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	B#1CE	B1CE	2
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	B#1CH	B1CH	2,4
	B#1CJ	B1CJ	2,4
	B#1CK	B1CK	2,4
	B#1CL	B1CL	2,4
	B#1CM	B1CM	2,4
	B#1CN	B1CN	2,4
	B#1CP	B1CP	2,4
	B#1CR	B1CR	2,4
	B#1CT	B1CT	2,4
	B#1CU	B1CU	2,4
	B#1CV	B1CV	2,4
	B#1CW	B1CW	2,4
	B#1CX	B1CX	2,4
	B#1CY	B1CY	2,4
	B#1DA	B1DA	2
C	B#1DB		
	B#1DC		
	B#1DD		
	B#1DE		
	B#1DF		
	B#1DG		
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	B#1DK		
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FS 2 LINE CIRCUIT UPPER SHELF		B2CA	2,4
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		B2CF	2
		B2CG	2
		B2CH	2,4
		B2CJ	2,4
		B2CK	2,4
		B2CL	2,4
		B2CM	2,4
		B2CN	2,4
		B2CP	2,4
		B2CR	2,4
		B2CT	2,4
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C - CANCELED SHEET

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C - CANCELED SHEET

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C - CANCELED SHEET

DWG ISS	CD ISS			
1	1			

DWG ISSUE	CD ISSUE	DATE ISSUED	DRAWN	APPR
2B	1 APPX 1B	1-29-87		
3AC	1 APPX 2AC	1-29-87		
4B	1 APPX 3B	1-29-87		

USED ON

FRAME SD	PROJECT	DSGN CONT
SD-5D012-01	5ESS	IH
SD-5D012-02	5ESS	IH

SUPPORTING INFORMATION

CATEGORY	NO.
EQUIPMENT DRAWING	J5D004AC

AT1S

5ESS™ SWITCHING EQUIPMENT
LINE UNIT, MODEL 2
CIRCUIT

(LU2)

DWG SIZE 69

ISSUE 4B

AT&T BELL LABORATORIES

SD-5D052-02

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DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION
+260V(0-1)	1,2/14	+260V(SERVICE GROUP): V+ POWER SUPPLY FOR THE ACCESS NETWORK IN A SERVICE GROUP
+295V(0-1)	1,2/14	+295V(SERVICE GROUP): VO POWER SUPPLY FOR THE ACCESS NETWORK IN A SERVICE GROUP
+297V(0-1)	1,2/14	+297V: V++G POWER SUPPLY FOR THE ACCESS NETWORK IN A SERVICE GROUP
+300VR(0-1)	1,2/14	+300VR(SERVICE GROUP): V++OR POWER SUPPLY FOR THE ACCESS NETWORK IN A SERVICE GROUP
+300VSG(0-1)	1/15	+300VSG(SERVICE GROUP): V++ POWER SUPPLY FOR THE ACCESS NETWORK IN A SERVICE GROUP
+300V(00-15)	1,2/18,21, 30,33	+300V: PROVIDE BACKUP V++ POWER BETWEEN GRIDS
+5(P,PA)	1,2/14	+5(P,PA): +5 VOLT POWER FOR THE ACCESS NETWORK IN SERVICE GROUP (0,1)
+5V(04)	1/1	+5 VOLT POWER FOR SERVICE GROUPS (0,1)
-48RTN	1/18	-48 VOLT RETURN FOR THE LOWER OF THE TWO SHELVES IN A LINE UNIT
-48RTNA	2/18	-48 VOLT RETURN FOR THE HIGHER OF THE TWO SHELVES IN A LINE UNIT
-48RTN(0,1)C	1/1,13	-48RTN(SERVICE GROUP)C: THE CONTROL LEAD TO THE POWER CONVERTER FROM THE CONTROL PACK FOR CONTROL OF THE OUT-OF-SERVICE LAMP IN SERVICE GROUP (0,1)
-48V(0,0A)	1,2/1	-48 VOLT POWER SUPPLY FOR THE POWER CONVERTER AND HIGH LEVEL SERVICE CIRCUITS IN SERVICE GROUP (0,1)
-48V(1,1A)	1,2/5	-48 VOLT POWER SUPPLY FOR THE CHANNEL PACKS, COMMON DATA PACK, AND ACCESS NETWORK IN A SERVICE GROUP(0,1)
-48V(2-5)	1/18,24, 30,36	-48V(GRID 0-3): -48 VOLT POWER SUPPLY FOR GRIDS 0 THROUGH 3
-48V(2-5)A	1/18,24, 30,36	-48V(GRID 4-7)A: -48 VOLT SUPPLY FOR GRIDS 4 THROUGH 7
-5V(04,13)	1,2/1	-5 VOLT POWER SUPPLY FOR SERVICE GROUP (0,1)
F+5(V,VA)	1,2/12	F+5(SERVICE GROUP): FLOATING +5 VOLTS FOR SERVICE GROUP (0,1)
F(GRD,GRDA)	1,2/1	FRAME GROUND FOR SERVICE GROUP (0,1)
GRDLUG	1/40	GROUND LUG
GRD(04,13)	1,2/1	DIGITAL GROUND FOR SERVICE GROUP (0,1)
RB(0-63)	1/14,15, 18,21	B-LINK RING(B-LINK)
RMTSRT	1/14	RMTSRT: THE REMOTE START LEAD OF ALL OF THE GDX POWER CONVERTERS IN THE ENTIRE LINE UNIT

MNEMONIC	ES/SYM	DEFINITION
RMTSRTC	1/1	RMTSRTC: REMOTE START LEAD THAT IS BETWEEN THE LOW VOLTAGE ALARM CONTACTS IN BOTH BELLPAC CONVERTERS
RNG(00-63)	1,2/5,7, 9,11	C-LINK RING(B-LINK)
R(0-7)(0-1)(0-7) (0-3)	1,2/16,19, 22,25,28, 31,34,37	LINE RING(GRID)(SWITCH GROUP) (SWITCH)(SWITCH INPUT LEVEL)
TB(0-63)	1/14,15, 18,21	B-LINK TIP(B-LINK)
TIP(00-63)	1,2/5,7, 9,11	C-LINK TIP(B-LINK)
T(0-7)(0-1)(0-7) (0-3)	1,2/17,20, 23,26,29, 32,35,38	LINE TIP(GRID)(SWITCH GROUP) (SWITCH)(SWITCH)(SWITCH INPUT LEVEL)
(0-1)ACASW0	1,2/13	(SERVICE GROUP)ACASW0: THE CONTROL ASW FROM THE ACCESS POWER AND CONTROL PACK TO THE COMMON CONTROL PACK
(0-1)ACASW1	1,2/13	(SERVICE GROUP)ACASW1: THE CONTROL ASW FROM THE LINEARIZATION PACK TO THE COMMON CONTROL PACK
(0-1)ACBUS(0-7)R	1,2/2, 3,4,14	(SERVICE GROUP)ACBUS(BUS)R: THE RING LEAD OF THE ACCESS BUSES FOR THE HLSC AND THE ACCESS NETWORK IN A SERVICE GROUP
(0-1)ACBUS(0-7)T	1,2/2,3, 4,14	(SERVICE GROUP)ACBUS(BUS)T: THE TIP LEAD OF THE ACCESS BUSES FOR THE HLSC AND THE ACCESS NETWORK IN A SERVICE GROUP
(0-1)ACCK0	1,2/13	(SERVICE GROUP)ACCK0: THE DATA SHIFT CLOCK LEAD FROM THE COMMON CONTROL PACK TO THE ACCESS POWER AND CONTROL PACK IN A SERVICE GROUP
(0-1)ACCK1	1,2/13	(SERVICE GROUP)ACCK1: THE DATA SHIFT CLOCK LEAD FROM THE COMMON CONTROL PACK TO THE LINEARIZATION PACK IN A SERVICE GROUP
(0-1)ACDATA0	1,2/13	(SERVICE GROUP)ACDATA0: THE SERIAL DATA LEAD FROM THE COMMON CONTROL PACK TO THE ACCESS POWER AND CONTROL PACK IN A SERVICE GROUP
(0-1)ACDATA1	1,2/13	(SERVICE GROUP)ACDATA1: THE SERIAL DATA LEAD FROM THE COMMON CONTROL PACK TO THE LINEARIZATION PACK IN A SERVICE GROUP
(0-1)ACEN0	1,2/13	(SERVICE GROUP)ACEN0: THE CONTROL ENABLE LEAD FROM THE COMMON CONTROL PACK TO THE ACCESS POWER AND CONTROL PACK IN A SERVICE GROUP
(0-1)ACEN1	1,2/13	(SERVICE GROUP)ACEN1: THE CONTROL ENABLE LEAD FROM THE COMMON CONTROL PACK TO THE LINEARIZATION IN A SERVICE GROUP
(0,1)ANLED	1/13,15	(SERVICE GROUP)ANLED: THE OUT-OF-SERVICE INDICATOR LEAD FROM THE COMMON CONTROL PACK TO AN ACCESS NETWORK IN A SERVICE GROUP

MNEMONIC	ES/SYM	DEFINITION
(0-1)ASWG(0-7) (0-1)	1/13,18, 21,24,27, 30,33,36, 29,2/13	(SERVICE GROUP)ASWG (GRID)(HALF-GRID): ALL SEEMS WELL (ASW) FROM A HALF-GRID WITHIN A GRID, TO THE COMMON CONTROL PACK
(0-1)CASW(0-1) (0-3)	1,2/5, 7,9,11	(SERVICE GROUP)CASW(0-1) (CHANNEL PACK): THE ALL SEEMS WELL (ASW) FROM THE CHANNEL PACKS TO THE COMMON CONTROL PACK IN A SERVICE GROUP
(0-1)CA(0-7)	1,2/5,7, 9,11	(SERVICE GROUP)CA(ADDRESS LEAD): THE A0-A7 CONTROL ADDRESSING LEADS FROM THE COMMON CONTROL PACK TO THE CHANNEL PACKS IN A SERVICE GROUP
(0-1)CB(0-3)	1,2/5	(SERVICE GROUP)CB(ADDRESS LEAD): THE B0-B3 CONTROL ADDRESSING LEADS FROM THE COMMON CONTROL PACK TO THE CHANNEL PACKS IN A SERVICE GROUP
(0-1)CCK(0-3)	1,2/5	(SERVICE GROUP)CCK(CLOCK LEAD): THE DATA SHIFT CLOCK LEADS FROM THE COMMON CONTROL PACK TO THE TN845 CHANNEL PACKS IN A SERVICE GROUP
(0-1)CDSCLK	1,2/5	(SERVICE GROUP)CDSCLK: THE DATA SHIFT CLOCK LEAD FROM THE COMMON CONTROL PACK TO THE TN335B CHANNEL PACKS IN A SERVICE GROUP
(0-1)CDSYNC(0-3)	1,2/5,7, 9,11	(SERVICE GROUP)CDSYNC(CHANNEL PACK): THE 256K SYNC FOR THE CHANNEL CIRCUIT CODEC FROM THE COMMON DATA PACK IN A SERVICE GROUP
(0-1)CDW	1,2/5	(SERVICE GROUP)CDW: THE SERIAL DATA LEAD FROM THE COMMON CONTROL TO THE CHANNEL PACKS IN A SERVICE GROUP
(0-1)CHDAI(0-3)	1,2/5,7, 9,11	(SERVICE GROUP)CHDAI(CHANNEL PACK): THE PCM DATA FROM THE CHANNEL PACKS TO THE COMMON DATA PACK IN A SERVICE GROUP
(0-1)CHDAO(0-3)	1,2/5,7, 9,11	(SERVICE GROUP)CHDAO(CHANNEL PACK): THE PCM DATA FROM THE COMMON DATA PACK TO THE CHANNEL PACKS IN A SERVICE GROUP
(0-1)CLG(0-7)	1/13,18, 24,30, 36,2/13	(SERVICE GROUP)CLG(GRID): THE DATA SHIFT CLOCK FROM THE COMMON CONTROL PACK TO A GRID
(0-1)CLK(0-1)(N,P)	1,2/13	(SERVICE GROUP) CLK (MCU SIDE) (POLARITY): THE CLOCK LEAD IN THE PICB FROM THE MCU TO THE COMMON CONTROL PACK IN A SERVICE GROUP
(0-1)CURPR(N,P)	1,2/1	(SERVICE GROUP) CURPR (POLARITY): THE CURRENT PROGRAMMING RESISTOR LEAD FOR A SERVICE GROUP
(0-1)CW2	1,2/5	(SERVICE GROUP)CW2: THE W2 WRITE CONTROL LEAD FROM THE COMMON CONTROL PACK TO THE CHANNEL PACKS IN A SERVICE GROUP

