107-004	13-108-001	2/10	
GRD13108	G	13-107-013	13-108-001	2/10	
GRD13108	G	13-107-014	13-108-001	2/10	
GRD13108	G	13-107-015	13-108-001	2/10	

ELEMENT IDENTIFIER (CONT)

A

DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD13108	G	13-107-016	13-108-001	2/10	
GRD13108	G	13-107-017	13-108-001	2/10	
GRD13108	G	13-107-018	13-108-001	2/10	
GRD13108	G	13-107-019	13-108-001	2/10	
GRD13108	G	13-107-020	13-108-001	2/10	
GRD13108	G	13-107-021	13-108-001	2/10	
GRD13108	G	13-107-022	13-108-001	2/10	
GRD13108	G	13-107-023	13-108-001	2/10	
GRD13108	G	13-107-024	13-108-001	2/10	
GRD13108	G	13-107-005	13-108-001	2/10	
GRD13108	G	13-107-006	13-108-001	2/10	
GRD13108	G	13-107-007	13-108-001	2/10	
GRD13108	G	13-107-008	13-108-001	2/10	
GRD13108	G	13-107-009	13-108-001	2/10	
GRD13108	G	13-107-010	13-108-001	2/10	
GRD13108	G	13-107-011	13-108-001	2/10	
GRD13108	G	13-114-004	13-108-001	2/10	
GRD13108	G	13-114-005	13-108-001	2/10	
GRD13108	G	13-114-013	13-108-001	2/10	
GRD13108	G	13-114-014	13-108-001	2/10	
GRD13108	G	13-114-015	13-108-001	2/10	
GRD13108	G	13-114-016	13-108-001	2/10	
GRD13108	G	13-114-017	13-108-001	2/10	
GRD13108	G	13-114-018	13-108-001	2/10	
GRD13108	G	13-114-019	13-108-001	2/10	
GRD13108	G	13-114-020	13-108-001	2/10	
GRD13108	G	13-114-021	13-108-001	2/10	
GRD13108	G	13-114-022	13-108-001	2/10	
GRD13108	G	13-114-023	13-108-001	2/10	
GRD13108	G	13-114-024	13-108-001	2/10	
GRD13108	G	13-114-006	13-108-001	2/10	
GRD13108	G	13-114-007	13-108-001	2/10	
GRD13108	G	13-114-008	13-108-001	2/10	
GRD13108	G	13-114-009	13-108-001	2/10	
GRD13108	G	13-114-010	13-108-001	2/10	
GRD13108	G	13-114-011	13-108-001	2/10	
OT11R00	I	06-000-19	04-027-032	1/3	
OT11R01	I	06-000-20	04-037-032	1/4	
OT11R02	I	06-000-21	04-047-032	1/5	
OT11R03	I	06-000-22	04-057-032	1/6	
OT11R04	I	06-000-23	04-067-032	1/7	
OT11R05	I	06-000-24	04-129-032	1/11	
OT11R06	I	06-000-25	04-139-032	1/12	
OT11R07	I	06-000-26	04-149-032	1/13	
OT11R08	I	06-000-27	04-159-032	1/14	
OT11R09	I	06-000-28	04-169-032	1/15	
OT11T00	I	06-000-1	04-027-132	1/3	
OT11T01	I	06-000-2	04-037-132	1/4	
OT11T02	I	06-000-3	04-047-132	1/5	
OT11T03	I	06-000-4	04-057-132	1/6	
OT11T04	I	06-000-5	04-067-132	1/7	
OT11T05	I	06-000-6	04-129-132	1/11	
OT11T06	I	06-000-7	04-139-132	1/12	
OT11T07	I	06-000-8	04-149-132	1/13	
OT11T08	I	06-000-9	04-159-132	1/14	
OT11T09	I	06-000-10	04-169-132	1/15	

DIGITAL CARRIER LINE UNIT

DWG SIZE: D2

ISSUE: 3M

AT&T | SD-5D202-01 | GB2

PRINTED IN U.S.A.

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER (CONT)

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DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
0T1DR00A	O	02-000-19	04-018-015	1/2	
0T1DR01A	O	02-000-20	04-018-017	1/2	
0T1DR02A	O	02-000-21	04-018-021	1/2	
0T1DR03A	O	02-000-22	04-018-023	1/2	
0T1DR04A	O	02-000-23	04-018-034	1/2	
0T1DR05A	O	02-000-24	04-018-036	1/2	
0T1DR06A	O	02-000-25	04-018-040	1/2	
0T1DR07A	O	02-000-26	04-018-042	1/2	
0T1DR08A	O	02-000-27	04-018-047	1/2	
0T1DR09A	O	02-000-28	04-018-049	1/2	
0T1DT00A	O	02-000-1	04-018-016	1/2	
0T1DT01A	O	02-000-2	04-018-018	1/2	
0T1DT02A	O	02-000-3	04-018-022	1/2	
0T1DT03A	O	02-000-4	04-018-024	1/2	
0T1DT04A	O	02-000-5	04-018-035	1/2	
0T1DT05A	O	02-000-6	04-018-037	1/2	
0T1DT06A	O	02-000-7	04-018-041	1/2	
0T1DT07A	O	02-000-8	04-018-043	1/2	
0T1DT08A	O	02-000-9	04-018-048	1/2	
0T1DT09A	O	02-000-10	04-018-050	1/2	
00ACN	I	04-088-048	04-088-048	1/8	
00ACP	I	04-088-148	04-088-148	1/8	
00AIDN	O	04-088-050	04-088-050	1/8	
00AIDP	O	04-088-150	04-088-150	1/8	
00ANINTN	O	04-088-046	04-088-046	1/8	
00ANINTP	O	04-088-146	04-088-146	1/8	
00AODN	I	04-088-049	04-088-049	1/8	
00AODP	I	04-088-149	04-088-149	1/8	
00APBIN	O	04-108-150	04-108-150	1/10	
00APBIP	O	04-108-050	04-108-050	1/10	
00APBON	I	04-108-149	04-108-149	1/10	
00APBOP	I	04-108-049	04-108-049	1/10	
00ASN	I	04-088-047	04-088-047	1/8	
00ASP	I	04-088-147	04-088-147	1/8	
00A4MCN	I	04-108-152	04-108-152	1/10	
00A4MCP	I	04-108-052	04-108-052	1/10	
00A8KSN	I	04-108-151	04-108-151	1/10	
00A8KSP	I	04-108-051	04-108-051	1/10	
00BCN	I	04-088-035	04-088-035	1/8	
00BCP	I	04-088-135	04-088-135	1/8	
00BIDN	O	04-088-037	04-088-037	1/8	
00BIDP	O	04-088-137	04-088-137	1/8	
00BNINTN	O	04-088-033	04-088-033	1/8	
00BNINTP	O	04-088-133	04-088-133	1/8	
00BODN	I	04-088-036	04-088-036	1/8	
00BODP	I	04-088-136	04-088-136	1/8	
00BPBIN	O	04-108-137	04-108-137	1/10	
00BPBIP	O	04-108-037	04-108-037	1/10	
00BPBON	I	04-108-136	04-108-136	1/10	
00BPBOP	I	04-108-036	04-108-036	1/10	
00BSN	I	04-088-034	04-088-034	1/8	
00BSP	I	04-088-134	04-088-134	1/8	
00B4MCN	I	04-108-139	04-108-139	1/10	
00B4MCP	I	04-108-039	04-108-039	1/10	
00B8KSN	I	04-108-138	04-108-138	1/10	
00B8KSP	I	04-108-038	04-108-038	1/10	
00CP10	O	04-088-008	04-088-008	1/8	
00CP11	O	04-088-015	04-088-015	1/8	
00CP12	O	04-088-021	04-088-021	1/8	
00CP13	O	04-088-548	04-088-548	1/8	
00CP14	O	04-088-554	04-088-554	1/8	
00IDP10	I	04-088-006	04-088-006	1/8	
00IDP11	I	04-088-013	04-088-013	1/8	
00IDP12	I	04-088-019	04-088-019	1/8	
00IDP13	I	04-088-550	04-088-550	1/8	

ELEMENT IDENTIFIER (CONT)

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DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
00IDP14	I	04-088-556	04-088-556	1/8	
00NITP10	I	04-088-010	04-088-010	1/8	
00NITP11	I	04-088-017	04-088-017	1/8	
00NITP12	I	04-088-023	04-088-023	1/8	
00NITP13	I	04-088-546	04-088-546	1/8	
00NITP14	I	04-088-552	04-088-552	1/8	
00ODP10	O	04-088-007	04-088-007	1/8	
00ODP11	O	04-088-014	04-088-014	1/8	
00ODP12	O	04-088-020	04-088-020	1/8	
00ODP13	O	04-088-549	04-088-549	1/8	
00ODP14	O	04-088-555	04-088-555	1/8	
00PBIN10	I	04-108-006	04-108-006	1/10	
00PBIN11	I	04-108-010	04-108-010	1/10	
00PBIN12	I	04-108-015	04-108-015	1/10	
00PBIN13	I	04-108-019	04-108-019	1/10	
00PBIN14	I	04-108-023	04-108-023	1/10	
00PBON10	O	04-108-007	04-108-007	1/10	
00PBON11	O	04-108-011	04-108-011	1/10	
00PBON12	O	04-108-016	04-108-016	1/10	
00PBON13	O	04-108-020	04-108-020	1/10	
00PBON14	O	04-108-024	04-108-024	1/10	
00SP10	O	04-088-009	04-088-009	1/8	
00SP11	O	04-088-016	04-088-016	1/8	
00SP12	O	04-088-022	04-088-022	1/8	
00SP13	O	04-088-547	04-088-547	1/8	
00SP14	O	04-088-553	04-088-553	1/8	
004MCN10	O	04-108-004	04-108-004	1/10	
004MCN11	O	04-108-008	04-108-008	1/10	
004MCN12	O	04-108-013	04-108-013	1/10	
004MCN13	O	04-108-017	04-108-017	1/10	
004MCN14	O	04-108-021	04-108-021	1/10	
008KSN10	O	04-108-005	04-108-005	1/10	
008KSN11	O	04-108-009	04-108-009	1/10	
008KSN12	O	04-108-014	04-108-014	1/10	
008KSN13	O	04-108-018	04-108-018	1/10	
008KSN14	O	04-108-022	04-108-022	1/10	
01ACN	I	04-088-054	04-088-054	1/8	
01AEP	I	04-088-154	04-088-154	1/8	
01AIDN	O	04-088-056	04-088-056	1/8	
01AIDP	O	04-088-156	04-088-156	1/8	
01ANINTN	O	04-088-052	04-088-052	1/8	
01ANINTP	O	04-088-152	04-088-152	1/8	
01AODN	I	04-088-055	04-088-055	1/8	
01AODP	I	04-088-155	04-088-155	1/8	
01APBIN	O	04-108-154	04-108-154	1/10	
01APBIP	O	04-108-054	04-108-054	1/10	
01APBON	I	04-108-153	04-108-153	1/10	
01APBOP	I	04-108-053	04-108-053	1/10	
01ASN	I	04-088-053	04-088-053	1/8	
01ASP	I	04-088-153	04-088-153	1/8	
01A4MCN	I	04-108-156	04-108-156	1/10	
01A4MCP	I	04-108-056	04-108-056	1/10	
01A8KSN	I	04-108-155	04-108-155	1/10	
01A8KSP	I	04-108-055	04-108-055	1/10	
018CN	I	04-088-041	04-088-041	1/8	
018CP	I	04-088-141	04-088-141	1/8	
01BIDN	O	04-088-043	04-088-043	1/8	
01BIOP	O	04-088-143	04-088-143	1/8	
01BNINTN	O	04-088-039	04-088-039	1/8	
01BNINTP	O	04-088-139	04-088-139	1/8	
01BODN	I	04-088-042	04-088-042	1/8	
01BODP	I	04-088-142	04-088-142	1/8	
01BPBIN	O	04-108-141	04-108-141	1/10	
01BPBIP	O	04-108-041	04-108-041	1/10	
01BPBON	I	04-108-140	04-108-140	1/10	