MNEMONIC	ES/SYM	DEFINITION
(0-1)DAIN(0-1) (N,P)	1,2/12	(SERVICE GROUP)DAIN(TSIU SIDE) (POLARITY): THE PCM DATA LEAD IN THE PIDB FROM THE TSIU TO THE COMMON DATA PACK IN A SERVICE GROUP
(0-1)DAOT(0-1) (N,P)	1,2/12	(SERVICE GROUP)DATO(TSIU SIDE) (POLARITY): THE PCM DATA LEAD IN THE PIDB FROM THE COMMON DATA PACK IN A SERVICE GROUP TO THE TSIU
(0,1)DATA(0-3)	1,2/5,7, 9,11	(SERVICE GROUP)DATA(CHANNEL PACK): THE CONTROL DATA LEAD FROM THE COMMON CONTROL PACK TO THE CHANNEL PACKS IN A SERVICE GROUP
(0-1)DG(0-7)	1/13,18, 24,30,36, 2/13	(SERVICE GROUP)DFG(GRID): THE SERIAL DATA LEAD FROM THE COMMON CONTROL PACK TO A GRID
(0-1)EG(0-7)(0-1)	1/13,18, 21,24,27, 30,33,36, 39,2/13	(SERVICE GROUP)EG(GRID)(HALF-GRID): THE CONTROL ENABLE LEAD FROM THE COMMON CONTROL PACK TO A HALF-GRID WITHIN A GRID
(0-1)HASW(0-1) (0-2)	1,2/2-4,	(SERVICE GROUP)HASW(0-1) (HLSC): THE ALL SEEMS WELL (ASW) FROM THE HLSCS TO THE COMMON CONTROL PACK IN A SERVICE GROUP
(0-1)HCK(0-2)	1,2/2-4	(SERVICE GROUP)HCK(HLSC): THE DATA SHIFT CLOCK LEAD FROM THE COMMON CONTROL PACK TO THE HLSCS
(0-1)HDATA(0-2)	1,2/2-4	(SERVICE GROUP)HDATA(HLSC): THE SERIAL DATA LEAD FROM THE HLSCS TO THE COMMON CONTROL PACK IN A SERVICE GROUP
(0-1)HDATA (0-2)0	1,2/2-4	(SERVICE GROUP)HDATA(HLSC) (DATA LEAD): THE SERIAL DATA OUT LEAD TIE ON THE HLSCS IN A SERVICE GROUP
(0-1)HDCK(0-2)	1,2/2-4	(SERVICE GROUP)HDCK(HLSC): THE DATA SHIFT CLOCK LEAD TIE ON THE HLSCS IN A SERVICE GROUP
(0-1)HDW(0-2)	1,2/2-4	(SERVICE GROUP)HDW(HLSC): THE SERIAL DATA IN LEAD TIE ON THE HLSCS IN A SERVICE GROUP
(0-1)HEN(0-2)	1,2/2-4	(SERVICE GROUP)HEN(HLSC): THE CONTROL ENABLE LEAD FROM THE COMMON CONTROL PACK TO THE THE HLSCS IN A SERVICE GROUP
(0-1)HEN (0-2)0	1,2/2-4	(SERVICE GROUP)HEN(HLSC) (CONTROL LEAD): THE CONTROL ENABLE LEAD TIE ON THE HLSCS IN A SERVICE GROUP
(0-1)HR(0-2)	1,2/2-4	(SERVICE GROUP)HR(HLSC): THE READ CONTROL LEAD TIE ON THE HLSCS IN A SERVICE GROUP
(0-1)HW(0-2)	1,2/2-4	(SERVICE GROUP)HW(HLSC): THE WRITE CONTROL LEAD TIE ON THE HLSCS IN A SERVICE GROUP

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 4B
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DESIGNATION MNEMONICS INDEX

MNEMONIC	PG/SYM	DEFINITION
(0-1)LPTST	1,2/12	(SERVICE GROUP)LPTST: THE CONTROL LEAD THAT CAUSES THE DATA ON ALL CHANNELS IN A SERVICE GROUP TO BE LOOPED BACK THE THE TSIU FROM THE COMMON DATA PACK
(0-1)MSG(0-1)(N,P)	1,2/13	(SERVICE GROUP)MSG(MCU SIDE)(POLARITY): THE SERIAL CONTROL ORDER LEAD FROM THE MCU TO THE COMMON CONTROL PACK IN A SERVICE GROUP
(0-1)MTB(R,T)	1,2/14	(SERVICE GROUP)MTR(RING,TIP): THE MAINTENANCE TEST BUS FOR A SERVICE GROUP
(0-1)NINT(0-1)(N,P)	1,2/13	(SERVICE GROUP)NINT(MCU SIDE)(POLARITY): THE REMOTE SERVICE REQUEST LEAD IN THE PICB FROM THE COMMON CONTROL PACK IN A SERVICE GROUP TO THE MCU
(0-1)PAG(0-7)(0-1)	1/13,18, 21,24,27, 30,33,36, 39,2/13	(SERVICE GROUP)PAG(GRID)(HALF-GRID): THE POWER ALARM FROM A HALF-GRID WITHIN A GRID, TO THE COMMON CONTROL PACK IN A SERVICE GROUP
(0-1)PRALRO	1,2/13	(SERVICE GROUP)PRALRO: THE POWER ALARM FROM THE ACCESS POWER AND CONTROL PACK THE THE COMMON CONTROL PACK IN A SERVICE GROUP
(0-1)RNGSUP(0-2)	1,2/2-4	(SERVICE GROUP)RNGSUP(HLSC): THE RING SUPERVISION FROM THE HLSCS TO THE COMMON CONTROL PACK IN A SERVICE GROUP
(0-1)RNG(0-2)	1,2/2-4	(SERVICE GROUP)RNG(HLSC): THE RING LEAD OF A BUS CONNECTING THE ACCESS RELAYS IN A HLSC TOGETHER
(0-1)RPLY(0-1)(N,P)	1,2/13	(SERVICE GROUP)RPLY(MCU SIDE)(POLARITY): THE SERIAL CONTROL LEAD FROM THE COMMON CONTROL PACK IN A SERVICE GROUP TO THE MCU
(0-1)RSON	1,2/1	(SERVICE GROUP)RSON: THE REMOTE START FEATURE OF THE BELLPAC CONVERTER
(0-1)SCB	1,2/12	(SERVICE GROUP)SCB: THE SYNC CUT BIT LEAD FROM THE COMMON CONTROL PACK TO THE COMMON DATA PACK IN A SERVICE GROUP
(0-1)SLCT(0-1)P	1,2/13	(SERVICE GROUP)SLCT(MCU SIDE)(POLARITY): THE SELECT LEAD FOR A PICE FROM THE MCU TO THE COMMON CONTROL PACK IN A SERVICE GROUP
(0-1)SLG(0-7)	1/13,18, 24,30,36, 2/13	(SERVICE GROUP)SLG(GRID): THE SELECT LEAD FROM THE COMMON CONTROL PACK TO A GRID
(0-1)SYNC	1,2/12	(SERVICE GROUP)SYNC: THE MISSING SYNC INTERRUPT LEAD FROM THE COMMON DATA PACK TO THE COMMON CONTROL PACK IN A SERVICE GROUP
(0-1)TIP(0-2)	1,2/2-4	(SERVICE GROUP)TIP(HLSC): THE TIP LEAD OF A BUS CONNECTING THE ACCESS RELAYS OF A HLSC TOGETHER

MNEMONIC	PG/SYM	DEFINITION
(0-1)TSA(0-7)	1,2/5,7, 9,11	(SERVICE GROUP)TSA(ADDRESS LEADS): THE PCM TIME SLOT ADDRESSING LEADS FROM THE COMMON DATA PACK TO THE CHANNEL PACKS IN A SERVICE GROUP
(0-1)TSB	1,2/12	(SERVICE GROUP)TSB: THE TIMING SELECT LEAD FROM THE COMMON CONTROL PACK TO THE COMMON DATA PACK IN A SERVICE GROUP
(0-1)TSB(0-3)(A-D)	1,2/5,7, 9,11	(SERVICE GROUP)TSB(ADDRESS LEADS)(CHANNEL PACK): THE PCM TIME SLOT ADDRESSING LEADS FROM THE COMMON DATA PACK TO THE CHANNEL PACKS IN A SERVICE GROUP
(0,1)256KHZ(0-7)	1,2/12,24, 30,36,2/12	(SERVICE GROUP)256 KHZ (GRID): THE 256 KHZ CLOCK USED FOR THE SCAN FUNCTION OF EACH GRID ORIGINATING FROM THE COMMON DATA PACKS IN SERVICE GROUP
(0-1)4MCKI(0-1)(N,P)	1,2/12	(SERVICE GROUP)4MCK(TSIU SIDE)(POLARITY): THE 4MHZ CLOCK IN THE PIDB FROM THE TSIU FOR THE COMMON DATA PACK IN A SERVICE GROUP
(0-1)4MCK(0-3)	1,2/5,7, 9,11	(SERVICE GROUP)4MCK(PACK): THE 4MHZ CLOCK LEAD TO THE CHANNEL PACKS FROM THE COMMON DATA PACK IN A SERVICE GROUP
(0,1)64KHZ	1,2/1	(SERVICE GROUP) 64 KHZ: THE 64 KHZ CLOCK ORIGINATING IN THE COMMON DATA PACK AND USED BY THE LINE UNIT +5 POWER MODULE FOR POWER GENERATION TIMING.
(0-1)8KSNC(0-1)(N,P)	1,2/12	(SERVICE GROUP)8KSNC(TSIU SIDE)(POLARITY): THE 8K SYNC LEAD IN THE PIDB FROM THE TSIU FOR THE COMMON DATA PACK IN A SERVICE GROUP

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APPARATUS INDEX

CODE	EQUIP LOC	FS/SYM	APP FIG.	OPTION
ED-7C384-30	04-058	(SEE APP FIG)	6	
ED-7C384-30	13-058	(SEE APP FIG)	6	
MC5D045A1	04-016	1/2	25	(X)
MC5D045A1	04-024	1/3	25	(X)
MC5D045A1	04-032	1/4	26	(X)
MC5D045A1	13-016	2/2	25	(X)
MC5D045A1	13-024	2/3	25	(X)
MC5D045A1	13-032	2/4	27	(X)
MC5D045A2	04-016	1/2	28	(W)
MC5D045A2	04-024	1/3	28	(W)
MC5D045A2	04-032	1/4	29	(W)
MC5D045A2	13-016	2/2	28	(W)
MC5D045A2	13-024	2/3	28	(W)
MC5D045A2	13-032	2/4	30	(W)
MC5D045A3	04-016	1/2	25	(V)
MC5D045A3	04-016	1/2	28	(V)
MC5D045A3	04-016	1/2	31	
MC5D045A3	04-024	1/3	25	(V)
MC5D045A3	04-024	1/3	25	(V)
MC5D045A3	04-024	1/3	31	
MC5D045A3	04-032	1/4	26	(V)
MC5D045A3	04-032	1/4	29	(V)
MC5D045A3	04-032	1/4	32	
MC5D045A3	13-016	2/2	25	(V)
MC5D045A3	13-016	2/2	28	(V)
MC5D045A3	13-016	2/2	31	
MC5D045A3	13-024	2/3	25	(V)
MC5D045A3	13-024	2/3	28	(V)
MC5D045A3	13-024	2/3	31	
MC5D045A3	13-032	2/4	27	(V)
MC5D045A3	13-032	2/4	30	(V)
MC5D045A3	13-032	2/4	33	
TN1048	04-112	1/15	16	
TN1048	04-120	1/18	16	
TN1048	04-128	1/21	16	
TN1048	04-136	1/24	16	
TN1048	04-144	1/27	16	
TN1048	04-152	1/30	16	
TN1048	04-160	1/33	16	
TN1048	04-168	1/36	16	
TN1048	13-112	2/15	17	
TN1048	13-120	2/18	17	
TN1048	13-128	2/21	17	
TN1048	13-136	2/24	17	
TN1048	13-144	2/27	18	
TN1048	13-152	2/30	18	
TN1048	13-160	2/33	18	
TN1048	13-168	2/36	18	
TN1058	04-112	1/15	13	
TN1058	04-120	1/18	13	
TN1058	04-128	1/21	13	
TN1058	04-136	1/24	13	

APPARATUS INDEX (CONT)

CODE	EQUIP LOC	FS/SYM	APP FIG.	OPTION
TN1058	04-144	1/27	13	
TN1058	04-152	1/30	13	
TN1058	04-160	1/33	13	
TN1058	04-168	1/36	13	
TN1058	13-112	2/15	14	
TN1058	13-120	2/18	14	
TN1058	13-128	2/21	14	
TN1058	13-136	2/24	14	
TN1058	13-144	2/27	15	
TN1058	13-152	2/30	15	
TN1058	13-160	2/33	15	
TN1058	13-168	2/36	15	
TN335C	04-046	1/5	7	
TN335C	04-054	1/6	7	
TN335C	04-062	1/7	7	
TN335C	04-070	1/8	7	
TN335C	13-046	2/5	7	
TN335C	13-054	2/6	7	
TN335C	13-062	2/7	7	
TN335C	13-070	2/8	7	
TN831	04-096	1/11	6	
TN831	13-096	2/11	6	
TN832	04-104	1/12	6	
TN832	13-104	2/12	10	
TN838	04-112	1/15	10	
TN838	04-120	1/18	10	
TN838	04-128	1/21	10	
TN838	04-136	1/24	10	
TN838	04-144	1/27	10	
TN838	04-152	1/30	10	
TN838	04-160	1/33	10	
TN838	04-168	1/36	10	
TN838	13-112	2/15	11	
TN838	13-120	2/18	11	
TN838	13-128	2/21	11	
TN838	13-136	2/24	11	
TN838	13-144	2/27	12	
TN838	13-152	2/30	12	
TN838	13-160	2/33	12	
TN838	13-168	2/36	12	
TN842	04-078	1/9	6	(Z)
TN842	13-078	2/9	6	(Z)
TN842B	04-078	1/9	6	(Y)
TN842B	13-078	2/9	6	(Y)
TN843	04-086	1/10	6	
TN843	13-086	2/10	6	
RSVD	04-016	1/2	34,37	
RSVD	04-024	1/3	34,37	
RSVD	04-032	1/4	35,38	
RSVD	04-046	1/5	8,9	
RSVD	04-054	1/6	8,9	
RSVD	04-062	1/7	8,9	

APPARATUS INDEX (CONT)

CODE	EQUIP LOC	FS/SYM	APP FIG.	OPTION
RSVD	04-070	1/8	8,9	
RSVD	04-112	1/15	19,22	
RSVD	04-120	1/18	19,22	
RSVD	04-128	1/21	19,22	
RSVD	04-136	1/24	19,22	
RSVD	04-144	1/27	19,22	
RSVD	04-152	1/30	19,22	
RSVD	04-160	1/33	19,22	
RSVD	04-168	1/36	19,22	
RSVD	13-016	2/2	34,37	
RSVD	13-024	2/3	34,37	
RSVD	13-032	2/4	36,39	
RSVD	13-046	2/5	8,9	
RSVD	13-054	2/6	8,9	
RSVD	13-062	2/7	8,9	
RSVD	13-070	2/8	8,9	
RSVD	13-112	2/15	20,23	
RSVD	13-120	2/18	20,23	
RSVD	13-128	2/21	20,23	
RSVD	13-136	2/24	20,23	
RSVD	13-144	2/27	21,24	
RSVD	13-152	2/30	21,24	
RSVD	13-160	2/33	21,24	
RSVD	13-168	2/36	21,24	
494GB	04-008	1/1	6	
494GB	13-008	2/1	6	

LINE UNIT, MODEL 2

DWG SIZE: B8

ISSUE: 4B

AT&T BELL LABORATORIES | SD-50052-02 | SHEET: A4

LEAD INDEX

SEE CAD 1

OPTION INDEX

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
Z	STD 2B		1/9,2/9
Y	STD 2B		1/9,2/9
X	STD 2B	307	1/2-4,2/2-4
W	STD 2B	307	1/2-4,2/2-4
V	STD 2B	307	1/2-4,2/2-4
U	STD 3AC	308	1/5-7,2/5-7

LINE UNIT, MODEL 2		
	DWG SIZE: 68	ISSUE: 4B
AT&T BELL LABORATORIES	SD-50052-02	SHEET: A5

PART OF FS 1 & 2

COMPOSITE DIAGRAM 1

CUSTOMER LINE CONCENTRATION HALF-GRIDS

TO DISTRIBUTING FRAME

(R,T)00(00-03,10-13,20-23,30-33,40-43,50-53,60-63,70-73) 64
(R,T)01(00-03,10-13,20-23,30-33,40-43,50-53,60-63,70-73) 64
(R,T)10(00-03,10-13,20-23,30-33,40-43,50-53,60-63,70-73) 64
(R,T)11(00-03,10-13,20-23,30-33,40-43,50-53,60-63,70-73) 64
(R,T)20(00-03,10-13,20-23,30-33,40-43,50-53,60-63,70-73) 64
(R,T)21(00-03,10-13,20-23,30-33,40-43,50-53,60-63,70-73) 64
(R,T)30(00-03,10-13,20-23,30-33,40-43,50-53,60-63,70-73) 64
(R,T)31(00-03,10-13,20-23,30-33,40-43,50-53,60-63,70-73) 64
(R,T)40(00-03,10-13,20-23,30-33,40-43,50-53,60-63,70-73) 64
(R,T)41(00-03,10-13,20-23,30-33,40-43,50-53,60-63,70-73) 64
(R,T)50(00-03,10-13,20-23,30-33,40-43,50-53,60-63,70-73) 64
(R,T)51(00-03,10-13,20-23,30-33,40-43,50-53,60-63,70-73) 64
(R,T)60(00-03,10-13,20-23,30-33,40-43,50-53,60-63,70-73) 64
(R,T)61(00-03,10-13,20-23,30-33,40-43,50-53,60-63,70-73) 64
(R,T)70(00-03,10-13,20-23,30-33,40-43,50-53,60-63,70-73) 64
(R,T)71(00-03,10-13,20-23,30-33,40-43,50-53,60-63,70-73) 64

FS 1 SYMBOL NO. 18 GDXHG0 04-112 (SEE NOTE 306) — (R,T)(0,2,4,6,9,11,13,15,17,19,21,23, 24,26,28,30,33,35,37,39,40,42, 44,46,48,50,52,54,57,59,61,63) 64
FS 1 SYMBOL NO. 21 GDXHG1 04-120 (SEE NOTE 306) — (R,T)(1,3,5,7,8,10,12,14,16,18,20,22, 25,27,29,31,32,34,36,38,41,43, 45,47,49,51,53,55,56,58,60,62) 64
FS 1 SYMBOL NO. 24 GDXHG2 04-128 (SEE NOTE 306) — (R,T)(0,1,4,5,6,10,11,14,15,16,17,20, 21,26,27,30,31,34,35,38,39,40, 41,44,45,51,54,55,56,57,61) 64
FS 1 SYMBOL NO. 27 GDXHG3 04-136 (SEE NOTE 306) — (R,T)(2,3,6,7,8,9,12,13,18,19,22,23, 24,25,28,29,32,33,36,37,42,43, 46,47,48,49,52,53,58,59,62,63) 64
FS 1 SYMBOL NO. 30 GDXHG4 04-144 (SEE NOTE 306) — (R,T)(0,7,9,11,12,14,16,18,21,23,25, 27,28,30,33,35,36,38,40,42,45, 47,49,51,52,54,56,58,61,63) 64
FS 1 SYMBOL NO. 33 GDXHG5 04-152 (SEE NOTE 306) — (R,T)(1,3,4,6,8,10,13,15,17,19,20,22, 24,26,29,31,32,34,37,39,41,43, 44,46,48,50,53,55,57,59,60,62) 64
FS 1 SYMBOL NO. 36 GDXHG6 04-160 (SEE NOTE 306) — (R,T)(0,3,5,6,9,10,12,15,16,19,21,22, 25,26,28,31,33,34,36,39,40,45, 45,46,49,50,52,55,56,59,61,62) 64
FS 1 SYMBOL NO. 39 GDXHG7 04-168 (SEE NOTE 306) — (R,T)(1,2,4,7,8,11,13,14,17,18,20,23, 24,27,29,30,32,35,37,38,41,42, 44,47,48,51,53,54,57,58,60,63) 64
FS 2 SYMBOL NO. 18 GDXHH8 13-112 (SEE NOTE 306) — (R,T)(0,2,4,6,9,11,13,15,16,18,20,22, 25,27,29,31,33,35,37,39,40,42, 44,46,49,51,53,55,56,58,60,62) 64
FS 2 SYMBOL NO. 21 GDXHH9 13-120 (SEE NOTE 306) — (R,T)(1,3,5,7,8,10,12,14,17,19,21,23, 24,26,28,30,32,34,36,38,41,43, 45,47,48,50,52,54,57,59,61,63) 64
FS 2 SYMBOL NO. 24 GDXHH10 13-128 (SEE NOTE 306) — (R,T)(0,1,4,5,10,11,14,15,18,19,22,25, 24,25,28,29,34,35,38,39,40,41, 44,45,48,49,52,53,58,59,62,63) 64
FS 2 SYMBOL NO. 27 GDXHH11 13-136 (SEE NOTE 306) — (R,T)(2,3,6,7,8,9,12,13,16,17,20,21, 26,27,30,31,32,33,36,37,42,43, 46,47,50,51,54,55,56,57,60,61) 64
FS 2 SYMBOL NO. 30 GDXHH12 13-144 (SEE NOTE 306) — (R,T)(0,2,5,7,8,10,13,15,17,19,20,22, 25,27,28,30,33,35,36,38,41,43, 44,46,48,50,53,55,56,58,61,63) 64
FS 2 SYMBOL NO. 33 GDXHH13 13-152 (SEE NOTE 306) — (R,T)(1,3,4,6,9,11,12,14,16,18,21,23, 24,26,29,31,32,34,37,39,40,42, 45,47,49,51,52,54,57,59,60,62) 64
FS 2 SYMBOL NO. 36 GDXHH14 13-160 (SEE NOTE 306) — (R,T)(0,3,5,6,8,11,13,14,17,18,20,23, 25,26,28,31,33,34,36,39,41,42, 44,47,48,51,53,54,56,59,61,62) 64
FS 2 SYMBOL NO. 39 GDXHH15 13-168 (SEE NOTE 306) — (R,T)(1,2,4,7,8,10,12,15,16,19,21,22, 24,27,29,30,32,35,37,38,40,43, 45,46,49,50,52,55,57,58,60,63) 64

P/O BACKPLANE B:1 B-LINK RANDOM SLIP MULTIPLE (RSM)

(R,T)B(16-31) 30 → FS 1 SYMBOL NO. 14 GDDXAXL 04-096 TN831 64
(R,T)B(0-15) 30 → FS 1 SYMBOL NO. 15 GDDXAXP 04-104 TN832 64
(R,T)B(48-63) 30 → FS 2 SYMBOL NO. 14 1GDXAXL 13-096 TN831 64
(R,T)B(32-47) 30 → FS 2 SYMBOL NO. 15 1GDXAXP 13-104 TN832 64

FS 1 SYMBOL NO. 5 OCHANBA0 04-046 TN339C
- (RNG,TIP)(16,20,24,28)
- (RNG,TIP)(00,04,08,12)

FS 1 SYMBOL NO. 7 OCHANBA1 04-054 TN339C
- (RNG,TIP)(17,21,25,29)
- (RNG,TIP)(01,05,09,13)

FS 1 SYMBOL NO. 9 OCHANBA2 04-062 TN339C
- (RNG,TIP)(18,22,26,30)
- (RNG,TIP)(02,06,10,14)

FS 1 SYMBOL NO. 11 OCHANBA3 04-070 TN339C
- (RNG,TIP)(19,23,27,31)
- (RNG,TIP)(03,07,11,15)

FS 2 SYMBOL NO. 5 1CHANBA0 13-046 TN339C
- (RNG,TIP)(48,52,56,60)
- (RNG,TIP)(32,36,40,44)

FS 2 SYMBOL NO. 7 1CHANBA1 13-054 TN339C
- (RNG,TIP)(49,53,57,61)
- (RNG,TIP)(33,37,41,45)

FS 2 SYMBOL NO. 9 1CHANBA2 13-062 TN339C
- (RNG,TIP)(50,54,58,62)
- (RNG,TIP)(34,38,42,46)

FS 2 SYMBOL NO. 11 1CHANBA3 13-070 TN339C
- (RNG,TIP)(51,55,59,63)
- (RNG,TIP)(35,39,43,47)

FS 1 SYMBOL NO. 12 OC@MDATA 04-078 (Z) TN842 (Y) TN842B
- OCDSYNC0,04MCLK0 2
- OCHDA(I,@)0 2
- OTSA(0,4) 2
- OTS8(0-3)A 4
- OCDSYNC1,04MCLK1 2
- OCHDA(I,@)1 2
- OTSA(1,5) 2
- OTS8(0,3)B 4
- OCDSYNC2,04MCLK2 2
- OCHDA(I,@)2 2
- OTSA(2,6) 2
- OTS8(0-3)C 4
- OCDSYNC3,04MCLK3 2
- OCHDA(I,@)3 2
- OTSA(3,7) 2
- OTS8(0-3)D 4

FS 2 SYMBOL NO. 12 1C@MDATA 13-078 (Z) TN842 (Y) TN842B
- 1CDSYNC0,14MCLK0 2
- 1CHDA(I,@)0 2
- 1TSA(0,4) 2
- 1TS8(0-3)A 4
- 1CDSYNC1,14MCLK1 2
- 1CHDA(I,@)1 2
- 1TSA(1,5) 2
- 1TS8(0-3)B 4
- 1CDSYNC2,14MCLK2 2
- 1CHDA(I,@)2 2
- 1TSA(2,6) 2
- 1TS8(0-3)C 4
- 1CDSYNC3,14MCLK3 2
- 1CHDA(I,@)3 2
- 1TSA(3,7) 2
- 1TS8(0-3)D 4

- 04MCKI(0,1)(N,P) 4
- ODAIN(0,1)(N,P) 4
- ODA@T(0,1)(N,P) 4
- 08KSNC(0,1)(N,P) 4
- 14MCKI(0,1)(N,P) 4
- 1DAIN(0,1)(N,P) 4
- 1DA@T(0,1)(N,P) 4
- 1BKSNC(0,1)(N,P) 4