ELEMENT IDENTIFIER (CONT)

A

DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
01BPBOP	I	04-108-040	04-108-040	1/10	
01B8N	I	04-088-040	04-088-040	1/8	
01B8P	I	04-088-140	04-088-140	1/8	
01B4MCN	I	04-108-143	04-108-143	1/10	
01B4MCP	I	04-108-043	04-108-043	1/10	
01B8KSN	I	04-108-142	04-108-142	1/10	
01B8KSP	I	04-108-042	04-108-042	1/10	
01CP26	O	04-088-509	04-088-509	1/8	
01CP27	O	04-088-516	04-088-516	1/8	
01CP28	O	04-088-522	04-088-522	1/8	
01CP29	O	04-088-535	04-088-535	1/8	
01CP30	O	04-088-541	04-088-541	1/8	
01IDP26	I	04-088-511	04-088-511	1/8	
01IDP27	I	04-088-518	04-088-518	1/8	
01IDP28	I	04-088-524	04-088-524	1/8	
01IDP29	I	04-088-537	04-088-537	1/8	
01IDP30	I	04-088-543	04-088-543	1/8	
01NITP26	I	04-088-507	04-088-507	1/8	
01NITP27	I	04-088-514	04-088-514	1/8	
01NITP28	I	04-088-520	04-088-520	1/8	
01NITP29	I	04-088-533	04-088-533	1/8	
01NITP30	I	04-088-539	04-088-539	1/8	
01ODP26	O	04-088-510	04-088-510	1/8	
01ODP27	O	04-088-517	04-088-517	1/8	
01ODP28	O	04-088-523	04-088-523	1/8	
01ODP29	O	04-088-536	04-088-536	1/8	
01ODP30	O	04-088-542	04-088-542	1/8	
01PBIN26	I	04-108-505	04-108-505	1/10	
01PBIN27	I	04-108-509	04-108-509	1/10	
01PBIN28	I	04-108-514	04-108-514	1/10	
01PBIN29	I	04-108-518	04-108-518	1/10	
01PBIN30	I	04-108-522	04-108-522	1/10	
01PBON26	O	04-108-504	04-108-504	1/10	
01PBON27	O	04-108-508	04-108-508	1/10	
01PBON28	O	04-108-513	04-108-513	1/10	
01PBON29	O	04-108-517	04-108-517	1/10	
01PBON30	O	04-108-521	04-108-521	1/10	
01SP26	O	04-088-508	04-088-508	1/8	
01SP27	O	04-088-515	04-088-515	1/8	
01SP28	O	04-088-521	04-088-521	1/8	
01SP29	O	04-088-534	04-088-534	1/8	
01SP30	O	04-088-540	04-088-540	1/8	
014MCN26	O	04-108-507	04-108-507	1/10	
014MCN27	O	04-108-511	04-108-511	1/10	
014MCN28	O	04-108-516	04-108-516	1/10	
014MCN29	O	04-108-520	04-108-520	1/10	
014MCN30	O	04-108-524	04-108-524	1/10	
018KSN26	O	04-108-506	04-108-506	1/10	
018KSN27	O	04-108-510	04-108-510	1/10	
018KSN28	O	04-108-515	04-108-515	1/10	
018KSN29	O	04-108-519	04-108-519	1/10	
018KSN30	O	04-108-523	04-108-523	1/10	
1T1IR15	I	15-000-19	13-027-032	2/3	
1T1IR16	I	15-000-20	13-037-032	2/4	
1T1IR17	I	15-000-21	13-047-032	2/5	
1T1IR18	I	15-000-22	13-057-032	2/6	
1T1IR19	I	15-000-23	13-067-032	2/7	
1T1IR20	I	15-000-24	13-129-032	2/11	
1T1IR21	I	15-000-25	13-139-032	2/12	
1T1IR22	I	15-000-26	13-149-032	2/13	
1T1IR23	I	15-000-27	13-159-032	2/14	
1T1IR24	I	15-000-28	13-169-032	2/15	
1T1IT15	I	15-000-1	13-027-132	2/3	
1T1IT16	I	15-000-2	13-037-132	2/4	

ELEMENT IDENTIFIER (CONT)

A

DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
1T1IT17	I	15-000-3	13-047-132	2/5	
1T1IT18	I	15-000-4	13-057-132	2/6	
1T1IT19	I	15-000-5	13-067-132	2/7	
1T1IT20	I	15-000-6	13-129-132	2/11	
1T1IT21	I	15-000-7	13-139-132	2/12	
1T1IT22	I	15-000-8	13-149-132	2/13	
1T1IT23	I	15-000-9	13-159-132	2/14	
1T1IT24	I	15-000-10	13-169-132	2/15	
1T10R15A	O	11-000-19	13-018-015	2/2	
1T10R16A	O	11-000-20	13-018-017	2/2	
1T10R17A	O	11-000-21	13-018-021	2/2	
1T10R18A	O	11-000-22	13-018-023	2/2	
1T10R19A	O	11-000-23	13-018-034	2/2	
1T10R20A	O	11-000-24	13-018-036	2/2	
1T10R21A	O	11-000-25	13-018-040	2/2	
1T10R22A	O	11-000-26	13-018-042	2/2	
1T10R23A	O	11-000-27	13-018-047	2/2	
1T10R24A	O	11-000-28	13-018-049	2/2	
1T10T15A	O	11-000-1	13-018-016	2/2	
1T10T16A	O*	11-000-2	13-018-018	2/2	
1T10T17A	O	11-000-3	13-018-022	2/2	
1T10T18A	O	11-000-4	13-018-024	2/2	
1T10T19A	O	11-000-5	13-018-035	2/2	
1T10T20A	O	11-000-6	13-018-037	2/2	
1T10T21A	O	11-000-7	13-018-041	2/2	
1T10T22A	O	11-000-8	13-018-043	2/2	
1T10T23A	O	11-000-9	13-018-048	2/2	
1T10T24A	O	11-000-10	13-018-050	2/2	
10ACN	I	13-088-048	13-088-048	2/8	
10ACP	I	13-088-148	13-088-148	2/8	
10AIDN	O	13-088-050	13-088-050	2/8	
10AIDP	O	13-088-150	13-088-150	2/8	
10ANINTN	O	13-088-046	13-088-046	2/8	
10ANINTP	O	13-088-146	13-088-146	2/8	
10AODN	I	13-088-049	13-088-049	2/8	
10AODP	I	13-088-149	13-088-149	2/8	
10APBIN	O	13-108-150	13-108-150	2/10	
10APBIP	O	13-108-050	13-108-050	2/10	
10APBON	I	13-108-149	13-108-149	2/10	
10APBOP	I	13-108-049	13-108-049	2/10	
10ASN	I	13-088-047	13-088-047	2/8	
10ASP	I	13-088-147	13-088-147	2/8	
10A4MCN	I	13-108-152	13-108-152	2/10	
10A4MCP	I	13-108-052	13-108-052	2/10	
10A8KSN	I	13-108-151	13-108-151	2/10	
10A8KSP	I	13-108-051	13-108-051	2/10	
10BCN	I	13-088-035	13-088-035	2/8	
10BCP	I	13-088-135	13-088-135	2/8	
10BIDN	O	13-088-037	13-088-037	2/8	
10BIDP	O	13-088-137	13-088-137	2/8	
10BNINTN	O	13-088-033	13-088-033	2/8	
10BNINTP	O	13-088-133	13-088-133	2/8	
10BODN	I	13-088-036	13-088-036	2/8	
10BODP	I	13-088-136	13-088-136	2/8	
10BPBIN	O	13-108-137	13-108-137	2/10	
10BPBIP	O	13-108-037	13-108-037	2/10	
10BPBON	I	13-108-136	13-108-136	2/10	

DIGITAL CARRIER LINE UNIT

DWG SIZE: D2

ISSUE: 3M

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SD-5D202-01

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UNIT SYMBOL

ELEMENT IDENTIFIER (CONT)

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DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
10BPB0P	I	13-108-036	13-108-036	2/10	
10BSN	I	13-088-034	13-088-034	2/8	
10BSP	I	13-088-134	13-088-134	2/8	
10B4MCN	I	13-108-139	13-108-139	2/10	
10B4MCP	I	13-108-039	13-108-039	2/10	
10B8KSN	I	13-108-138	13-108-138	2/10	
10B8KSP	I	13-108-038	13-108-038	2/10	
10CP10	O	13-088-008	13-088-008	2/8	
10CP11	O	13-088-015	13-088-015	2/8	
10CP12	O	13-088-021	13-088-021	2/8	
10CP13	O	13-088-548	13-088-548	2/8	
10CP14	O	13-088-554	13-088-554	2/8	
10IDP10	I	13-088-006	13-088-006	2/8	
10IDP11	I	13-088-013	13-088-013	2/8	
10IDP12	I	13-088-019	13-088-019	2/8	
10IDP13	I	13-088-550	13-088-550	2/8	
10IDP14	I	13-088-556	13-088-556	2/8	
10NITP10	I	13-088-010	13-088-010	2/8	
10NITP11	I	13-088-017	13-088-017	2/8	
10NITP12	I	13-088-023	13-088-023	2/8	
10NITP13	I	13-088-546	13-088-546	2/8	
10NITP14	I	13-088-552	13-088-552	2/8	
10ODP10	O	13-088-007	13-088-007	2/8	
10ODP11	O	13-088-014	13-088-014	2/8	
10ODP12	O	13-088-020	13-088-020	2/8	
10ODP13	O	13-088-549	13-088-549	2/8	
10ODP14	O	13-088-555	13-088-555	2/8	
10PBIN10	I	13-108-006	13-108-006	2/10	
10PBIN11	I	13-108-010	13-108-010	2/10	
10PBIN12	I	13-108-015	13-108-015	2/10	
10PBIN13	I	13-108-019	13-108-019	2/10	
10PBIN14	I	13-108-023	13-108-023	2/10	
10PBON10	O	13-108-007	13-108-007	2/10	
10PBON11	O	13-108-011	13-108-011	2/10	
10PBON12	O	13-108-016	13-108-016	2/10	
10PBON13	O	13-108-020	13-108-020	2/10	
10PBON14	O	13-108-024	13-108-024	2/10	
10SP10	O	13-088-009	13-088-009	2/8	
10SP11	O	13-088-016	13-088-016	2/8	
10SP12	O	13-088-022	13-088-022	2/8	
10SP13	O	13-088-547	13-088-547	2/8	
10SP14	O	13-088-553	13-088-553	2/8	
104MCN10	O	13-108-004	13-108-004	2/10	
104MCN11	O	13-108-008	13-108-008	2/10	
104MCN12	O	13-108-013	13-108-013	2/10	
104MCN13	O	13-108-017	13-108-017	2/10	
104MCN14	O	13-108-021	13-108-021	2/10	
108KSN10	O	13-108-005	13-108-005	2/10	
108KSN11	O	13-108-009	13-108-009	2/10	
108KSN12	O	13-108-014	13-108-014	2/10	
108KSN13	O	13-108-018	13-108-018	2/10	
108KSN14	O	13-108-022	13-108-022	2/10	
11ACN	I	13-088-054	13-088-054	2/8	
11ACP	I	13-088-154	13-088-154	2/8	
11AIDN	O	13-088-056	13-088-056	2/8	
11AIDP	O	13-088-156	13-088-156	2/8	
11ANINTN	O	13-088-052	13-088-052	2/8	
11ANINTP	O	13-088-152	13-088-152	2/8	
11AODN	I	13-088-055	13-088-055	2/8	
11AODP	I	13-088-155	13-088-155	2/8	
11APBIN	O	13-108-154	13-108-154	2/10	
11APBIP	O	13-108-054	13-108-054	2/10	
11APBON	I	13-108-153	13-108-153	2/10	
11APBOP	I	13-108-053	13-108-053	2/10	
11ASN	I	13-088-053	13-088-053	2/8	

ELEMENT IDENTIFIER (CONT)

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DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
11ASP	I	13-088-153	13-088-153	2/8	
11A4MCN	I	13-108-156	13-108-156	2/10	
11A4MCP	I	13-108-056	13-108-056	2/10	
11A8KSN	I	13-108-155	13-108-155	2/10	
11A8KSP	I	13-108-055	13-108-055	2/10	
11BCN	I	13-088-041	13-088-041	2/8	
11BCP	I	13-088-141	13-088-141	2/8	
11BIDN	O	13-088-043	13-088-043	2/8	
11BIDP	O	13-088-143	13-088-143	2/8	
11BNINTN	O	13-088-039	13-088-039	2/8	
11BNINTP	O	13-088-139	13-088-139	2/8	
11BODN	I	13-088-042	13-088-042	2/8	
11BODP	I	13-088-142	13-088-142	2/8	
11BPBIN	O	13-108-141	13-108-141	2/10	
11BPBIP	O	13-108-041	13-108-041	2/10	
11BPBON	I	13-108-140	13-108-140	2/10	
11BPBOP	I	13-108-040	13-108-040	2/10	
11BSN	I	13-088-040	13-088-040	2/8	
11BSP	I	13-088-140	13-088-140	2/8	
11B4MCN	I	13-108-143	13-108-143	2/10	
11B4MCP	I	13-108-043	13-108-043	2/10	
11B8KSN	I	13-108-142	13-108-142	2/10	
11B8KSP	I	13-108-042	13-108-042	2/10	
11CP26	O	13-088-509	13-088-509	2/8	
11CP27	O	13-088-516	13-088-516	2/8	
11CP28	O	13-088-522	13-088-522	2/8	
11CP29	O	13-088-535	13-088-535	2/8	
11CP30	O	13-088-541	13-088-541	2/8	
11IDP26	I	13-088-511	13-088-511	2/8	
11IDP27	I	13-088-518	13-088-518	2/8	
11IDP28	I	13-088-524	13-088-524	2/8	
11IDP29	I	13-088-537	13-088-537	2/8	
11IDP30	I	13-088-543	13-088-543	2/8	
11NITP26	I	13-088-507	13-088-507	2/8	
11NITP27	I	13-088-514	13-088-514	2/8	
11NITP28	I	13-088-520	13-088-520	2/8	
11NITP29	I	13-088-533	13-088-533	2/8	
11NITP30	I	13-088-539	13-088-539	2/8	
11ODP26	O	13-088-510	13-088-510	2/8	
11ODP27	O	13-088-517	13-088-517	2/8	
11ODP28	O	13-088-523	13-088-523	2/8	
11ODP29	O	13-088-536	13-088-536	2/8	
11ODP30	O	13-088-542	13-088-542	2/8	
11PBIN26	I	13-108-505	13-108-505	2/10	
11PBIN27	I	13-108-509	13-108-509	2/10	
11PBIN28	I	13-108-514	13-108-514	2/10	
11PBIN29	I	13-108-518	13-108-518	2/10	
11PBIN30	I	13-108-522	13-108-522	2/10	
11PBON26	O	13-108-504	13-108-504	2/10	
11PBON27	O	13-108-508	13-108-508	2/10	
11PBON28	O	13-108-513	13-108-513	2/10	
11PBON29	O	13-108-517	13-108-517	2/10	
11PBON30	O	13-108-521	13-108-521	2/10	
11SP26	O	13-088-508	13-088-508	2/8	
11SP27	O	13-088-515	13-088-515	2/8	
11SP28	O	13-088-521	13-088-521	2/8	
11SP29	O	13-088-534	13-088-534	2/8	
11SP30	O	13-088-540	13-088-540	2/8	
114MCN26	O	13-108-507	13-108-507	2/10	
114MCN27	O	13-108-511	13-108-511	2/10	
114MCN28	O	13-108-516	13-108-516	2/10	
114MCN29	O	13-108-520	13-108-520	2/10	
114MCN30	O	13-108-524	13-108-524	2/10	
118KSN26	O	13-108-506	13-108-506	2/10	

ELEMENT IDENTIFIER (CONT)

A

DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
118KSN27	O	13-108-510	13-108-510	2/10	
118KSN28	O	13-108-515	13-108-515	2/10	
118KSN29	O	13-108-519	13-108-519	2/10	
118KSN30	O	13-108-523	13-108-523	2/10	

DIGITAL CARRIER LINE UNIT

DWG SIZE: D2

ISSUE: 3M

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CAD 002

P/O PERIPHERAL INTERFACE DATA BUS (SEE NOTE 203)

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
..... J				04-108	JACK/CP	.....			
TO CONN CKT	00BPB0P		P000	036	00BPB0P				
	00BPB1P		P001	037	00BPB1P				
	00B8KSP		P002	038	00B8KSP				
	00B4MCP		P003	039	00B4MCP				
	00BPB0N		P000	136	00BPB0N				
	00BPB1N		P001	137	00BPB1N				
	00B8KSN		P002	138	00B8KSN				
	00B4MCN		P003	139	00B4MCN				
..... J				04-108	JACK/CP	.....			
TO CONN CKT	01BPB0P		P004	040	01BPB0P				
	01BPB1P		P005	041	01BPB1P				
	01B8KSP		P006	042	01B8KSP				
	01B4MCP		P007	043	01B4MCP				
	01BPB0N		P004	140	01BPB0N				
	01BPB1N		P005	141	01BPB1N				
	01B8KSN		P006	142	01B8KSN				
	01B4MCN		P007	143	01B4MCN				
..... J				04-108	JACK/CP	.....			
TO CONN CKT	00APB0P		P008	049	00APB0P				
	00APB1P		P009	050	00APB1P				
	00A8KSP		P010	051	00A8KSP				
	00A4MCP		P011	052	00A4MCP				
	00APB0N		P008	149	00APB0N				
	00APB1N		P009	150	00APB1N				
	00A8KSN		P010	151	00A8KSN				
	00A4MCN		P011	152	00A4MCN				
..... J				04-108	JACK/CP	.....			
TO CONN CKT	01APB0P		P012	053	01APB0P				
	01APB1P		P013	054	01APB1P				
	01A8KSP		P014	055	01A8KSP				
	01A4MCP		P015	056	01A4MCP				
	01APB0N		P012	153	01APB0N				
	01APB1N		P013	154	01APB1N				
	01A8KSN		P014	155	01A8KSN				
	01A4MCN		P015	156	01A4MCN				
..... J				13-108	JACK/CP	.....			
TO CONN CKT	10BPB0P		P016	036	10BPB0P				
	10BPB1P		P017	037	10BPB1P				
	10B8KSP		P018	038	10B8KSP				
	10B4MCP		P019	039	10B4MCP				
	10BPB0N		P016	136	10BPB0N				
	10BPB1N		P017	137	10BPB1N				
	10B8KSN		P018	138	10B8KSN				
	10B4MCN		P019	139	10B4MCN				
..... J				13-108	JACK/CP	.....			
TO CONN CKT	11BPB0P		P020	040	11BPB0P				
	11BPB1P		P021	041	11BPB1P				
	11B8KSP		P022	042	11B8KSP				
	11B4MCP		P023	043	11B4MCP				
	11BPB0N		P020	140	11BPB0N				
	11BPB1N		P021	141	11BPB1N				
	11B8KSN		P022	142	11B8KSN				
	11B4MCN		P023	143	11B4MCN				
..... J				13-108	JACK/CP	.....			
TO CONN CKT	10APB0P		P024	049	10APB0P				
	10APB1P		P025	050	10APB1P				
	10A8KSP		P026	051	10A8KSP				
	10A4MCP		P027	052	10A4MCP				
	10APB0N		P024	149	10APB0N				
	10APB1N		P025	150	10APB1N				
	10A8KSN		P026	151	10A8KSN				
	10A4MCN		P027	152	10A4MCN				

CAD 002

(CONT'D)

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
..... J				13-108	JACK/CP	.....			
TO CONN CKT	11APB0P		P028	053	11APB0P				
	11APB1P		P029	054	11APB1P				
	11A8KSP		P030	055	11A8KSP				
	11A4MCP		P031	056	11A4MCP				
	11APB0N		P028	153	11APB0N				
	11APB1N		P029	154	11APB1N				
	11A8KSN		P030	155	11A8KSN				
	11A4MCN		P031	156	11A4MCN				