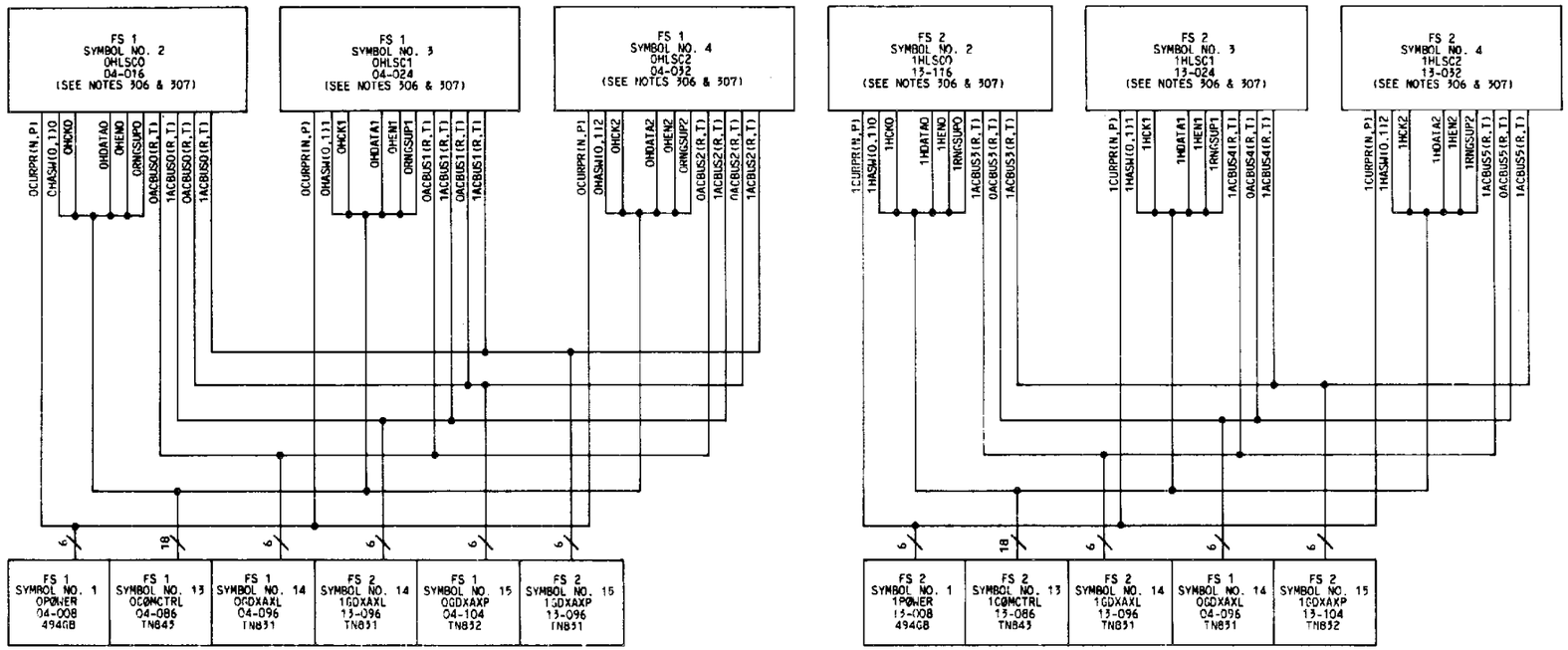
TO TIME SLOT INTERCHANGER UNIT

LINE UNIT. MODEL 2	DWG SIZE 88	ISSUE 4B
AT&T BELL LABORATORIES SD-5D052-02		SHEET B1AA

PART OF FS 1 & 2

COMPOSITE DIAGRAM 2

RINGING, COIN CONTROL, TESTING
SERVICE GROUP 0,1



LINE UNIT, MODEL 2

DWG SIZE	ISSUE
8S	4B

AT&T BELL LABORATORIES | SD-5D052-02 | SHEET B1AB

PART OF FS 1 & 2

COMPOSITE DIAGRAM 3

UNIT CONTROL
(LOWER SHELF)

FS 1 SYMBOL NO. 1 OPBWER 04-008 49468

FS 1 SYMBOL NO. 2 OHLSCO 04-016 (SEE NOTE 306 & 307)

FS 1 SYMBOL NO. 3 OHSLC1 04-024 (SEE NOTE 306 & 307)

FS 1 SYMBOL NO. 4 OHSLC2 04-032 (SEE NOTE 306 & 307)

FS 1 SYMBOL NO. 5 OCHAN8A0 04-046 TN335C

FS 1 SYMBOL NO. 7 OCHAN8A1 04-054 TN335C

FS 1 SYMBOL NO. 9 OCHAN8A2 04-062 TN335C

FS 1 SYMBOL NO. 11 OCHAN8A3 04-070 TN335C

FS 1 SYMBOL NO. 12 OC0MDATA 04-078 (Z) TN842 (Y) TN842B

FS 1 SYMBOL NO. 14 OGDXAXL 04-096 TN831

FS 1 SYMBOL NO. 15 OGDXAXP 04-104 TN832

FS 1 SYMBOL NO. 18 GDXHG0 04-112 (SEE NOTE 306)

FS 1 SYMBOL NO. 21 GDXHG1 04-120 (SEE NOTE 306)

FS 1 SYMBOL NO. 24 GDXHG2 04-128 (SEE NOTE 306)

OCURPR(N,P) 2

OHASW(0,110) 2
OHICK,DATA,EN10 3
ORNGSUP0

OHASW(0,111) 2
OHICK,DATA,EN11 3
ORNGSUP1

OHASW(0,112) 2
OHICK,DATA,EN12 3
ORNGSUP2

OCA(0,4) 2
OCASW00
OCB(0-3) 4
OCCK(0-3) 4
OCDSCLK
OC(DW,W2) 2
ODATA0

OCA(1,5) 2
OCASW11
ODATA1

OCA(2,6) 2
OCASW02
ODATA2

OCA(3,7) 2
OCASW13
ODATA3

OLPTST
OSYNC
OISC,TS18 2

OACIASH,CK,DATA,EN11 4

OACIASH,CK,DATA,EN10 4
OPRALM0

FS 1 SYMBOL NO. 13 OC0MCTRL 04-086 TN843

OIASH,E,PA1600 3
OICL,D,SL160

OIASH,E,PA1601 3
OICL,D,SL161

OIASH,E,PA1610 3
OICL,D,SL161

OIASH,E,PA1611 3
OICL,D,SL161

OIASH,E,PA1620 3
OICL,D,SL162

OIASH,E,PA1621 3
OICL,D,SL162

OIASH,E,PA1630 3
OICL,D,SL163

OIASH,E,PA1631 3
OICL,D,SL163

LAMLED

OIASH,E,PA1640 3
OICL,D,SL164

OIASH,E,PA1641 3
OICL,D,SL164

OIASH,E,PA1650 3
OICL,D,SL165

OIASH,E,PA1651 3
OICL,D,SL165

OIASH,E,PA1660 3
OICL,D,SL166

OIASH,E,PA1661 3
OICL,D,SL166

OIASH,E,PA1670 3
OICL,D,SL167

OIASH,E,PA1671 3
OICL,D,SL167

OCLK(0,1)(N,P) 4
OMSG(0,1)(N,P) 4
OWDNT(0,1)(N,P) 4
ORPLY(0,1)(N,P) 4
OSLCT(0,1)P 2

TO COMM CKT

FS 1 SYMBOL NO. 27 GDXHG3 04-136 (SEE NOTE 306)

FS 1 SYMBOL NO. 30 GDXHG4 04-144 (SEE NOTE 306)

FS 1 SYMBOL NO. 33 GDXHG5 04-152 (SEE NOTE 306)

FS 1 SYMBOL NO. 36 GDXHG6 04-160 (SEE NOTE 306)

FS 1 SYMBOL NO. 39 GDXHG7 04-168 (SEE NOTE 306)

FS 2 SYMBOL NO. 15 1GDXAXP 13-104 TN832

FS 2 SYMBOL NO. 18 GDXHG8 13-112 (SEE NOTE 306)

FS 2 SYMBOL NO. 21 GDXHG9 13-120 (SEE NOTE 306)

FS 2 SYMBOL NO. 24 GDXHG10 13-128 (SEE NOTE 306)

FS 2 SYMBOL NO. 27 GDXHG11 13-136 (SEE NOTE 306)

FS 2 SYMBOL NO. 30 GDXHG12 13-144 (SEE NOTE 306)

FS 2 SYMBOL NO. 33 GDXHG13 13-152 (SEE NOTE 306)

FS 2 SYMBOL NO. 36 GDXHG14 13-160 (SEE NOTE 306)

FS 2 SYMBOL NO. 39 GDXHG15 13-168 (SEE NOTE 306)

LINE UNIT, MODEL 2	DWG SIZE B	ISSUE 4B
AT&T BELL LABORATORIES	3D-5D052-02	SHEET 81AC

PART OF FS 1 & 2

COMPOSITE DIAGRAM 4

UNIT CONTROL
(UPPER SHELF)

FS 1 SYMBOL NO. 15 OGDXAXP 04-104 TN832
FS 1 SYMBOL NO. 18 GDXHG0 04-112 (SEE NOTE 306)
FS 1 SYMBOL NO. 21 GDXHG1 04-120 (SEE NOTE 306)
FS 1 SYMBOL NO. 24 GDXHG2 04-128 (SEE NOTE 306)
FS 1 SYMBOL NO. 27 GDXHG3 04-136 (SEE NOTE 306)
FS 1 SYMBOL NO. 30 GDXHG4 04-144 (SEE NOTE 306)
FS 1 SYMBOL NO. 33 GDXHG5 04-152 (SEE NOTE 306)
FS 1 SYMBOL NO. 36 GDXHG6 04-160 (SEE NOTE 306)
FS 1 SYMBOL NO. 39 GDXHG7 04-168 (SEE NOTE 306)
FS 2 SYMBOL NO. 1 1POWER 13-008 494GB
FS 2 SYMBOL NO. 2 1HLSC0 13-016 (SEE NOTE 306 & 307)
FS 2 SYMBOL NO. 3 1HLSC1 13-024 (SEE NOTE 306 & 307)
FS 2 SYMBOL NO. 4 1HLSC2 13-032 (SEE NOTE 306 & 307)
FS 2 SYMBOL NO. 5 1CHANBAO 13-046 TN339C

0WLED
1(ASN.E.PA)GO0
1(CL.D.SL)GO
1(ASN.E.PA)G01
1(ASN.E.PA)G10
1(CL.D.SL)G1
1(ASN.E.PA)G11
1(ASN.E.PA)G20
1(CL.D.SL)G2
1(ASN.E.PA)G21
1(ASN.E.PA)G30
1(CL.D.SL)G3
1(ASN.E.PA)G31
1CURPR(N,P)
1H(ASKO,CK,EN,DATA)0
1RNGSUP0
1H(CK,EN,DATA)1
1HASH(01,10,11)
1RNGSUP1
1H(CK,EN,DATA)2
1HASH(0,1)2
1RNGSUP2
1CA(0,4)
1CASH00
1CB(0-3)
1CCK(0-3)
1CDSCLK
1C(DN,H2)
1DATA0

FS 2 SYMBOL NO. 13 1COMCTRL 13-086 TN845

1CA(1,5)
1CASH11
1DATA1
1CA(2,6)
1CASH02
1DATA2
1CA(3,7)
1CASH13
1DATA3
1LPTST
1SYNC
1(SC,TS)B
1AC(ASH,CK,DATA,EN)1
1AC(ASH,CK,DATA,EN)0
1PRADIO
1(ASN.E.PA)G40
1(CL.D.SL)G4
1(ASN.E.PA)G41
1(CL.D.SL)G4
1(ASN.E.PA)G50
1(CL.D.SL)G5
1(ASN.E.PA)G51
1(CL.D.SL)G5
1(ASN.E.PA)G60
1(CL.D.SL)G6
1(ASN.E.PA)G61
1(CL.D.SL)G6
1(ASN.E.PA)G70
1(C,S)LG7
1(ASN.E.PA)G71
1(CL.D.SL)G7
1CLK(0,1)IN,P)
1MSG(0,1)IN,P)
1MDMT(0,1)IN,P)
1RPLY(0,1)IN,P)
1SLCT(0,1)P
TO CONN CKT

FS 2 SYMBOL NO. 7 1CHANBA1 13-054 TN339C
FS 2 SYMBOL NO. 9 1CHANBA2 13-062 TN339C
FS 2 SYMBOL NO. 11 1CHANBA3 13-070 TN339C
FS 2 SYMBOL NO. 12 1COMDATA 13-078 (Z) TN842 (Y) TN842B
FS 2 SYMBOL NO. 14 1GDXAXL 13-096 TN831
FS 2 SYMBOL NO. 15 1GDXAXP 13-104 TN832
FS 2 SYMBOL NO. 18 GDXHG8 13-112 (SEE NOTE 306)
FS 2 SYMBOL NO. 21 GDXHG9 13-120 (SEE NOTE 306)
FS 2 SYMBOL NO. 24 GDXHG10 13-128 (SEE NOTE 306)
FS 2 SYMBOL NO. 27 GDXHG11 13-136 (SEE NOTE 306)
FS 2 SYMBOL NO. 30 GDXHG12 13-144 (SEE NOTE 306)
FS 2 SYMBOL NO. 33 GDXHG13 13-152 (SEE NOTE 306)
FS 2 SYMBOL NO. 36 GDXHG14 13-160 (SEE NOTE 306)
FS 2 SYMBOL NO. 39 GDXHG15 13-168 (SEE NOTE 306)