CAD 003

P/O PERIPHERAL INTERFACE CONTROL BUS

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
..... J				04-088	JACK/CP	.....			
	NC			032					
TO CONN CKT	00BNINTN		P000	033	00BNINTN				
	00BSN		P001	034	00BSN				
	00BCN		P002	035	00BCN				
	00BODN		P003	036	00BODN				
	00BIDN		P004	037	00BIDN				
	NC			132					
TO CONN CKT	00BNINTP		P000	133	00BNINTP				
	00BSP		P001	134	00BSP				
	00BCP		P002	135	00BCP				
	00BODP		P003	136	00BODP				
	00BIDP		P004	137	00BIDP				
..... J				04-088	JACK/CP	.....			
	NC			038					
TO CONN CKT	01BNINTN		P005	039	01BNINTN				
	01BSN		P006	040	01BSN				
	01BCN		P007	041	01BCN				
	01BODN		P008	042	01BODN				
	01BIDN		P009	043	01BIDN				
	NC			138					
TO CONN CKT	01BNINTP		P005	139	01BNINTP				
	01BSP		P006	140	01BSP				
	01BCP		P007	141	01BCP				
	01BODP		P008	142	01BODP				
	01BIDP		P009	143	01BIDP				
..... J				04-088	JACK/CP	.....			
	NC			045					
TO CONN CKT	00ANINTN		P010	046	00ANINTN				
	00ASN		P011	047	00ASN				
	00ACN		P012	048	00ACN				
	00AODN		P013	049	00AODN				
	00AIDN		P014	050	00AIDN				
	NC			145					
TO CONN CKT	00ANINTP		P010	146	00ANINTP				
	00ASP		P011	147	00ASP				
	00ACP		P012	148	00ACP				
	00AODP		P013	149	00AODP				
	00AIDP		P014	150	00AIDP				
..... J				04-088	JACK/CP	.....			
	NC			051					
TO CONN CKT	01ANINTN		P015	052	01ANINTN				
	01ASN		P016	053	01ASN				
	01ACN		P017	054	01ACN				
	01AODN		P018	055	01AODN				
	01AIDN		P019	056	01AIDN				
	NC			151					
TO CONN CKT	01ANINTP		P015	152	01ANINTP				
	01ASP		P016	153	01ASP				
	01ACP		P017	154	01ACP				
	01AODP		P018	155	01AODP				
	01AIDP		P019	156	01AIDP				

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(CONT'D)

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
..... J				13-088	JACK/CP	.....			
	NC			032					
TO CONN CKT	10BNINTN		P020	033	10BNINTN				
	10BSN		P021	034	10BSN				
	10BCN		P022	035	10BCN				
	10BODN		P023	036	10BODN				
	10BIDN		P024	037	10BIDN				
	NC			132					
TO CONN CKT	10BNINTP		P020	133	10BNINTP				
	10BSP		P021	134	10BSP				
	10BCP		P022	135	10BCP				
	10BODP		P023	136	10BODP				
	10BIDP		P024	137	10BIDP				
..... J				13-088	JACK/CP	.....			
	NC			038					
TO CONN CKT	11BNINTN		P025	039	11BNINTN				
	11BSN		P026	040	11BSN				
	11BCN		P027	041	11BCN				
	11BODN		P028	042	11BODN				
	11BIDN		P029	043	11BIDN				
	NC			138					
TO CONN CKT	11BNINTP		P025	139	11BNINTP				
	11BSP		P026	140	11BSP				
	11BCP		P027	141	11BCP				
	11BODP		P028	142	11BODP				
	11BIDP		P029	143	11BIDP				
..... J				13-088	JACK/CP	.....			
	NC			045					
TO CONN CKT	10ANINTN		P030	046	10ANINTN				
	10ASN		P031	047	10ASN				
	10ACN		P032	048	10ACN				
	10AODN		P033	049	10AODN				
	10AIDN		P034	050	10AIDN				
	NC			145					
TO CONN CKT	10ANINTP		P030	146	10ANINTP				
	10ASP		P031	147	10ASP				
	10ACP		P032	148	10ACP				
	10AODP		P033	149	10AODP				
	10AIDP		P034	150	10AIDP				
..... J				13-088	JACK/CP	.....			
	NC			051					
TO CONN CKT	11ANINTN		P035	052	11ANINTN				
	11ASN		P036	053	11ASN				
	11ACN		P037	054	11ACN				
	11AODN		P038	055	11AODN				
	11AIDN		P039	056	11AIDN				
	NC			151					
TO CONN CKT	11ANINTP		P035	152	11ANINTP				
	11ASP		P036	153	11ASP				
	11ACP		P037	154	11ACP				
	11AODP		P038	155	11AODP				
	11AIDP		P039	156	11AIDP				

DIGITAL CARRIER LINE UNIT

DWG SIZE: C2

ISSUE: 3M

AT&T

SD-5D202-01

GB5

CAD 004

P/O T1 INTERFACE

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
..... J1			02-000		CONNECTOR				
TO DSX-1 CROSS CONNECT	00T		P000	1	0T10T00A 04-018	CP	016		
	01T		P001	2	0T10T01A 04-018	CP	018		
	02T		P002	3	0T10T02A 04-018	CP	022		
	03T		P003	4	0T10T03A 04-018	CP	024		
	04T		P004	5	0T10T04A 04-018	CP	035		
	05T		P005	6	0T10T05A 04-018	CP	037		
	06T		P006	7	0T10T06A 04-018	CP	041		
	07T		P007	8	0T10T07A 04-018	CP	043		
	08T		P008	9	0T10T08A 04-018	CP	048		
	09T		P009	10	0T10T09A 04-018	CP	050		
	NC			11					
	NC			12					
	NC			13					
	NC			14					
	NC			15					
	NC			16					
	NC			17					
TO DSX-1 CROSS CONNECT	GRD			18	GRD04027				
	00R		P000	19	0T10R00A 04-018	CP	015		
	01R		P001	20	0T10R01A 04-018	CP	017		
	02R		P002	21	0T10R02A 04-018	CP	021		
	03R		P003	22	0T10R03A 04-018	CP	023		
	04R		P004	23	0T10R04A 04-018	CP	034		
	05R		P005	24	0T10R05A 04-018	CP	036		
	06R		P006	25	0T10R06A 04-018	CP	040		
	07R		P007	26	0T10R07A 04-018	CP	042		
	08R		P008	27	0T10R08A 04-018	CP	047		
	09R		P009	28	0T10R09A 04-018	CP	049		
	NC			29					
	NC			30					
	NC			31					
	NC			32					
	NC			33					
	NC			34					
	NC			35					
	NC			36					
..... J2			06-000		CONNECTOR				
TO DSX-1 CROSS CONNECT	00T1		P010	1	0T11T00 04-027	CP	132		
	01T1		P011	2	0T11T01 04-037	CP	132		
	02T1		P012	3	0T11T02 04-047	CP	132		
	03T1		P013	4	0T11T03 04-057	CP	132		
	04T1		P014	5	0T11T04 04-067	CP	132		
	05T1		P015	6	0T11T05 04-129	CP	132		
	06T1		P016	7	0T11T06 04-139	CP	132		
	07T1		P017	8	0T11T07 04-149	CP	132		
	08T1		P018	9	0T11T08 04-159	CP	132		
	09T1		P019	10	0T11T09 04-169	CP	132		
	NC			11					
	NC			12					
	NC			13					
	NC			14					
	NC			15					
	NC			16					
	NC			17					
TO DSX-1 CROSS CONNECT	GRD			18	GRD04027				
	00R1		P010	19	0T11R00 04-027	CP	032		
	01R1		P011	20	0T11R01 04-037	CP	032		
	02R1		P012	21	0T11R02 04-047	CP	032		
	03R1		P013	22	0T11R03 04-057	CP	032		
	04R1		P014	23	0T11R04 04-067	CP	032		
	05R1		P015	24	0T11R05 04-129	CP	032		
	06R1		P016	25	0T11R06 04-139	CP	032		
	07R1		P017	26	0T11R07 04-149	CP	032		
	08R1		P018	27	0T11R08 04-159	CP	032		
	09R1		P019	28	0T11R09 04-169	CP	032		
	NC			29					
	NC			30					
	NC			31					
	NC			32					
	NC			33					
	NC			34					
	NC			35					
	NC			36					
..... J3			11-000		CONNECTOR				
TO DSX-1 CROSS CONNECT	00T		P020	1	1T10T15A 13-018	CP	016		
	01T		P021	2	1T10T16A 13-018	CP	018		
	02T		P022	3	1T10T17A 13-018	CP	022		
	03T		P023	4	1T10T18A 13-018	CP	024		
	04T		P024	5	1T10T19A 13-018	CP	035		

CAD 004

(CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
..... J3			11-000 (CONT'D)		CONNECTOR				
	05T		P025	6	1T10T20A 13-018	CP	037		
	06T		P026	7	1T10T21A 13-018	CP	041		
	07T		P027	8	1T10T22A 13-018	CP	043		
	08T		P028	9	1T10T23A 13-018	CP	048		
	09T		P029	10	1T10T24A 13-018	CP	050		
	NC			11					
	NC			12					
	NC			13					
	NC			14					
	NC			15					
	NC			16					
	NC			17					
TO DSX-1 CROSS CONNECT	GRD			18	GRD13027				
	00R		P020	19	1T10R15A 13-018	CP	015		
	01R		P021	20	1T10R16A 13-018	CP	017		
	02R		P022	21	1T10R17A 13-018	CP	021		
	03R		P023	22	1T10R18A 13-018	CP	023		
	04R		P024	23	1T10R19A 13-018	CP	034		
	05R		P025	24	1T10R20A 13-018	CP	036		
	06R		P026	25	1T10R21A 13-018	CP	040		
	07R		P027	26	1T10R22A 13-018	CP	042		
	08R		P028	27	1T10R23A 13-018	CP	047		
	09R		P029	28	1T10R24A 13-018	CP	049		
	NC			29					
	NC			30					
	NC			31					
	NC			32					
	NC			33					
	NC			34					
	NC			35					
	NC			36					
..... J4			15-000		CONNECTOR				
TO DSX-1 CROSS CONNECT	00T1		P030	1	1T11T15 13-027	CP	132		
	01T1		P031	2	1T11T16 13-037	CP	132		
	02T1		P032	3	1T11T17 13-047	CP	132		
	03T1		P033	4	1T11T18 13-057	CP	132		
	04T1		P034	5	1T11T19 13-067	CP	132		
	05T1		P035	6	1T11T20 13-129	CP	132		
	06T1		P036	7	1T11T21 13-139	CP	132		
	07T1		P037	8	1T11T22 13-149	CP	132		
	08T1		P038	9	1T11T23 13-159	CP	132		
	09T1		P039	10	1T11T24 13-169	CP	132		
	NC			11					
	NC			12					
	NC			13					
	NC			14					
	NC			15					
	NC			16					
	NC			17					
TO DSX-1 CROSS CONNECT	GRD			18	GRD13027				
	00R1		P030	19	1T11R15 13-027	CP	032		
	01R1		P031	20	1T11R16 13-037	CP	032		
	02R1		P032	21	1T11R17 13-047	CP	032		
	03R1		P033	22	1T11R18 13-057	CP	032		
	04R1		P034	23	1T11R19 13-067	CP	032		
	05R1		P035	24	1T11R20 13-129	CP	032		
	06R1		P036	25	1T11R21 13-139	CP	032		
	07R1		P037	26	1T11R22 13-149	CP	032		
	08R1		P038	27	1T11R23 13-159	CP	032		
	09R1		P039	28	1T11R24 13-169	CP	032		
	NC			29					
	NC			30					
	NC			31					
	NC			32					
	NC			33					
	NC			34					
	NC			35					
	NC			36					

CAD 005

POWER AND GROUND ACCESS

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
..... J			02-007		LUG				
TO CONN CKT	-48VA		001		-48VA	04-010	CP 102		
..... J			02-015		LUG				
TO CONN CKT	-48VARTN		001		-48VARTN	04-010	CP 001		
..... J			02-179		LUG				
NC			004		-48VARTN	04-010	CP 001		
..... J			02-179		LUG				
NC			000		-48VA	04-010	CP 102		
..... J			02-179		LUG				
TO CONN CKT	FRGRDA		008		FRGRDA	04-088	CP 001		
..... J			11-007		LUG				
NC			001		-48VB	13-010	CP 102		
..... J			11-015		LUG				
NC			001		-48VBRTN	13-010	CP 001		
..... J			11-179		LUG				
TO CONN CKT	FRGRDB		008		FRGRDB	13-088	CP 001		
..... J			11-179		LUG				
TO CONN CKT	-48VB		000		-48VB	13-010	CP 102		
..... J			11-179		LUG				
TO CONN CKT	-48VBRTN		004		-48VBRTN	13-010	CP 001		

CAD 006

PERIPHERAL INTERFACE DATA BUS FOR DCLU-SUPP

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
..... J			04-087		JACK/TF				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088		P000	005	GRD04088				
	GRD04088		P001	006	GRD04088				
	GRD04088		P002	007	GRD04088				
	GRD04088		P003	008	GRD04088				
	GRD04088		P004	009	GRD04088				
	GRD04088		P005	010	GRD04088				

DIGITAL CARRIER LINE UNIT

DWG SIZE: D2

ISSUE: 3M

AT&T

SD-5D202-01

GB6

CAD 006
(CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
..... J			04-088		JACK/CP	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088		P000	005	GRD04088				
	00IDP10		P001	006	00IDP10				
	00ODP10		P002	007	00ODP10				
	00CP10		P003	008	00CP10				
	00SP10		P004	009	00SP10				
	00NITP10		P005	010	00NITP10				
..... J			04-087		JACK/TF	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088		P006	013	GRD04088				
	GRD04088		P007	014	GRD04088				
	GRD04088		P008	015	GRD04088				
	GRD04088		P009	016	GRD04088				
	GRD04088		P010	017	GRD04088				
	GRD04088		P011	018	GRD04088				
	GRD04088		P012	019	GRD04088				
	GRD04088		P013	020	GRD04088				
	GRD04088		P014	021	GRD04088				
	GRD04088		P015	022	GRD04088				
	GRD04088		P016	023	GRD04088				
	GRD04088		P017	024	GRD04088				
..... J			04-088		JACK/CP	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	00IDP11		P006	013	00IDP11				
	00ODP11		P007	014	00ODP11				
	00CP11		P008	015	00CP11				
	00SP11		P009	016	00SP11				
	00NITP11		P010	017	00NITP11				
	GRD04088		P011	018	GRD04088				
	00IDP12		P012	019	00IDP12				
	00ODP12		P013	020	00ODP12				
	00CP12		P014	021	00CP12				
	00SP12		P015	022	00SP12				
	00NITP12		P016	023	00NITP12				
	GRD04088		P017	024	GRD04088				
..... J			04-094		JACK/TF	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088		P018	006	GRD04088				
	GRD04088		P019	007	GRD04088				
	GRD04088		P020	008	GRD04088				
	GRD04088		P021	009	GRD04088				
	GRD04088		P022	010	GRD04088				
	GRD04088		P023	011	GRD04088				
..... J			04-088		JACK/CP	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088		P018	506	GRD04088				
	01NITP26		P019	507	01NITP26				
	01SP26		P020	508	01SP26				
	01CP26		P021	509	01CP26				
	01ODP26		P022	510	01ODP26				
	01IDP26		P023	511	01IDP26				
..... J			04-094		JACK/TF	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088		P024	013	GRD04088				
	GRD04088		P025	014	GRD04088				
	GRD04088		P026	015	GRD04088				
	GRD04088		P027	016	GRD04088				
	GRD04088		P028	017	GRD04088				
	GRD04088		P029	018	GRD04088				
	GRD04088		P030	019	GRD04088				
	GRD04088		P031	020	GRD04088				
	GRD04088		P032	021	GRD04088				
	GRD04088		P033	022	GRD04088				
	GRD04088		P034	023	GRD04088				
	GRD04088		P035	024	GRD04088				
..... J			04-088		JACK/CP	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088		P024	513	GRD04088				
	01NITP27		P025	514	01NITP27				
	01SP27		P026	515	01SP27				
	01CP27		P027	516	01CP27				
	01ODP27		P028	517	01ODP27				
	01IDP27		P029	518	01IDP27				
	GRD04088		P030	519	GRD04088				

CAD 006
(CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
..... J			04-088 (CONT'D)		JACK/CP	.....			
	01NITP28		P031	520	01NITP28				
	01SP28		P032	521	01SP28				
	01CP28		P033	522	01CP28				
	01ODP28		P034	523	01ODP28				
	01IDP28		P035	524	01IDP28				
..... J			04-094		JACK/TF	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088		P036	032	GRD04088				
	GRD04088		P037	033	GRD04088				
	GRD04088		P038	034	GRD04088				
	GRD04088		P039	035	GRD04088				
	GRD04088		P040	036	GRD04088				
	GRD04088		P041	037	GRD04088				
	GRD04088		P042	038	GRD04088				
	GRD04088		P043	039	GRD04088				
	GRD04088		P044	040	GRD04088				
	GRD04088		P045	041	GRD04088				
	GRD04088		P046	042	GRD04088				
	GRD04088		P047	043	GRD04088				
..... J			04-088		JACK/CP	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088		P036	532	GRD04088				
	01NITP29		P037	533	01NITP29				
	01SP29		P038	534	01SP29				
	01CP29		P039	535	01CP29				
	01ODP29		P040	536	01ODP29				
	01IDP29		P041	537	01IDP29				
	GRD04088		P042	538	GRD04088				
	01NITP30		P043	539	01NITP30				
	01SP30		P044	540	01SP30				
	01CP30		P045	541	01CP30				
	01ODP30		P046	542	01ODP30				
	01IDP30		P047	543	01IDP30				
..... J			04-094		JACK/TF	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088		P048	045	GRD04088				
	GRD04088		P049	046	GRD04088				
	GRD04088		P050	047	GRD04088				
	GRD04088		P051	048	GRD04088				
	GRD04088		P052	049	GRD04088				
	GRD04088		P053	050	GRD04088				
	GRD04088		P054	051	GRD04088				
	GRD04088		P055	052	GRD04088				
	GRD04088		P056	053	GRD04088				
	GRD04088		P057	054	GRD04088				
	GRD04088		P058	055	GRD04088				
	GRD04088		P059	056	GRD04088				
..... J			04-088		JACK/CP	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088		P048	545	GRD04088				
	00NITP13		P049	546	00NITP13				
	00SP13		P050	547	00SP13				
	00CP13		P051	548	00CP13				
	00ODP13		P052	549	00ODP13				
	00IDP13		P053	550	00IDP13				
	GRD04088		P054	551	GRD04088				
	00NITP14		P055	552	00NITP14				
	00SP14		P056	553	00SP14				
	00CP14		P057	554	00CP14				
	00ODP14		P058	555	00ODP14				
	00IDP14		P059	556	00IDP14				
..... J			13-087		JACK/TF	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13088		P060	005	GRD13088				
	GRD13088		P061	006	GRD13088				
	GRD13088		P062	007	GRD13088				
	GRD13088		P063	008	GRD13088				
	GRD13088		P064	009	GRD13088				
	GRD13088		P065	010	GRD13088				

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(CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
..... J			13-088		JACK/CP	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13088		P060	005	GRD13088				
	10IDP10		P061	006	10IDP10				
	10ODP10		P062	007	10ODP10				
	10CP10		P063	008	10CP10				
	10SP10		P064	009	10SP10				
	10NITP10		P065	010	10NITP10				
..... J			13-087		JACK/TF	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13088		P066	013	GRD13088				
	GRD13088		P067	014	GRD13088				
	GRD13088		P068	015	GRD13088				
	GRD13088		P069	016	GRD13088				
	GRD13088		P070	017	GRD13088				
	GRD13088		P071	018	GRD13088				
	GRD13088		P072	019	GRD13088				
	GRD13088		P073	020	GRD13088				
	GRD13088		P074	021	GRD13088				
	GRD13088		P075	022	GRD13088				
	GRD13088		P076	023	GRD13088				
	GRD13088		P077	024	GRD13088				
..... J			13-088		JACK/CP	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	10IDP11		P066	013	10IDP11				
	10ODP11		P067	014	10ODP11				
	10CP11		P068	015	10CP11				
	10SP11		P069	016	10SP11				
	10NITP11		P070	017	10NITP11				
	GRD13088		P071	018	GRD13088				
	10IDP12		P072	019	10IDP12				
	10ODP12		P073	020	10ODP12				
	10CP12		P074	021	10CP12				
	10SP12		P075	022	10SP12				
	10NITP12		P076	023	10NITP12				
	GRD13088		P077	024	GRD13088				
..... J			13-094		JACK/TF	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13088		P078	006	GRD13088				
	GRD13088		P079	007	GRD13088				
	GRD13088		P080	008	GRD13088				
	GRD13088		P081	009	GRD13088				
	GRD13088		P082	010	GRD13088				
	GRD13088		P083	011	GRD13088				
..... J			13-088		JACK/CP	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13088		P078	506	GRD13088				
	11NITP26		P079	507	11NITP26				
	11SP26		P080	508	11SP26				
	11CP26		P081	509	11CP26				
	11ODP26		P082	510	11ODP26				
	11IDP26		P083	511	11IDP26				