LINE UNIT, MODEL 2

DWG SIZE: 6B
ISSUE: 4B

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PART OF FS 1 & 2

COMPOSITE DIAGRAM 5

POWER

FROM FUSE PANEL

-48V2A
+300V(08,09)
+300V(10,11)
-48V3A
-48V4A
+300V(12,13)
+300V(14,15)
-48V2A
-48V2
+300V(00,01)
+300V(02,03)
-48V3
-48V4
+300V(04,05)
+300V(06,07)
-48V5

FS 2 SYM. 18 GDXHG8 13-112 (SEE NOTE 306)
FS 2 SYM. 21 GDXHG9 13-120 (SEE NOTE 306)
FS 2 SYM. 24 GDXHG10 13-128 (SEE NOTE 306)
FS 2 SYM. 27 GDXHG11 13-136 (SEE NOTE 306)
FS 2 SYM. 30 GDXHG12 13-144 (SEE NOTE 306)
FS 2 SYM. 33 GDXHG13 13-152 (SEE NOTE 306)
FS 2 SYM. 36 GDXHG14 13-160 (SEE NOTE 306)
FS 2 SYM. 39 GDXHG15 13-168 (SEE NOTE 306)
FS 1 SYM. 18 GDXHG0 04-112 (SEE NOTE 306)
FS 1 SYM. 21 GDXHG1 04-120 (SEE NOTE 306)
FS 1 SYM. 24 GDXHG2 04-128 (SEE NOTE 306)
FS 1 SYM. 27 GDXHG3 04-136 (SEE NOTE 306)
FS 1 SYM. 30 GDXHG4 04-144 (SEE NOTE 306)
FS 1 SYM. 33 GDXHG5 04-152 (SEE NOTE 306)
FS 1 SYM. 36 GDXHG6 04-160 (SEE NOTE 306)
FS 1 SYM. 39 GDXHG7 04-168 (SEE NOTE 306)

FS 2 SYM. 15 1GDXAXP 13-104 TN832
FS 2 SYM. 14 1GDXAXL 13-096 TN831
FS 2 SYM. 13 1COMCTRL 13-086 TN843
FS 2 SYM. 12 1COMDATA 13-078 (Z) (Y) TN842 TN842B
FS 2 SYM. 11 1CHANBA3 13-070 TN335C
FS 2 SYM. 9 1CHANBA2 13-062 TN335C
FS 2 SYM. 7 1CHANBA1 13-054 TN335C
FS 2 SYM. 5 1CHANBAO 13-046 TN335C
FS 2 SYM. 4 1HLSC2 13-032 (SEE NOTE 306 & 307)
FS 2 SYM. 3 1HLSC1 13-024 (SEE NOTE 306 & 307)
FS 2 SYM. 2 1HLSCO 13-016 (SEE NOTE 306 & 307)

+5V13
F+5VA
-48V1A
+5PA
+300VR1
+297V1
+295V1
+260V1
+5V04
-5V13
-5V13
-48V0A
FS 2 SYM. 1 1POWER 13-008 494GB
-48V0A
TO FUSE PANEL

FS 1 SYM. 15 0GDXAXP 04-104 TN832
FS 1 SYM. 14 0GDXAXL 04-096 TN831
FS 1 SYM. 13 0COMCTRL 04-086 TN843
FS 1 SYM. 12 0COMDATA 04-078 (Z) (Y) TN842 TN842B
FS 1 SYM. 11 0CHANBA3 04-070 TN335C
FS 1 SYM. 9 0CHANBA2 04-062 TN335C
FS 1 SYM. 7 0CHANBA1 04-054 TN335C
FS 1 SYM. 5 0CHANBAO 04-046 TN335C
FS 1 SYM. 4 0HLSC2 04-032 (SEE NOTE 306 & 307)
FS 1 SYM. 3 0HLSC1 04-024 (SEE NOTE 306 & 307)
FS 1 SYM. 2 0HLSCO 04-016 (SEE NOTE 306 & 307)

+5V13
+260V0
+295V0
+297V0
+300VR0
+5P
-48V1
F+5V
+5V04
+5V04
-5V04
-48V0
FS 1 SYM. 1 0POWER 04-008 494GB
-48V0
TO FUSE PANEL

-48V0
-5V04

LINE UNIT, MODEL 2

DWG SIZE: 8S
ISSUE: 4B
SHEET: 81AE

AT&T BELL LABORATORIES | SD-50052-02

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 1

SERVICE GROUP POWER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OPOWER	04-008	494GB	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V04	PWR		018		1/1	
	PWR		044		1/1	
	PWR		045		1/1	
	PWR		046		1/1	
	PWR		047		1/1	
	PWR		048		1/1	
	PWR		049		1/1	
	PWR		050		1/1	
	PWR		051		1/1	
	PWR		052		1/1	
	PWR		053		1/1	
	PWR		054		1/1	
	PWR		055		1/1	
	PWR		056		1/1	
	PWR		144		1/1	
	PWR		145		1/1	
	PWR		146		1/1	
	PWR		147		1/1	
	PWR		148		1/1	
	PWR		149		1/1	
	PWR		150		1/1	
	PWR		151		1/1	
	PWR		152		1/1	
	PWR		153		1/1	
	PWR		154		1/1	
	PWR		155		1/1	
	PWR		156		1/1	
	PWR		118		1/2,1/3 1/4,1/5 1/7,1/9 1/11,1/12 1/13,1/15 1/21,1/24 1/27,1/30 1/33,1/36 1/39,2/1 2/18,2/21 2/24,2/27 2/30,2/33 2/36,2/39 1/18	
+5V13	PWR		015		1/21,1/24 1/27,1/30 1/33,1/36 1/39,2/1 2/2,2/3 2/4,2/5 2/7,2/9 2/11,2/12 2/13,2/15 2/18,2/21 2/24,2/27 2/30,2/33 2/36,2/39 1/18	
-48RTNDC	IO		115		2/13	
-48V0	PWR		006		1/1	
	PWR		007		1/1	
	PWR		008		1/1	
	PWR		106		1/1	
	PWR		107		1/1	
	PWR		108		1/1	
	PWR		113		1/2,1/3 1/4,1/41	
-5V04	PWR		022		1/1	
	PWR		122		1/1	

SYMBOL NO. 1 (CONT)

SERVICE GROUP POWER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OPOWER	04-008	494GB	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PWR		023		1/2,1/3 1/4,1/5 1/7,1/9 1/11	
FGRD	GRD		000		1/1	
	GRD		001		1/1	
	GRD		100		1/1	
	GRD		101		1/12,1/13	
GRD04	GRD		003			
	GRD		004			
	GRD		005			
	GRD		024			
	GRD		032			
	GRD		033			
	GRD		034			
	GRD		035			
	GRD		036			
	GRD		037			
	GRD		038			
	GRD		039			
	GRD		040			
	GRD		041			
	GRD		042			
	GRD		043			
	GRD		102			
	GRD		103			
	GRD		104			
	GRD		119			
	GRD		123			
	GRD		124			
	GRD		132			
	GRD		133			
	GRD		134			
	GRD		135			
	GRD		136			
	GRD		137			
	GRD		138			
	GRD		139			
	GRD		140			
	GRD		141			
	GRD		142			
	GRD		143			
RMTSRTC	IO		014		2/1	
OCURPRN	IO		117		1/2,1/3 1/4,1/5 1/7,1/9 1/11,1/12 1/13	
OCURPRP	IO		017		1/2,1/3 1/4,1/5 1/7,1/9 1/11,1/12 1/13	
ORSON	IO		109			
	IO		110			
064KHZ	IO		120		1/12	

SYMBOL NO. 2

SERVICE CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OHLSCO	04-016	SEE NOTE 306 & 307	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V04	PWR		034		1/1	
	PWR		035		1/1	
	PWR		134		1/1	
	PWR		135		1/1	
-48V0	PWR		000		1/1	
	PWR		001		1/1	
	PWR		002		1/1	
	PWR		100		1/1	
	PWR		101		1/1	
	PWR		102		1/1	
-5V04	PWR		032		1/1	
	PWR		132		1/1	
GRD04	GRD		014			
	GRD		015			
	GRD		016			
	GRD		019			
	GRD		114			
	GRD		115			
	GRD		116			
	GRD		119			
	GRD		200			
	GRD		201			
	GRD		219			
	GRD		224			
	GRD		232			
	GRD		234			
	GRD		235			
	GRD		300			
	GRD		301			
	GRD		319			
	GRD		324			
	GRD		332			
	GRD		334			
	GRD		335			
QACBUSOR	IO		348		1/14,1/15	
QACBUSOT	IO		248		1/14,1/15	
OCURPRN	IO		012		1/1	
OCURPRP	IO		112		1/1	
OHASH00	IO		323		1/13	
OHASH10	IO		223		1/13	
OHCK0	IO		320		1/13	
OHDATA0	IO		321		1/13	
OHDATA00	IO		318			
	IO		322			
OHDEK0	IO		311			
	IO		313			
OHDW0	IO		215			
	IO		216			
OHEN0	IO		220		1/13	
OHEN00	IO		315			
	IO		316			
OHR0	IO		312			
	IO		314			
OHW0	IO		213			
	IO		214			
ORNCSUP0	IO		317		1/13	
ORNG0	IO		245			
	IO		246			P/OTIP0
	IO		250			P/OTIP0
OTIP0	IO		345			

SYMBOL NO. 2 (CONT)

SERVICE CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OHLSCO	04-016	SEE NOTE 306 & 307	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	IO		346			P/ORNG0
	IO		350			P/ORNG0
1ACBUS0R	IO		347		2/14,2/15	
1ACBUS0T	IO		247		2/14,2/15	

PART OF FS 1

SYMBOL(S) 1 2

LINE UNIT, MODEL 2

DWG SIZE C2

ISSUE 4B

AT&T BELL LABORATORIES

SD-5D052-02

B1CA

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 3

SERVICE CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0HLSC1	04-024	SEE NOTE 306 & 307	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V04	PWR		034		1/1	
	PWR		035		1/1	
	PWR		134		1/1	
	PWR		135		1/1	
-48V0	PWR		000		1/1	
	PWR		001		1/1	
	PWR		002		1/1	
	PWR		100		1/1	
	PWR		101		1/1	
	PWR		102		1/1	
-5V04	PWR		032		1/1	
	PWR		132		1/1	
GRD04	GRD		014			
	GRD		015			
	GRD		016			
	GRD		019			
	GRD		114			
	GRD		115			
	GRD		116			
	GRD		119			
	GRD		200			
	GRD		201			
	GRD		219			
	GRD		224			
	GRD		232			
	GRD		234			
	GRD		235			
	GRD		300			
	GRD		301			
	GRD		319			
	GRD		324			
	GRD		332			
	GRD		334			
	GRD		335			
0ACBUS1R	IO		348		1/14,1/15	
0ACBUS1T	IO		248		1/14,1/15	
0CURPRN	IO		012		1/1	
0CURPRP	IO		112		1/1	
0HASW01	IO		323		1/13	
0HASW11	IO		223		1/13	
0HCK1	IO		320		1/13	
0HDATA1	IO		321		1/13	
0HDATA10	IO		318			
	IO		322			
0HDCK1	IO		311			
	IO		313			
0HDW1	IO		215			
	IO		216			
0HEN1	IO		220		1/13	
0HEN10	IO		315			
	IO		316			
0HR1	IO		312			
	IO		314			
0HW1	IO		213			
	IO		214			
0RNGSUP1	IO		317		1/13	
0RNG1	IO		245			P/0TIP1
	IO		246			P/0TIP1
	IO		250			
0TIP1	IO		345			P/0RNG1

SYMBOL NO. 3 (CONT)

SERVICE CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0HLSC1	04-024	SEE NOTE 306 & 307	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	IO		346			P/0RNG1
	IO		350			
1ACBUS1R	IO		347		2/14,2/15	
1ACBUS1T	IO		247		2/14,2/15	

SYMBOL NO. 4

SERVICE CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0HLSC2	04-032	SEE NOTE 306 & 307	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V04	PWR		034		1/1	
	PWR		035		1/1	
	PWR		134		1/1	
	PWR		135		1/1	
-48V0	PWR		000		1/1	
	PWR		001		1/1	
	PWR		002		1/1	
	PWR		100		1/1	
	PWR		101		1/1	
	PWR		102		1/1	
-5V04	PWR		032		1/1	
	PWR		132		1/1	
GRD04	GRD		014			
	GRD		015			
	GRD		016			
	GRD		019			
	GRD		114			
	GRD		115			
	GRD		116			
	GRD		119			
	GRD		200			
	GRD		201			
	GRD		219			
	GRD		224			
	GRD		232			
	GRD		234			
	GRD		235			
	GRD		300			
	GRD		301			
	GRD		319			
	GRD		324			
	GRD		332			
	GRD		334			
	GRD		335			
0ACBUS2R	IO		348		1/14,1/15	
0ACBUS2T	IO		248		1/14,1/15	
0CURPRN	IO		012		1/1	
0CURPRP	IO		112		1/1	
0HASW02	IO		323		1/13	
0HASW12	IO		223		1/13	
0HCK2	IO		320		1/13	
0HDATA2	IO		321		1/13	

SYMBOL NO. 4 (CONT)