DIGITAL CARRIER LINE UNIT

DWG SIZE: D2

ISSUE: 3M

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CAD 006
(CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				13-094	JACK/TF	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13088		P084	013	GRD13088				
	GRD13088		P085	014	GRD13088				
	GRD13088		P086	015	GRD13088				
	GRD13088		P087	016	GRD13088				
|	GRD13088		P088	017	GRD13088				
|	GRD13088		P089	018	GRD13088				
|	GRD13088		P090	019	GRD13088				
|	GRD13088		P091	020	GRD13088				
|	GRD13088		P092	021	GRD13088				
|	GRD13088		P093	022	GRD13088				
|	GRD13088		P094	023	GRD13088				
|	GRD13088		P095	024	GRD13088				
.....J				13-088	JACK/CP	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13088		P084	513	GRD13088				
	11NITP27		P085	514	11NITP27				
	11SP27		P086	515	11SP27				
	11CP27		P087	516	11CP27				
|	11ODP27		P088	517	11ODP27				
|	11IDP27		P089	518	11IDP27				
|	GRD13088		P090	519	GRD13088				
|	11NITP28		P091	520	11NITP28				
|	11SP28		P092	521	11SP28				
|	11CP28		P093	522	11CP28				
|	11ODP28		P094	523	11ODP28				
|	11IDP28		P095	524	11IDP28				
.....J				13-094	JACK/TF	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13088		P096	032	GRD13088				
	GRD13088		P097	033	GRD13088				
	GRD13088		P098	034	GRD13088				
	GRD13088		P099	035	GRD13088				
|	GRD13088		P100	036	GRD13088				
|	GRD13088		P101	037	GRD13088				
|	GRD13088		P102	038	GRD13088				
|	GRD13088		P103	039	GRD13088				
|	GRD13088		P104	040	GRD13088				
|	GRD13088		P105	041	GRD13088				
|	GRD13088		P106	042	GRD13088				
|	GRD13088		P107	043	GRD13088				
.....J				13-088	JACK/CP	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13088		P096	532	GRD13088				
	11NITP29		P097	533	11NITP29				
	11SP29		P098	534	11SP29				
	11CP29		P099	535	11CP29				
|	11ODP29		P100	536	11ODP29				
|	11IDP29		P101	537	11IDP29				
|	GRD13088		P102	538	GRD13088				
|	11NITP30		P103	539	11NITP30				
|	11SP30		P104	540	11SP30				
|	11CP30		P105	541	11CP30				
|	11ODP30		P106	542	11ODP30				
|	11IDP30		P107	543	11IDP30				
.....J				13-094	JACK/TF	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13088		P108	045	GRD13088				
	GRD13088		P109	046	GRD13088				
	GRD13088		P110	047	GRD13088				
	GRD13088		P111	048	GRD13088				
|	GRD13088		P112	049	GRD13088				
|	GRD13088		P113	050	GRD13088				
|	GRD13088		P114	051	GRD13088				
|	GRD13088		P115	052	GRD13088				
|	GRD13088		P116	053	GRD13088				
|	GRD13088		P117	054	GRD13088				
|	GRD13088		P118	055	GRD13088				
|	GRD13088		P119	056	GRD13088				
.....J				13-088	JACK/CP	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13088		P108	545	GRD13088				
	10NITP13		P109	546	10NITP13				
	10SP13		P110	547	10SP13				
	10CP13		P111	548	10CP13				
|	10ODP13		P112	549	10ODP13				

CAD 006
(CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				13-088 (CONT'D)	JACK/CP	.....			
|	10IDP13		P113	550	10IDP13				
|	GRD13088		P114	551	GRD13088				
|	10NITP14		P115	552	10NITP14				
|	10SP14		P116	553	10SP14				
|	10CP14		P117	554	10CP14				
|	10ODP14		P118	555	10ODP14				
|	10IDP14		P119	556	10IDP14				

CAD 007
PERIPHERAL INTERFACE CONTROL BUS FOR DCLU-SUPP

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-107	JACK/TF	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04108		P000	004	GRD04108				
	GRD04108		P001	005	GRD04108				
	GRD04108		P002	006	GRD04108				
	GRD04108		P003	007	GRD04108				
|	GRD04108		P004	008	GRD04108				
|	GRD04108		P005	009	GRD04108				
|	GRD04108		P006	010	GRD04108				
|	GRD04108		P007	011	GRD04108				
.....J				04-108	JACK/CP	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	004MCN10		P000	004	004MCN10				
	008KSN10		P001	005	008KSN10				
	00PBIN10		P002	006	00PBIN10				
	00PBON10		P003	007	00PBON10				
|	004MCN11		P004	008	004MCN11				
|	008KSN11		P005	009	008KSN11				
|	00PBIN11		P006	010	00PBIN11				
|	00PBON11		P007	011	00PBON11				
.....J				04-107	JACK/TF	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04108		P008	013	GRD04108				
	GRD04108		P009	014	GRD04108				
	GRD04108		P010	015	GRD04108				
	GRD04108		P011	016	GRD04108				
|	GRD04108		P012	017	GRD04108				
|	GRD04108		P013	018	GRD04108				
|	GRD04108		P014	019	GRD04108				
|	GRD04108		P015	020	GRD04108				
|	GRD04108		P016	021	GRD04108				
|	GRD04108		P017	022	GRD04108				
|	GRD04108		P018	023	GRD04108				
|	GRD04108		P019	024	GRD04108				
.....J				04-108	JACK/CP	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	004MCN12		P008	013	004MCN12				
	008KSN12		P009	014	008KSN12				
	00PBIN12		P010	015	00PBIN12				
	00PBON12		P011	016	00PBON12				
|	004MCN13		P012	017	004MCN13				
|	008KSN13		P013	018	008KSN13				
|	00PBIN13		P014	019	00PBIN13				
|	00PBON13		P015	020	00PBON13				
|	004MCN14		P016	021	004MCN14				
|	008KSN14		P017	022	008KSN14				
|	00PBIN14		P018	023	00PBIN14				
|	00PBON14		P019	024	00PBON14				
.....J				04-114	JACK/TF	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04108		P020	004	GRD04108				
	GRD04108		P021	005	GRD04108				
	GRD04108		P022	006	GRD04108				
	GRD04108		P023	007	GRD04108				

CAD 007
(CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-114 (CONT'D)	JACK/TF	.....			
|	GRD04108		P024	008	GRD04108				
|	GRD04108		P025	009	GRD04108				
|	GRD04108		P026	010	GRD04108				
|	GRD04108		P027	011	GRD04108				
.....J				04-108	JACK/CP	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	01PBON26		P020	504	01PBON26				
	01PBIN26		P021	505	01PBIN26				
	018KSN26		P022	506	018KSN26				
	014MCN26		P023	507	014MCN26				
|	01PBON27		P024	508	01PBON27				
|	01PBIN27		P025	509	01PBIN27				
|	018KSN27		P026	510	018KSN27				
|	014MCN27		P027	511	014MCN27				
.....J				04-114	JACK/TF	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04108		P028	013	GRD04108				
	GRD04108		P029	014	GRD04108				
	GRD04108		P030	015	GRD04108				
	GRD04108		P031	016	GRD04108				
|	GRD04108		P032	017	GRD04108				
|	GRD04108		P033	018	GRD04108				
|	GRD04108		P034	019	GRD04108				
|	GRD04108		P035	020	GRD04108				
|	GRD04108		P036	021	GRD04108				
|	GRD04108		P037	022	GRD04108				
|	GRD04108		P038	023	GRD04108				
|	GRD04108		P039	024	GRD04108				
.....J				04-108	JACK/CP	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	01PBON28		P028	513	01PBON28				
	01PBIN28		P029	514	01PBIN28				
	018KSN28		P030	515	018KSN28				
	014MCN28		P031	516	014MCN28				
|	01PBON29		P032	517	01PBON29				
|	01PBIN29		P033	518	01PBIN29				
|	018KSN29		P034	519	018KSN29				
|	014MCN29		P035	520	014MCN29				
|	01PBON30		P036	521	01PBON30				
|	01PBIN30		P037	522	01PBIN30				
|	018KSN30		P038	523	018KSN30				
|	014MCN30		P039	524	014MCN30				
.....J				13-107	JACK/TF	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13108		P040	004	GRD13108				
	GRD13108		P041	005	GRD13108				
	GRD13108		P042	006	GRD13108				
	GRD13108		P043	007	GRD13108				
|	GRD13108		P044	008	GRD13108				
|	GRD13108		P045	009	GRD13108				
|	GRD13108		P046	010	GRD13108				
|	GRD13108		P047	011	GRD13108				

DIGITAL CARRIER LINE UNIT

DWG SIZE: C2

ISSUE: 3M

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CAD 007
(CONT'D)

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				13-108	JACK/CP	.....			
TO DIGITAL	104MCN10		P040	004	104MCN10				
CARRIER LINE	108KSN10		P041	005	108KSN10				
UNIT SUPPLEMENT	10PBIN10		P042	006	10PBIN10				
CKT	10PBON10		P043	007	10PBON10				
|	104MCN11		P044	008	104MCN11				
|	108KSN11		P045	009	108KSN11				
|	10PBIN11		P046	010	10PBIN11				
|	10PBON11		P047	011	10PBON11				
.....J				13-107	JACK/TF	.....			
TO DIGITAL	GRD13108		P048	013	GRD13108				
CARRIER LINE	GRD13108		P049	014	GRD13108				
UNIT SUPPLEMENT	GRD13108		P050	015	GRD13108				
CKT	GRD13108		P051	016	GRD13108				
|	GRD13108		P052	017	GRD13108				
|	GRD13108		P053	018	GRD13108				
|	GRD13108		P054	019	GRD13108				
|	GRD13108		P055	020	GRD13108				
|	GRD13108		P056	021	GRD13108				
|	GRD13108		P057	022	GRD13108				
|	GRD13108		P058	023	GRD13108				
|	GRD13108		P059	024	GRD13108				
.....J				13-108	JACK/CP	.....			
TO DIGITAL	104MCN12		P048	013	104MCN12				
CARRIER LINE	108KSN12		P049	014	108KSN12				
UNIT SUPPLEMENT	10PBIN12		P050	015	10PBIN12				
CKT	10PBON12		P051	016	10PBON12				
|	104MCN13		P052	017	104MCN13				
|	108KSN13		P053	018	108KSN13				
|	10PBIN13		P054	019	10PBIN13				
|	10PBON13		P055	020	10PBON13				
|	104MCN14		P056	021	104MCN14				
|	108KSN14		P057	022	108KSN14				
|	10PBIN14		P058	023	10PBIN14				
|	10PBON14		P059	024	10PBON14				
.....J				13-114	JACK/TF	.....			
TO DIGITAL	GRD13108		P060	004	GRD13108				
CARRIER LINE	GRD13108		P061	005	GRD13108				
UNIT SUPPLEMENT	GRD13108		P062	006	GRD13108				
CKT	GRD13108		P063	007	GRD13108				
|	GRD13108		P064	008	GRD13108				
|	GRD13108		P065	009	GRD13108				
|	GRD13108		P066	010	GRD13108				
|	GRD13108		P067	011	GRD13108				
.....J				13-108	JACK/CP	.....			
TO DIGITAL	11PBON26		P060	504	11PBON26				
CARRIER LINE	11PBIN26		P061	505	11PBIN26				
UNIT SUPPLEMENT	118KSN26		P062	506	118KSN26				
CKT	114MCN26		P063	507	114MCN26				
|	11PBON27		P064	508	11PBON27				
|	11PBIN27		P065	509	11PBIN27				
|	118KSN27		P066	510	118KSN27				
|	114MCN27		P067	511	114MCN27				
.....J				13-114	JACK/TF	.....			
TO DIGITAL	GRD13108		P068	013	GRD13108				
CARRIER LINE	GRD13108		P069	014	GRD13108				
UNIT SUPPLEMENT	GRD13108		P070	015	GRD13108				
CKT	GRD13108		P071	016	GRD13108				
|	GRD13108		P072	017	GRD13108				
|	GRD13108		P073	018	GRD13108				
|	GRD13108		P074	019	GRD13108				
|	GRD13108		P075	020	GRD13108				
|	GRD13108		P076	021	GRD13108				
|	GRD13108		P077	022	GRD13108				
|	GRD13108		P078	023	GRD13108				
|	GRD13108		P079	024	GRD13108				