SERVICE CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0HLSC2	04-032	SEE NOTE 306 & 307	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0HDATA20	IO		318			
	IO		322			
0HDCK2	IO		311			
	IO		313			
0HDW2	IO		215			
	IO		216			
0HEN2	IO		220		1/13	
0HEN20	IO		315			
	IO		316			
0HR2	IO		312			
	IO		314			
0HW2	IO		213			
	IO		214			
0RNGSUP2	IO		317		1/13	
0RNG2	IO		245			
	IO		246			P/0TIP2
	IO		250			P/0TIP2
0TIP2	IO		345			
	IO		346			P/0RNG2
	IO		350			P/0RNG2
1ACBUS2R	IO		347		2/14,2/15	
1ACBUS2T	IO		247		2/14,2/15	

SYMBOL NO. 5

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0CHAN8A0	04-046	TN335C	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V04	PWR		032		1/1	
	PWR		034		1/1	
	PWR		035		1/1	
	PWR		132		1/1	
	PWR		134		1/1	
	PWR		135		1/1	
-48V1	PWR		001		1/5	
	PWR		004		1/5	
	PWR		100		1/5	
	PWR		101		1/5	
	PWR		104		1/5	
	PWR		204		1/5	
	PWR		304		1/5	
	PWR		000		1/7,1/9 1/11,1/12 1/14,1/15 1/43	
-5V04	PWR		024		1/1	
	PWR		124		1/1	
GRD04	GRD		133			
	GRD		136			
	GRD		200			
	GRD		201			
	GRD		224			

SYMBOL NO. 5 (CONT)

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0CHAN8A0	04-046	TN335C	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD		232			
	GRD		233			
	GRD		234			
	GRD		235			
	GRD		300			
	GRD		301			
	GRD		324			
	GRD		332			
	GRD		333			
	GRD		334			
	GRD		335			
RNG00	IO		256		1/15	P/TIP00
RNG04	IO		056		1/15	P/TIP04
RNG08	IO		255		1/15	P/TIP08
RNG12	IO		055		1/15	P/TIP12
RNG16	IO		202		1/14	
RNG20	IO		002		1/14	
RNG24	IO		203		1/14	P/TIP24
RNG28	IO		003		1/14	
TIP00	IO		356		1/15	P/RNG00
TIP04	IO		156		1/15	P/RNG04
TIP08	IO		355		1/15	P/RNG08
TIP12	IO		155		1/15	P/RNG12
TIP16	IO		302		1/14	
TIP20	IO		102		1/14	
TIP24	IO		303		1/14	P/RNG24
TIP28	IO		103		1/14	
0CASW00	IO		118		1/5	
	IO		019		1/13	
0CASW10	IO		020			
	IO		041			
0CA0	IO		341		1/5	
	IO		315		1/13	
0CA4	IO		241		1/5	
	IO		216		1/13	
0CB0	IO		242		1/7,1/9 1/11,1/13	
0CB1	IO		342		1/7,1/9 1/11,1/13	
0CB2	IO		316		1/7,1/9 1/11,1/13	
0CB3	IO		217		1/7,1/9 1/11,1/13	
0CCK0	IO		122		1/7,1/9 1/11,1/13	
0CCK1	IO		121		1/7,1/9 1/11,1/13	
0CCK2	IO		120		1/7,1/9 1/11,1/13	
0CCK3	IO		119		1/7,1/9 1/11,1/13	
0CDSCLK	IO		244		1/5	

PART OF FS 1

SYMBOL(S) 3 4 5

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D052-02	B1CB

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 5 (CONT)

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0CHAN8A0	04-046	TN335C	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	IO		318		1/7,1/9 1/11,1/13	
0CDSYNC0	IO		123		1/5	
	IO		238		1/12	
0CDW	IO		317		1/5	
	IO		243		1/7,1/9 1/11,1/13	
0CHDA10	IO		339		1/5	
	IO		320		1/12	
0CHDA00	IO		036		1/5	
	IO		220		1/12	
0CURPRN	IO		012		1/1	
0CURPRP	IO		112		1/1	
0CW2	IO		218		1/5	
	IO		343		1/7,1/9 1/11,1/13	
0DATA0	IO		018		1/13	
0TSA0	IO		139		1/5	
	IO		222		1/12	
0TSA4	IO		236		1/5	
	IO		321		1/12	
0TSB0A	IO		221		1/5	
	IO		336		1/12	
0TSB1A	IO		239		1/12	
0TSB2A	IO		322		1/5	
	IO		338		1/12	
0TSB3A	IO		223		1/12	
04MCK0	IO		337		1/5	
	IO		323		1/12	

SYMBOL NO. 6

982KL CONNECTOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
CONN	04-046A	982KL	A	(U)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE

NOTE(S):

1. SEE NOTE 308 FOR APPARATUS MOUNTING AND CONNECTOR PLACEMENT.

SYMBOL NO. 7

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0CHAN8A1	04-054	TN335C	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V04	PWR		032		1/1	
	PWR		034		1/1	
	PWR		035		1/1	
	PWR		132		1/1	
	PWR		134		1/1	
	PWR		135		1/1	
-48V1	PWR		000		1/5	
	PWR		001		1/5	
	PWR		004		1/5	
	PWR		100		1/5	
	PWR		101		1/5	
	PWR		104		1/5	
	PWR		204		1/5	
	PWR		304		1/5	
-5V04	PWR		024		1/1	
	PWR		124		1/1	
GRD04	GRD		136			
	GRD		200			
	GRD		201			
	GRD		224			
	GRD		232			
	GRD		233			
	GRD		234			
	GRD		235			
	GRD		300			
	GRD		301			
	GRD		324			
	GRD		332			
	GRD		333			
	GRD		334			
	GRD		335			
RNG01	IO		256	1/15	P/TIP01	
RNG05	IO		056	1/15	P/TIP05	
RNG09	IO		255	1/15	P/TIP09	
RNG13	IO		055	1/15	P/TIP13	
RNG17	IO		202	1/14		
RNG21	IO		002	1/14		
RNG25	IO		203	1/14	P/TIP25	
RNG29	IO		003	1/14	P/TIP29	
TIP01	IO		356	1/15	P/RNG01	
TIP05	IO		156	1/15	P/RNG05	
TIP09	IO		355	1/15	P/RNG09	
TIP13	IO		155	1/15	P/RNG13	
TIP17	IO		302	1/14		
TIP21	IO		102	1/14		
TIP25	IO		303	1/14	P/RNG25	
TIP29	IO		103	1/14	P/RNG29	
0CASW01	IO		019			
	IO		118			
0CASW11	IO		020	1/7		
	IO		041	1/13		
0CA1	IO		315	1/7		
	IO		341	1/13		
0CA5	IO		216	1/7		
	IO		241	1/13		
0CB0	IO		242	1/5		
0CB1	IO		342	1/5		
0CB2	IO		316	1/5		
0CB3	IO		217	1/5		
0CCK0	IO		122	1/5		

SYMBOL NO. 7 (CONT)

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0CHAN8A1	04-054	TN335C	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0CCK1	IO		121		1/5	
0CCK2	IO		120		1/5	
0CCK3	IO		119		1/5	
0CDSCLK	IO		244		1/5	
	IO		318		1/5	
0CDSYNC1	IO		238		1/7	
	IO		123		1/12	
0CDW	IO		243		1/5	
	IO		317		1/5	
0CHDA11	IO		339		1/7	
	IO		320		1/12	
0CHDA01	IO		220		1/7	
	IO		036		1/12	
0CURPRN	IO		012		1/1	
0CURPRP	IO		112		1/1	
0CW2	IO		218		1/5	
	IO		343		1/5	
0DATA1	IO		018		1/13	
0TSA1	IO		222		1/7	
	IO		139		1/12	
0TSA5	IO		321		1/7	
	IO		236		1/12	
0TSB0B	IO		221		1/7	
	IO		336		1/12	
0TSB1B	IO		239		1/12	
0TSB2B	IO		338		1/7	
	IO		322		1/12	
0TSB3B	IO		223		1/12	
04MCK1	IO		323		1/7	
	IO		337		1/12	

SYMBOL NO. 8

982KL CONNECTOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
CONN	04-054A	982KL	A	(U)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE

NOTE(S):

1. SEE NOTE 308 FOR APPARATUS MOUNTING AND CONNECTOR PLACEMENT.

PART OF FS 1

SYMBOL(S) 5 6 7 8

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 3AC
AT&T BELL LABORATORIES	SD-5D052-02	B1CC

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 9

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0CHAN8A2	04-062	TN335C	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V04	PWR		032		1/1	
	PWR		034		1/1	
	PWR		035		1/1	
	PWR		132		1/1	
	PWR		134		1/1	
	PWR		135		1/1	
-48V1	PWR		000		1/5	
	PWR		001		1/5	
	PWR		004		1/5	
	PWR		100		1/5	
	PWR		101		1/5	
	PWR		104		1/5	
	PWR		204		1/5	
	PWR		304		1/5	
-5V04	PWR		024		1/1	
GRD04	PWR		124		1/1	
	GRD		133			
	GRD		136			
	GRD		200			
	GRD		201			
	GRD		224			
	GRD		232			
	GRD		234			
	GRD		235			
	GRD		300			
	GRD		301			
	GRD		324			
	GRD		332			
	GRD		333			
	GRD		334			
	GRD		335			
RNG02	10		256	1/15	P/TIP02	
RNG06	10		056	1/15	P/TIP06	
RNG10	10		255	1/15	P/TIP10	
RNG14	10		055	1/15	P/TIP14	
RNG18	10		202	1/14		
RNG22	10		002	1/14		
RNG26	10		203	1/14	P/TIP26	
RNG30	10		003	1/14	P/TIP30	
TIP02	10		356	1/15	P/RNG02	
TIP06	10		156	1/15	P/RNG06	
TIP10	10		355	1/15	P/RNG10	
TIP14	10		155	1/15	P/RNG14	
TIP18	10		302	1/14		
TIP22	10		102	1/14		
TIP26	10		303	1/14	P/RNG26	
TIP30	10		103	1/14	P/RNG30	
0CASW02	10		118	1/9		
	10		019	1/13		
0CASW12	10		020			
	10		041			
0CA2	10		341	1/9		
	10		315	1/13		
0CA6	10		241	1/9		
	10		216	1/13		
0CB0	10		242	1/5		
0CB1	10		342	1/5		
0CB2	10		316	1/5		
0CB3	10		217	1/5		
0CCK0	10		122	1/5		

SYMBOL NO. 9 (CONT)

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0CHAN8A2	04-062	TN335C	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0CCK1	10		121		1/5	
0CCK2	10		120		1/5	
0CCK3	10		119		1/5	
0CDSCLK	10		244		1/5	
	10		318		1/5	
0CDSYNC2	10		123		1/9	
	10		238		1/12	
0CDW	10		243		1/5	
	10		317		1/5	
0CHDAI2	10		320		1/9	
	10		339		1/12	
0CHDAO2	10		220		1/9	
	10		036		1/12	
0CURPRN	10		012		1/1	
0CURPRP	10		112		1/1	
0CW2	10		218		1/5	
	10		343		1/5	
0DATA2	10		018		1/13	
0TSA2	10		139		1/9	
	10		222		1/12	
0TSA6	10		321		1/9	
	10		236		1/12	
0TSB0C	10		221		1/9	
	10		336		1/12	
0TSB1C	10		239		1/12	
0TSB2C	10		322		1/9	
	10		338		1/12	
0TSB3C	10		223		1/12	
04MCK2	10		337		1/9	
	10		323		1/12	

SYMBOL NO. 10

982KL CONNECTOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
CONN	04-062A	982KL	A	(U)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE

NOTE(S):

1. SEE NOTE 308 FOR APPARATUS MOUNTING AND CONNECTOR PLACEMENT.

SYMBOL NO. 11

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0CHAN8A3	04-070	TN335C	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V04	PWR		032		1/1	
	PWR		034		1/1	
	PWR		035		1/1	
	PWR		132		1/1	
	PWR		134		1/1	
	PWR		135		1/1	
-48V1	PWR		000		1/5	
	PWR		001		1/5	
	PWR		004		1/5	
	PWR		100		1/5	
	PWR		101		1/5	
	PWR		104		1/5	
	PWR		204		1/5	
	PWR		304		1/5	
-5V04	PWR		024		1/1	
GRD04	PWR		124		1/1	
	GRD		136			
	GRD		200			
	GRD		201			
	GRD		224			
	GRD		232			
	GRD		234			
	GRD		235			
	GRD		300			
	GRD		301			
	GRD		324			
	GRD		332			
	GRD		333			
	GRD		334			
	GRD		335			
RNG03	10		256	1/15	P/TIP03	
RNG07	10		056	1/15	P/TIP07	
RNG11	10		255	1/15	P/TIP11	
RNG15	10		055	1/15	P/TIP15	
RNG19	10		202	1/14	P/TIP19	
RNG23	10		002	1/14	P/TIP23	
RNG27	10		203	1/14	P/TIP27	
RNG31	10		003	1/14	P/TIP31	
TIP03	10		356	1/15	P/RNG03	
TIP07	10		156	1/15	P/RNG07	
TIP11	10		355	1/15	P/RNG11	
TIP15	10		155	1/15	P/RNG15	
TIP19	10		302	1/14	P/RNG19	
TIP23	10		102	1/14	P/RNG23	
TIP27	10		303	1/14	P/RNG27	
TIP31	10		103	1/14	P/RNG31	
0CASW03	10		019			
	10		118			
0CASW13	10		020	1/11		
	10		041	1/13		
0CA3	10		315	1/13		
	10		341	1/11		
0CA7	10		216	1/11		
	10		241	1/13		
0CB0	10		242	1/5		
0CB1	10		342	1/5		
0CB2	10		316	1/5		
0CB3	10		217	1/5		
0CCK0	10		122	1/5		
0CCK1	10		121	1/5		

SYMBOL NO. 11 (CONT)

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0CHAN8A3	04-070	TN335C	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0CCK2	10		120		1/5	
0CCK3	10		119		1/5	
0CDSCLK	10		244		1/5	
	10		318		1/5	
0CDSYNC3	10		123		1/12	
	10		238		1/11	
0CDW	10		243		1/5	
	10		317		1/5	
0CHDAI3	10		320		1/11	
	10		339		1/12	
0CHDAO3	10		036		1/12	
	10		220		1/11	
0CURPRN	10		012		1/1	
0CURPRP	10		112		1/1	
0CW2	10		218		1/5	
	10		343		1/5	
0DATA3	10		018		1/13	
0TSA3	10		139		1/12	
	10		222		1/11	
0TSA7	10		236		1/12	
	10		321		1/11	
0TSB0D	10		221		1/12	
	10		336		1/11	
0TSB1D	10		239		1/12	
0TSB2D	10		322		1/11	
	10		338		1/12	
0TSB3D	10		223		1/12	
04MCK3	10		323		1/11	
	10		337		1/12	

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SYMBOL(S) 9 10 11

LINE UNIT, MODEL 2	DWG SIZE D2	ISSUE 3AC
AT&T BELL LABORATORIES	SD-5D052-02	B1CD

PRINTED IN U. S. A.
12/18/84

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 12

COMMON DATA

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0COMDATA	04-078	TN842	A	(Z)
0COMDATA	04-078	TN842B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V04	PWR		018		1/1	
	PWR		050		1/1	
	PWR		118		1/1	
	PWR		150		1/1	
	PWR		218		1/1	
	PWR		250		1/1	
	PWR		318		1/1	
	PWR		350		1/1	
-48V1	PWR		000		1/5	
	PWR		100		1/5	
	PWR		201		1/5	
F+5V	PWR		343		1/12	
	PWR		344		1/13	
	PWR		345		1/12	
	PWR		346		1/12	
	PWR		347		1/12	
FGRD	GRD		037		1/1	
	GRD		042		1/1	
	GRD		137		1/1	
	GRD		142		1/1	
	GRD		233		1/1	
	GRD		234		1/1	
	GRD		235		1/1	
	GRD		236		1/1	
	GRD		237		1/1	
	GRD		333		1/1	
	GRD		334		1/1	
	GRD		335		1/1	
	GRD		336		1/1	
	GRD		337		1/1	
GRD04	GRD		002			
	GRD		024			
	GRD		056			
	GRD		102			
	GRD		124			
	GRD		156			
	GRD		200			
	GRD		202			
	GRD		224			
	GRD		256			
	GRD		300			
	GRD		302			
	GRD		324			
	GRD		356			
0CDSYNC0	IO		115		1/5	
0CDSYNC1	IO		015		1/7	
0CDSYNC2	IO		114		1/9	
0CDSYNC3	IO		014		1/11	
0CHDAI0	IO		021		1/5	
0CHDAI1	IO		121		1/7	
0CHDAI2	IO		221		1/9	
0CHDAI3	IO		321		1/11	
0CHDAO0	IO		022		1/5	
0CHDAO1	IO		122		1/7	
0CHDAO2	IO		222		1/9	
0CHDAO3	IO		322		1/11	
0CURPRN	IO		012		1/1	
0CURPRP	IO		112		1/1	
0DAINON	IO		133		TO CAD 1 - BM	
0DAINOP	IO		033		TO CAD 1 - BM	

SYMBOL NO. 12 (CONT)

COMMON DATA

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0COMDATA	04-078	TN842	A	(Z)
0COMDATA	04-078	TN842B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0DAIN1N	IO		138		TO CAD 1 - BN	
0DAIN1P	IO		038		TO CAD 1 - BN	
0DAOTON	IO		134		TO CAD 1 - BM	
0DAOTOP	IO		034		TO CAD 1 - BM	
0DAOT1N	IO		139		TO CAD 1 - BN	
0DAOT1P	IO		039		TO CAD 1 - BN	
0LPTST	IO		319		1/13	
0SCR	IO		120		1/13	
0SYNC	IO		020		1/13	
0TSA0	IO		308		1/5	
0TSA1	IO		210		1/7	
0TSA2	IO		310		1/9	
0TSA3	IO		209		1/11	
0TSA4	IO		309		1/5	
0TSA5	IO		211		1/7	
0TSA6	IO		311		1/9	
0TSA7	IO		208		1/11	
0TSB	IO		220		1/13	
0TSB0A	IO		212		1/5	
0TSB0B	IO		312		1/7	
0TSB0C	IO		213		1/9	
0TSB0D	IO		206		1/11	
0TSB1A	IO		306		1/5	
0TSB1B	IO		207		1/7	
0TSB1C	IO		307		1/9	
0TSB1D	IO		313		1/11	
0TSB2A	IO		214		1/5	
0TSB2B	IO		314		1/7	
0TSB2C	IO		204		1/9	
0TSB2D	IO		304		1/11	
0TSB3A	IO		205		1/5	
0TSB3B	IO		305		1/7	
0TSB3C	IO		215		1/9	
0TSB3D	IO		315		1/11	
0Z56KHZ0	IO		054		1/18,1/21	
0Z56KHZ1	IO		055		1/24,1/27	
0Z56KHZ2	IO		154		1/30,1/33	
0Z56KHZ3	IO		155		1/36,1/39	
0Z56KHZ4	IO		254		2/18,2/21	
0Z56KHZ5	IO		255		2/24,2/27	
0Z56KHZ6	IO		354		2/30,2/33	
0Z56KHZ7	IO		355		2/36,2/39	
04MCK1ON	IO		136		TO CAD 1 - BM	
04MCK1OP	IO		036		TO CAD 1 - BM	
04MCK1IN	IO		141		TO CAD 1 - BN	
04MCK1IP	IO		041		TO CAD 1 - BN	
04MCK0	IO		023		1/5	
04MCK1	IO		123		1/7	
04MCK2	IO		223		1/9	
04MCK3	IO		323		1/11	
064KHZ	IO		219		1/1	
08KSNCON	IO		135		TO CAD 1 - BM	
08KSNCOP	IO		035		TO CAD 1 - BM	
08KSNC1N	IO		140		TO CAD 1 - BN	
08KSNC1P	IO		040		TO CAD 1 - BN	

SYMBOL NO. 13

COMMON CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0COMCTRL	04-086	TN843	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V04	PWR		038		1/1	
	PWR		056		1/1	
	PWR		138		1/1	
	PWR		156		1/1	
	PWR		406		1/1	
	PWR		407		1/1	
	PWR		423		1/1	
	PWR		424		1/1	
	PWR		434		1/1	
	PWR		435		1/1	
	PWR		455		1/1	
	PWR		456		1/1	
	PWR		506		1/1	
	PWR		507		1/1	
	PWR		523		1/1	
	PWR		524		1/1	
	PWR		534		1/1	
	PWR		535		1/1	
	PWR		555		1/1	
	PWR		556		1/1	
-48RTN1C	IO		256		2/1	
F+5V	PWR		032		1/12	
	PWR		132		1/12	
FGRD	GRD		232		1/1	
	GRD		332		1/1	
GRD04	GRD		024			
	GRD		034		TO CAD 1 - BL	
	GRD		124			
	GRD		234		TO CAD 1 - BK	
	GRD		300			
	GRD		301			
	GRD		400			
	GRD		401			
	GRD		404			
	GRD		405			
	GRD		421			
	GRD		422			
	GRD		432			
	GRD		433			
	GRD		453			
	GRD		454			
	GRD		500			
	GRD		501			
	GRD		504			
	GRD		505			
	GRD		521			
	GRD		522			
	GRD		532			
	GRD		533			
	GRD		553			
	GRD		554			
0ACASW0	IO		052		1/15	
0ACASW1	IO		047		1/14	
0ACCK0	IO		008		1/15	
0ACCK1	IO		307		1/14	
0ACDATA0	IO		202		1/15	
0ACDATA1	IO		102		1/14	
0ACEN0	IO		040		1/15	
0ACEN1	IO		339		1/14	
0ASWG00	IO		355		1/18	

SYMBOL NO. 13 (CONT)

COMMON CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0COMCTRL	04-086	TN843	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0ASWG01	IO		350		1/21	
0ASWG10	IO		255		1/24	
0ASWG11	IO		250		1/27	
0ASWG20	IO		155		1/30	
0ASWG21	IO		150		1/33	
0ASWG30	IO		055		1/36	
0ASWG31	IO		050		1/39	
0ASWG40	IO		354		2/18	
0ASWG41	IO		349		2/21	
0ASWG50	IO		254		2/24	
0ASWG51	IO		249		2/27	
0ASWG60	IO		154		2/30	
0ASWG61	IO		149		2/33	
0ASWG70	IO		054		2/36	
0ASWG71	IO		049		2/39	
0CASW00	IO		353		1/5	
0CASW02	IO		153		1/9	
0CASW11	IO		248		1/7	
0CASW13	IO		048		1/11	
0CA0	IO		116		1/5	
0CA1	IO		016		1/7	
0CA2	IO		315		1/9	
0CA3	IO		215		1/11	
0CA4	IO		115		1/5	
0CA5	IO		015		1/7	
0CA6	IO		314		1/9	
0CA7	IO		214		1/11	
0CB0	IO		341		1/5	
0CB1	IO		241		1/5	
0CB2	IO		141		1/5	
0CB3	IO		041		1/5	
0CCK0	IO		309		1/5	
0CCK1	IO		209		1/5	
0CCK2	IO		109		1/5	
0CCK3	IO		009		1/5	
0CDSCLK	IO		316		1/5	
0CDW	IO		216		1/5	
0CLG0	IO		311		1/18,1/21	
0CLG1	IO		211		1/24,1/27	
0CLG2	IO		111		1/30,1/33	
0CLG3	IO		011		1/36,1/39	
0CLG4	IO		310		2/18,2/21	
0CLG5	IO		210		2/24,2/27	
0CLG6	IO		110		2/30,2/33	
0CLG7	IO		010		2/36,2/39	
0CLKON	IO		035		TO CAD 1 - BL	
0CLKOP	IO		135		TO CAD 1 - BL	
0CLK1N	IO		235		TO CAD 1 - BK	
0CLK1P	IO		335		TO CAD 1 - BK	
0CURPRN	IO		012		1/1	

PART OF FS 1

SYMBOL(S) 12 13

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 2B
AT&T BELL LABORATORIES	SD-5D052-02	B1CE

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 13 (CONT)

COMMON CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OCOMCTRL	04-086	TN843	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
OCURPRP	IO		112		1/1	
OCW2	IO		017		1/5	
ODATA0	IO		104		1/5	
ODATA1	IO		004		1/7	
ODATA2	IO		303		1/9	
ODATA3	IO		203		1/11	
ODG0	IO		106		1/18,1/21	
ODG1	IO		006		1/24,1/27	
ODG2	IO		305		1/30,1/33	
ODG3	IO		205		1/36,1/39	
ODG4	IO		105		2/18,2/21	
ODG5	IO		005		2/24,2/27	
ODG6	IO		304		2/30,2/33	
ODG7	IO		204		2/36,2/39	
OEG00	IO		345		1/18	
OEG01	IO		245		1/21	
OEG10	IO		145		1/24	
OEG11	IO		045		1/27	
OEG20	IO		344		1/30	
OEG21	IO		244		1/33	
OEG30	IO		144		1/36	
OEG31	IO		044		1/39	
OEG40	IO		343		2/18	
OEG41	IO		243		2/21	
OEG50	IO		143		2/24	
OEG51	IO		043		2/27	
OEG60	IO		342		2/30	
OEG61	IO		242		2/33	
OEG70	IO		142		2/36	
OEG71	IO		042		2/39	
OHASW00	IO		352		1/2	
OHASW01	IO		252		1/3	
OHASW02	IO		152		1/4	
OHASW10	IO		347		1/2	
OHASW11	IO		247		1/3	
OHASW12	IO		147		1/4	
OHCK0	IO		308		1/2	
OHCK1	IO		208		1/3	
OHCK2	IO		108		1/4	
OHDATA0	IO		103		1/2	
OHDATA1	IO		003		1/3	
OHDATA2	IO		302		1/4	
OHEN0	IO		340		1/2	
OHEN1	IO		240		1/3	
OHENZ	IO		140		1/4	
OLPTST	IO		200		1/12	
OMSG0N	IO		036		TO CAD 1 - BL	
OMSG0P	IO		136		TO CAD 1 - BL	
OMSG1N	IO		236		TO CAD 1 - BK	
OMSG1P	IO		336		TO CAD 1 - BK	
ONINTON	IO		033		TO CAD 1 - BL	
ONINTOP	IO		133		TO CAD 1 - BL	
ONINT1N	IO		233		TO CAD 1 - BK	
ONINT1P	IO		333		TO CAD 1 - BK	
OPAG00	IO		323		1/18	
OPAG01	IO		223		1/21	
OPAG10	IO		123		1/24	
OPAG11	IO		023		1/27	