CAD 007
(CONT'D)

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				13-108	JACK/CP	.....			
TO DIGITAL	11PBON28		P068	513	11PBON28				
CARRIER LINE	11PBIN28		P069	514	11PBIN28				
UNIT SUPPLEMENT	118KSN28		P070	515	118KSN28				
CKT	114MCN28		P071	516	114MCN28				
|	11PBON29		P072	517	11PBON29				
|	11PBIN29		P073	518	11PBIN29				
|	118KSN29		P074	519	118KSN29				
|	114MCN29		P075	520	114MCN29				
|	11PBON30		P076	521	11PBON30				
|	11PBIN30		P077	522	11PBIN30				
|	118KSN30		P078	523	118KSN30				
|	114MCN30		P079	524	114MCN30				

CAD 008
SPARE PRINTED WIRE POINTS

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-027	CP	.....			
	NC	PW		015	GRD04027				
	NC	PW		036	OREF00				
	NC	PW		038	OREF00				
	NC	PW		039	OREF00				
	NC	PW		040	OREF00				
	NC	PW		042	OREF00				
	NC	PW		043	OREF00				
	NC	PW		045	OREF00				
	NC	PW		048	OREF00				
	NC	PW		049	OREF00				
	NC	PW		054	OREF00				
	NC	PW		055	OREF00				
	NC			104					
	NC	PW		115	GRD04027				
	NC			204					
.....J				04-037	CP	.....			
	NC	PW		015	GRD04037				
	NC	PW		036	OREF01				
	NC	PW		038	OREF01				
	NC	PW		039	OREF01				
	NC	PW		040	OREF01				
	NC	PW		042	OREF01				
	NC	PW		043	OREF01				
	NC	PW		045	OREF01				
	NC	PW		048	OREF01				
	NC	PW		049	OREF01				
	NC	PW		054	OREF01				
	NC	PW		055	OREF01				
	NC			104					
	NC	PW		115	GRD04037				
	NC			204					
.....J				04-047	CP	.....			
	NC	PW		015	GRD04047				
	NC	PW		036	OREF02				
	NC	PW		038	OREF02				
	NC	PW		039	OREF02				
	NC	PW		040	OREF02				
	NC	PW		042	OREF02				
	NC	PW		043	OREF02				
	NC	PW		045	OREF02				
	NC	PW		048	OREF02				
	NC	PW		049	OREF02				
	NC	PW		054	OREF02				
	NC	PW		055	OREF02				
	NC			104					
	NC	PW		115	GRD04047				
	NC			204					

CAD 008
(CONT'D)

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-057	CP	.....			
	NC	PW		015	GRD04057				
	NC	PW		036	OREF03				
	NC	PW		038	OREF03				
	NC	PW		039	OREF03				
	NC	PW		040	OREF03				
	NC	PW		042	OREF03				
	NC	PW		043	OREF03				
	NC	PW		045	OREF03				
	NC	PW		048	OREF03				
	NC	PW		049	OREF03				
	NC	PW		054	OREF03				
	NC	PW		055	OREF03				
	NC			104					
	NC	PW		115	GRD04057				
	NC			204					
.....J				04-067	CP	.....			
	NC	PW		015	GRD04067				
	NC	PW		036	OREF04				
	NC	PW		038	OREF04				
	NC	PW		039	OREF04				
	NC	PW		040	OREF04				
	NC	PW		042	OREF04				
	NC	PW		043	OREF04				
	NC	PW		045	OREF04				
	NC	PW		048	OREF04				
	NC	PW		049	OREF04				
	NC	PW		054	OREF04				
	NC	PW		055	OREF04				
	NC			104					
	NC	PW		115	GRD04067				
	NC			204					
.....J				04-129	CP	.....			
	NC	PW		015	GRD04129				
	NC	PW		036	OREF05				
	NC	PW		038	OREF05				
	NC	PW		039	OREF05				
	NC	PW		040	OREF05				
	NC	PW		042	OREF05				
	NC	PW		043	OREF05				
	NC	PW		045	OREF05				
	NC	PW		048	OREF05				
	NC	PW		049	OREF05				
	NC	PW		054	OREF05				
	NC	PW		055	OREF05				
	NC			104					
	NC	PW		115	GRD04129				
	NC			204					
.....J				04-139	CP	.....			
	NC	PW		015	GRD04139				
	NC	PW		036	OREF06				
	NC	PW		038	OREF06				
	NC	PW		039	OREF06				
	NC	PW		040	OREF06				
	NC	PW		042	OREF06				
	NC	PW		043	OREF06				
	NC	PW		045	OREF06				
	NC	PW		048	OREF06				
	NC	PW		049	OREF06				
	NC	PW		054	OREF06				
	NC	PW		055	OREF06				
	NC			104					
	NC	PW		115	GRD04139				
	NC			204					

DIGITAL CARRIER LINE UNIT

DWG SIZE: CZ

ISSUE: 3M

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SD-5D202-01

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CAD 008
(CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....	J			04-149	CP	.....			
	NC	PW		015	GRD04149				
	NC	PW		036	0REF07				
	NC	PW		038	0REF07				
	NC	PW		039	0REF07				
	NC	PW		040	0REF07				
	NC	PW		042	0REF07				
	NC	PW		043	0REF07				
	NC	PW		045	0REF07				
	NC	PW		048	0REF07				
	NC	PW		049	0REF07				
	NC	PW		054	0REF07				
	NC	PW		055	0REF07				
	NC			104					
	NC	PW		115	GRD04149				
	NC			204					
.....	J			04-159	CP	.....			
	NC	PW		015	GRD04159				
	NC	PW		036	0REF08				
	NC	PW		038	0REF08				
	NC	PW		039	0REF08				
	NC	PW		040	0REF08				
	NC	PW		042	0REF08				
	NC	PW		043	0REF08				
	NC	PW		045	0REF08				
	NC	PW		048	0REF08				
	NC	PW		049	0REF08				
	NC	PW		054	0REF08				
	NC	PW		055	0REF08				
	NC			104					
	NC	PW		115	GRD04159				
	NC			204					
.....	J			04-169	CP	.....			
	NC	PW		015	GRD04169				
	NC	PW		036	0REF09				
	NC	PW		038	0REF09				
	NC	PW		039	0REF09				
	NC	PW		040	0REF09				
	NC	PW		042	0REF09				
	NC	PW		043	0REF09				
	NC	PW		045	0REF09				
	NC	PW		048	0REF09				
	NC	PW		049	0REF09				
	NC	PW		054	0REF09				
	NC	PW		055	0REF09				
	NC			104					
	NC	PW		115	GRD04169				
	NC			204					
.....	J			13-027	CP	.....			
	NC	PW		015	GRD13027				
	NC	PW		036	1REF00				
	NC	PW		038	1REF00				
	NC	PW		039	1REF00				
	NC	PW		040	1REF00				
	NC	PW		042	1REF00				
	NC	PW		043	1REF00				
	NC	PW		045	1REF00				
	NC	PW		048	1REF00				
	NC	PW		049	1REF00				
	NC	PW		054	1REF00				
	NC	PW		055	1REF00				
	NC			104					
	NC	PW		115	GRD13027				
	NC			204					
.....	J			13-037	CP	.....			
	NC	PW		015	GRD13037				
	NC	PW		036	1REF01				
	NC	PW		038	1REF01				
	NC	PW		039	1REF01				
	NC	PW		040	1REF01				
	NC	PW		042	1REF01				
	NC	PW		043	1REF01				
	NC	PW		045	1REF01				
	NC	PW		048	1REF01				

CAD 008
(CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....	J			13-037 (CONT'D)	CP	.....			
	NC	PW		049	1REF01				
	NC	PW		054	1REF01				
	NC	PW		055	1REF01				
	NC			104					
	NC	PW		115	GRD13037				
	NC			204					
.....	J			13-047	CP	.....			
	NC	PW		015	GRD13047				
	NC	PW		036	1REF02				
	NC	PW		038	1REF02				
	NC	PW		039	1REF02				
	NC	PW		040	1REF02				
	NC	PW		042	1REF02				
	NC	PW		043	1REF02				
	NC	PW		045	1REF02				
	NC	PW		048	1REF02				
	NC	PW		049	1REF02				
	NC	PW		054	1REF02				
	NC	PW		055	1REF02				
	NC			104					
	NC	PW		115	GRD13047				
	NC			204					
.....	J			13-057	CP	.....			
	NC	PW		015	GRD13057				
	NC	PW		036	1REF03				
	NC	PW		038	1REF03				
	NC	PW		039	1REF03				
	NC	PW		040	1REF03				
	NC	PW		042	1REF03				
	NC	PW		043	1REF03				
	NC	PW		045	1REF03				
	NC	PW		048	1REF03				
	NC	PW		049	1REF03				
	NC	PW		054	1REF03				
	NC	PW		055	1REF03				
	NC			104					
	NC	PW		115	GRD13057				
	NC			204					
.....	J			13-067	CP	.....			
	NC	PW		015	GRD13067				
	NC	PW		036	1REF04				
	NC	PW		038	1REF04				
	NC	PW		039	1REF04				
	NC	PW		040	1REF04				
	NC	PW		042	1REF04				
	NC	PW		043	1REF04				
	NC	PW		045	1REF04				
	NC	PW		048	1REF04				
	NC	PW		049	1REF04				
	NC	PW		054	1REF04				
	NC	PW		055	1REF04				
	NC			104					
	NC	PW		115	GRD13067				
	NC			204					
.....	J			13-129	CP	.....			
	NC	PW		015	GRD13129				
	NC	PW		036	1REF05				
	NC	PW		038	1REF05				
	NC	PW		039	1REF05				
	NC	PW		040	1REF05				
	NC	PW		042	1REF05				
	NC	PW		043	1REF05				
	NC	PW		045	1REF05				
	NC	PW		048	1REF05				
	NC	PW		049	1REF05				
	NC	PW		054	1REF05				
	NC	PW		055	1REF05				
	NC			104					
	NC	PW		115	GRD13129				
	NC			204					

CAD 008
(CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....	J			13-139	CP	.....			
	NC	PW		015	GRD13139				
	NC	PW		036	1REF06				
	NC	PW		038	1REF06				
	NC	PW		039	1REF06				
	NC	PW		040	1REF06				
	NC	PW		042	1REF06				
	NC	PW		043	1REF06				
	NC	PW		045	1REF06				
	NC	PW		048	1REF06				
	NC	PW		049	1REF06				
	NC	PW		054	1REF06				
	NC	PW		055	1REF06				
	NC			104					
	NC	PW		115	GRD13139				
	NC			204					
.....	J			13-149	CP	.....			
	NC	PW		015	GRD13149				
	NC	PW		036	1REF07				
	NC	PW		038	1REF07				
	NC	PW		039	1REF07				
	NC	PW		040	1REF07				
	NC	PW		042	1REF07				
	NC	PW		043	1REF07				
	NC	PW		045	1REF07				
	NC	PW		048	1REF07				
	NC	PW		049	1REF07				
	NC	PW		054	1REF07				
	NC	PW		055	1REF07				
	NC			104					
	NC	PW		115	GRD13149				
	NC			204					
.....	J			13-159	CP	.....			
	NC	PW		015	GRD13159				
	NC	PW		036	1REF08				
	NC	PW		038	1REF08				
	NC	PW		039	1REF08				
	NC	PW		040	1REF08				
	NC	PW		042	1REF08				
	NC	PW		043	1REF08				
	NC	PW		045	1REF08				
	NC	PW		048	1REF08				
	NC	PW		049	1REF08				
	NC	PW		054	1REF08				
	NC	PW		055	1REF08				
	NC			104					
	NC	PW		115	GRD13159				
	NC			204					
.....	J			13-169	CP	.....			
	NC	PW		015	GRD13169				
	NC	PW		036	1REF09				
	NC	PW		038	1REF09				
	NC	PW		039	1REF09				
	NC	PW		040	1REF09				
	NC	PW		042	1REF09				
	NC	PW		043	1REF09				
	NC	PW		045	1REF09				
	NC	PW		048	1REF09				
	NC	PW		049	1REF09				
	NC	PW		054	1REF09				
	NC	PW		055	1REF09				
	NC			104					
	NC	PW		115	GRD13169				
	NC			204					

DIGITAL CARRIER LINE UNIT

DWG SIZE: D2

ISSUE: 3M

AT&T | SD-5D202-01 | GB10

CAD 008

(CONT'D)

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
....				04-114	TF	....			
	NC	PW		000	-48VARTN	04-010 CP	001		
....				13-114	TF	....			
	NC	PW		000	-48VBRTN	13-010 CP	001		

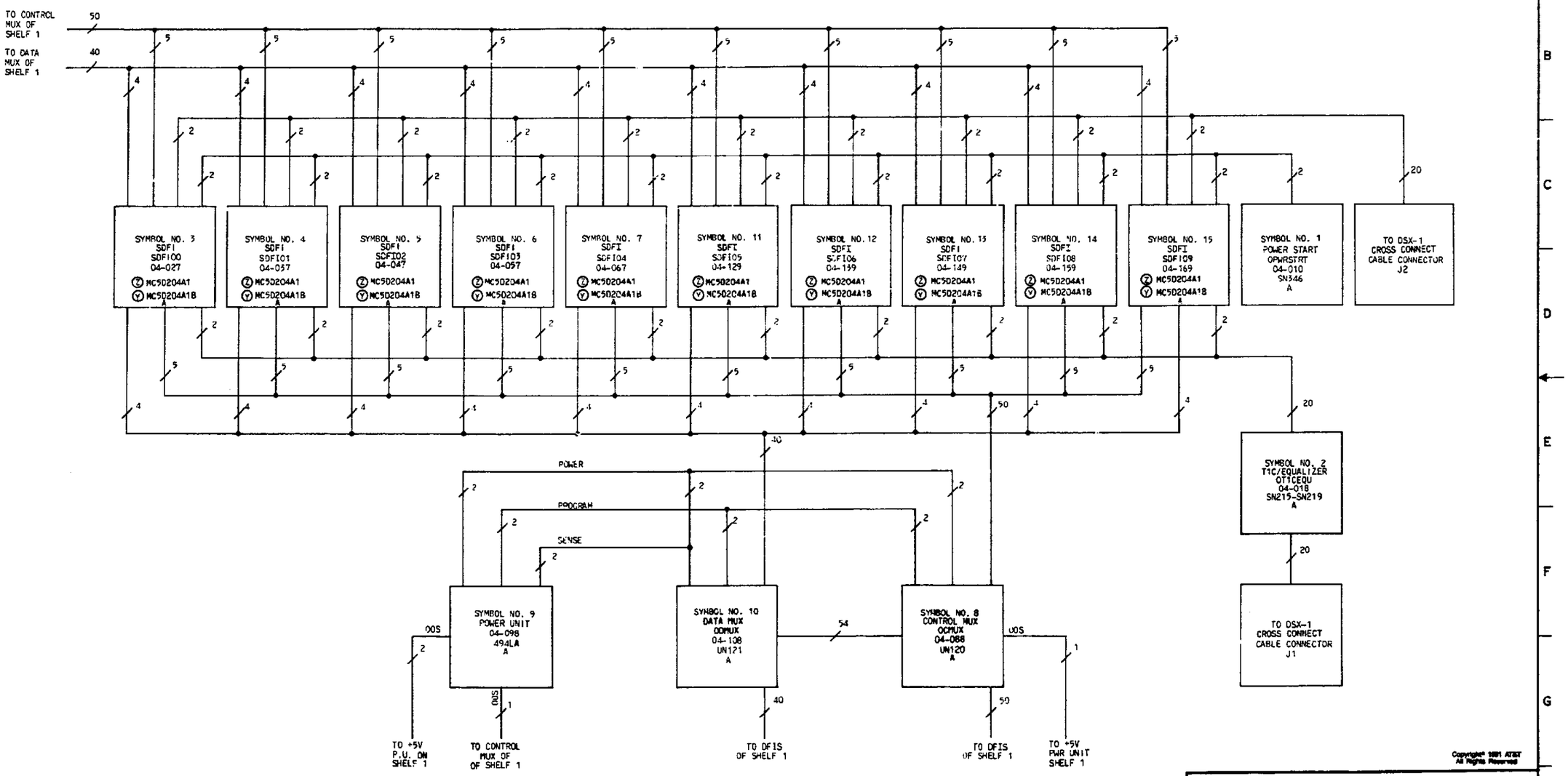
DIGITAL CARRIER LINE UNIT

DWG SIZE C2 | ISSUE 3M

AT&T | SD-5D202-01 | GB11

BD 1

OCLU SHELF 0
CIRCUIT BLOCK DIAGRAM

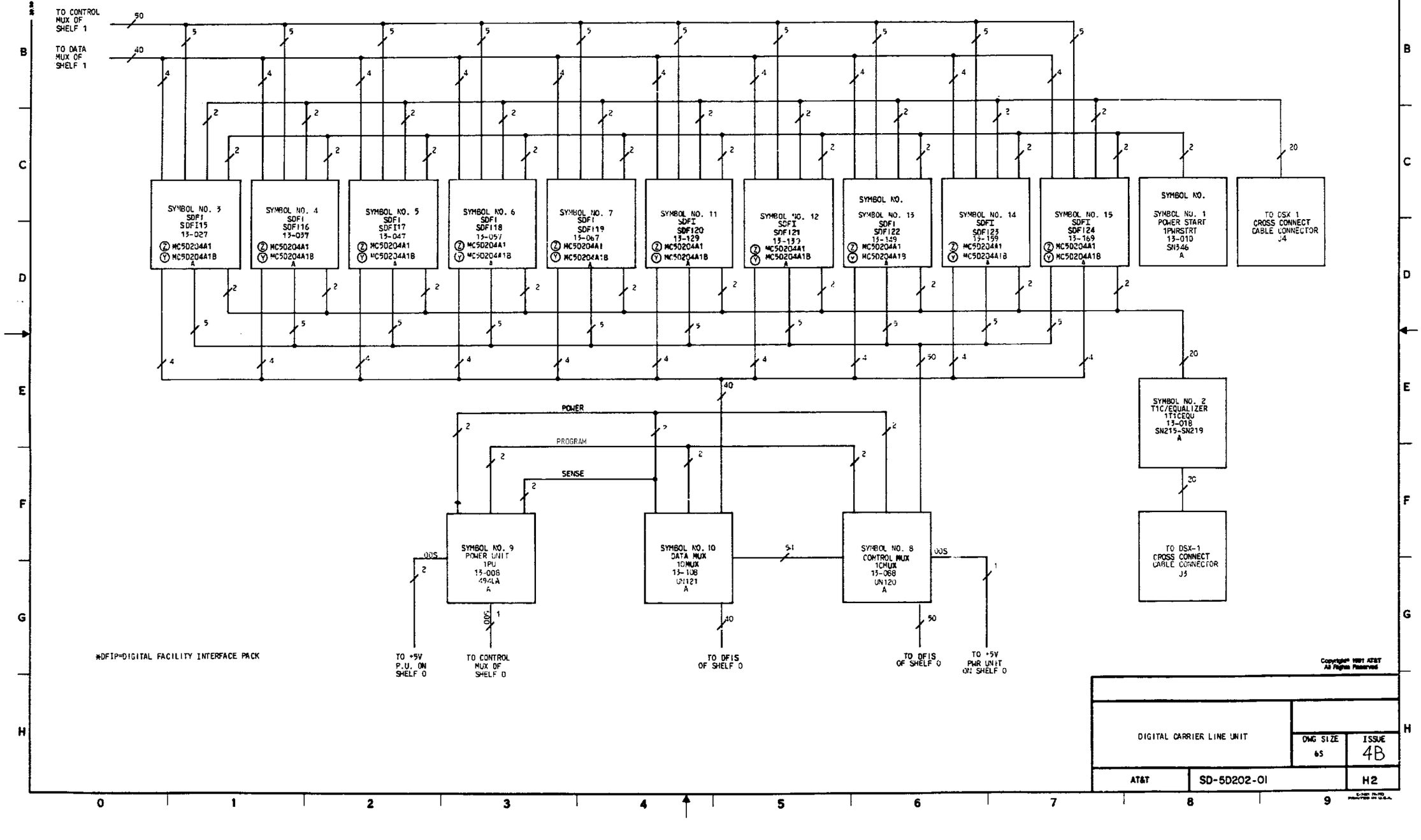


*DFIP=DIGITAL FACILITY INTERFACE PACK

DIGITAL CAPRIER LINE UNIT	DWG SIZE: 6S	ISSUE: 4B
AT&T	SD-50202-01	HI

BD 2

DCLU SHELF 1
CIRCUIT BLOCK DIAGRAM



*DFIP=DIGITAL FACILITY INTERFACE PACK

DIGITAL CARRIER LINE UNIT		DWG SIZE 65	ISSUE 4B
AT&T	SD-5D202-01		H2