SYMBOL NO. 13 (CONT)

COMMON CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OCOMCTRL	04-086	TN843	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
OPAG20	IO		322		1/30	
OPAG21	IO		222		1/33	
OPAG30	IO		122		1/36	
OPAG31	IO		022		1/39	
OPAG40	IO		321		2/18	
OPAG41	IO		221		2/21	
OPAG50	IO		121		2/24	
OPAG51	IO		021		2/27	
OPAG60	IO		320		2/30	
OPAG61	IO		220		2/33	
OPAG70	IO		120		2/36	
OPAG71	IO		020		2/39	
OPRALM0	IO		019		1/15	
ORNGSUP0	IO		319		1/2	
ORNGSUP1	IO		219		1/3	
ORNGSUP2	IO		119		1/4	
ORPLYON	IO		027		TO CAD 1 - BL	
ORPLYOP	IO		137		TO CAD 1 - BL	
ORPLY1N	IO		237		TO CAD 1 - BK	
ORPLY1P	IO		337		TO CAD 1 - BK	
OSCB	IO		201		1/12	
OSLCTOP	IO		134		TO CAD 1 - BL	
OSLCT1P	IO		334		TO CAD 1 - BK	
OSLG0	IO		114		1/18,1/21	
OSLG1	IO		014		1/24,1/27	
OSLG2	IO		313		1/30,1/33	
OSLG3	IO		213		1/36,1/39	
OSLG4	IO		113		2/18,2/21	
OSLG5	IO		013		2/24,2/27	
OSLG6	IO		312		2/30,2/33	
OSLG7	IO		212		2/36,2/39	
OSYNC	IO		117		1/12	
OTSB	IO		324		1/12	
1ANLED	IO		356		2/15	

SYMBOL NO. 14

ACCESS LINEARIZATION

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OGDXAXL	04-096	TN831	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+260V0	PWR		306		1/15	
+295V0	PWR		207		1/14	
	PWR		307		1/15	
	IO		354		1/14	
+297VD	PWR		206		1/15	
+300VR0	PWR		007		1/14	305
	PWR		107		1/15	305
+5P	PWR		001		1/14	
	PWR		101		1/15	
-48V1	PWR		003		1/5	
	PWR		004		1/5	
GRD04	GRD		000			

SYMBOL NO. 14 (CONT)

ACCESS LINEARIZATION

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OGDXAXL	04-096	TN831	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD		005			
	GRD		006			
	GRD		033			
	GRD		034			
	GRD		100			
	GRD		105			
	GRD		106			
	GRD		133			
	GRD		134			
	GRD		200			
	GRD		203			
	GRD		204			
	GRD		300			
	GRD		301			
	GRD		302			
	GRD		303			
	GRD		304			
RB16	IO		235		1/21,1/24 1/30,1/36 2/18,2/27 2/33,2/39	
RB17	IO		234		1/18,1/24 1/33,1/39 2/21,2/27 2/30,2/36	P/TB17
RB18	IO		035		1/21,1/27 1/30,1/39 2/18,2/24 2/33,2/36	P/TB18
RB19	IO		236		1/18,1/27 1/33,1/36 2/21,2/24 2/30,2/39	
RB20	IO		036		1/21,1/24 1/33,1/39 2/18,2/27 2/30,2/36	P/TB20
RB21	IO		241		1/18,1/24 1/30,1/36 2/21,2/27 2/33,2/39	P/TB21
RB22	IO		242		1/21,1/27 1/33,1/36 2/18,2/24 2/30,2/39	P/TB22
RB23	IO		243		1/18,1/27 1/30,1/39 2/21,2/24 2/33,2/36	P/TB23
RB24	IO		214		1/18,1/27 1/33,1/39 2/21,2/24 2/33,2/39	P/TB24
RB25	IO		213		1/21,1/27 1/30,1/36 2/18,2/24 2/30,2/36	P/TB25
RB26	IO		014		1/18,1/24 1/33,1/36 2/21,2/27 2/33,2/36	P/TB26
RB27	IO		215		1/21,1/24 1/30,1/39 2/18,2/27 2/30,2/39	P/TB27
RB28	IO		015		1/18,1/27 1/30,1/36 2/21,2/24 2/30,2/36	P/TB28

SYMBOL NO. 14 (CONT)

ACCESS LINEARIZATION

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OGDXAXL	04-096	TN831	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RB29	IO		220		1/21,1/27 1/33,1/39 2/18,2/24 2/33,2/39	P/TB29
RB30	IO		221		1/18,1/24 1/30,1/39 2/21,2/27 2/30,2/39	P/TB30
RB31	IO		222		1/21,1/24 1/33,1/36 2/18,2/27 2/33,2/36	P/TB31
RHTSRT	IO		103		1/15,1/18 1/21,1/24 1/27,1/30 1/33,1/36 1/39,2/1 2/14,2/15 2/18,2/21 2/24,2/27 2/30,2/33 2/36,2/39	
RNG16	IO		038		1/5	P/TIP16
RNG17	IO		037		1/7	P/TIP17
RNG18	IO		238		1/9	P/TIP18
RNG19	IO		237		1/11	
RNG20	IO		239		1/5	P/TIP20
RNG21	IO		240		1/7	P/TIP21
RNG22	IO		039		1/9	P/TIP22
RNG23	IO		040		1/11	
RNG24	IO		017		1/5	
RNG25	IO		016		1/7	
RNG26	IO		217		1/9	
RNG27	IO		216		1/11	
RNG28	IO		218		1/5	P/T1P28
RNG29	IO		219		1/7	
RNG30	IO		018		1/9	
RNG31	IO		019		1/11	
TB16	IO		335		1/21,1/24 1/30,1/36 2/18,2/27 2/33,2/39	
TB17	IO		334		1/18,1/24 1/33,1/39 2/21,2/27 2/30,2/36	P/RB17
TB18	IO		135		1/21,1/27 1/30,1/39 2/18,2/24 2/33,2/36	P/RB18
TB19	IO		336		1/18,1/27 1/33,1/36 2/21,2/24 2/30,2/39	
TB20	IO		136		1/21,1/24 1/33,1/39 2/18,2/27 2/30,2/36	P/RB20

PART OF FS 1

SYMBOL(S) 13 14

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 2B
AT&T BELL LABORATORIES	SD-5D052-02	B1CF

PART OF FS 1

LINE CIRCUIT. LOWER SHELF

SYMBOL NO. 14 (CONT)

ACCESS LINEARIZATION

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0GDXAXL	04-096	TN831	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
TB21	IO		341		1/18,1/24 1/30,1/36 2/21,2/27 2/33,2/39	P/RB21
TB22	IO		342		1/21,1/27 1/33,1/36 2/18,2/24 2/30,2/39	P/RB22
TB23	IO		343		1/18,1/27 1/30,1/39 2/21,2/24 2/33,2/36	P/RB23
TB24	IO		314		1/18,1/27 1/33,1/39 2/21,2/24 2/33,2/39	P/RB24
TB25	IO		313		1/21,1/27 1/30,1/36 2/18,2/24 2/30,2/36	P/RB25
TB26	IO		114		1/18,1/24 1/33,1/36 2/21,2/27 2/33,2/36	P/RB26
TB27	IO		315		1/21,1/24 1/30,1/39 2/18,2/27 2/30,2/39	P/RB27
TB28	IO		115		1/18,1/27 1/30,1/36 2/21,2/24 2/30,2/36	P/RB28
TB29	IO		320		1/21,1/27 1/33,1/39 2/18,2/24 2/33,2/39	P/RB29
TB30	IO		321		1/18,1/24 1/30,1/39 2/21,2/27 2/30,2/39	P/RB30
TB31	IO		322		1/21,1/24 1/33,1/36 2/18,2/27 2/33,2/36	P/RB31
TIP16	IO		138		1/5	P/RNG16
TIP17	IO		137		1/7	P/RNG17
TIP18	IO		338		1/9	P/RNG18
TIP19	IO		337		1/11	
TIP20	IO		339		1/5	P/RNG20
TIP21	IO		340		1/7	P/RNG21
TIP22	IO		139		1/9	P/RNG22
TIP23	IO		140		1/11	
TIP24	IO		117		1/5	
TIP25	IO		116		1/7	
TIP26	IO		317		1/9	
TIP27	IO		316		1/11	
TIP28	IO		318		1/5	P/RNG28
TIP29	IO		319		1/7	
TIP30	IO		118		1/9	
TIP31	IO		119		1/11	
0ACASW1	IO		051		1/13	
0ACBUS0R	IO		310		1/2	P/0ACBUS0T
0ACBUS0T	IO		210		1/2	P/0ACBUS0R
0ACBUS1R	IO		209		1/3	P/0ACBUS1T
0ACBUS1T	IO		309		1/3	P/0ACBUS1R
0ACBUS2R	IO		010		1/4	P/0ACBUS2T
0ACBUS2T	IO		110		1/4	P/0ACBUS2R
0ACBUS3R	IO		109		1/15,2/2	P/0ACBUS3T

SYMBOL NO. 14 (CONT)

ACCESS LINEARIZATION

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0GDXAXL	04-096	TN831	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0ACBUS3T	IO		009		1/15,2/2	P/0ACBUS3R
0ACBUS4R	IO		146		1/15,2/3	P/0ACBUS4T
0ACBUS4T	IO		046		1/15,2/3	P/0ACBUS4R
0ACBUS5R	IO		346		1/15,2/4	P/0ACBUS5T
0ACBUS5T	IO		246		1/15,2/4	P/0ACBUS5R
0ACBUS6R	IO		232		1/15	
0ACBUS6T	IO		332		1/15	
0ACBUS7R	IO		032		1/15	
0ACBUS7T	IO		132		1/15	
0ACCK1	IO		353		1/13	
0ACDATA1	IO		352		1/13	
0ACEN1	IO		153		1/13	
0MTBR	IO		324		TO CAD 1 - A0	
0MTBT	IO		224		TO CAD 1 - A0	

SYMBOL NO. 15

ACCESS POWER & CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0GDXAXP	04-104	TN832	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+260V0	PWR		105		1/14	
+295V0	PWR		207		1/14	
	PWR		307		1/14	
	IO		354		1/14	
+297V0	PWR		206		1/14	305
+300VR0	PWR		007		1/14	305
	PWR		107		1/14	305
+300VSG0	PWR		106		2/15	305
+300VSG1	PWR		006		2/15	305
+5P	PWR		001		1/14	
	PWR		101		1/14	
+5V04	PWR		056		1/1	
-48V1	PWR		003		1/5	
	PWR		004		1/5	
GRD04	GRD		000			
	GRD		033			
	GRD		034			
	GRD		100			
	GRD		133			
	GRD		134			
	GRD		200			
	GRD		203			
	GRD		204			
	GRD		252			
	GRD		300			
	GRD		301			
	GRD		302			
	GRD		303			
	GRD		304			
RB0	IO		235		1/18,1/24 1/30,1/36 2/18,2/24 2/30,2/36	P/TB0

SYMBOL NO. 15 (CONT)

ACCESS POWER & CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0GDXAXP	04-104	TN832	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RB1	IO		234		1/21,1/24 1/33,1/39 2/21,2/24 2/33,2/39	P/TB1
RB10	IO		014		1/21,1/24 1/33,1/36 2/21,2/24 2/30,2/39	P/TB10
RB11	IO		215		1/18,1/24 1/30,1/39 2/18,2/24 2/33,2/36	P/TB11
RB12	IO		015		1/21,1/27 1/30,1/36 2/21,2/27 2/33,2/39	P/TB12
RB13	IO		220		1/18,1/27 1/33,1/39 2/18,2/27 2/30,2/36	P/TB13
RB14	IO		221		1/21,1/24 1/30,1/39 2/21,2/24 2/33,2/36	P/TB14
RB15	IO		222		1/18,1/24 1/33,1/36 2/18,2/24 2/30,2/39	P/TB15
RB2	IO		035		1/18,1/27 1/30,1/39 2/18,2/27 2/30,2/39	
RB3	IO		236		1/21,1/27 1/33,1/36 2/21,2/27 2/33,2/36	P/TB3
RB4	IO		036		1/18,1/24 1/33,1/39 2/18,2/24 2/33,2/39	
RB5	IO		241		1/21,1/24 1/30,1/36 2/21,2/24 2/30,2/36	P/TB5
RB6	IO		242		1/18,1/27 1/33,1/36 2/18,2/27 2/33,2/36	P/TB6
RB7	IO		243		1/21,1/27 1/30,1/39 2/21,2/27 2/30,2/39	
RB8	IO		214		1/21,1/27 1/33,1/39 2/21,2/27 2/30,2/36	P/TB8
RB9	IO		213		1/18,1/27 1/30,1/36 2/18,2/27 2/33,2/39	P/TB9
RMTSRT	IO		103		1/14	
RNG00	IO		038		1/5	
RNG01	IO		037		1/7	
RNG02	IO		238		1/9	
RNG03	IO		237		1/11	
RNG04	IO		239		1/5	
RNG05	IO		240		1/7	
RNG06	IO		039		1/9	
RNG07	IO		040		1/11	
RNG08	IO		017		1/5	
RNG09	IO		016		1/7	
RNG10	IO		217		1/9	

SYMBOL NO. 15 (CONT)

ACCESS POWER & CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0GDXAXP	04-104	TN832	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RNG11	IO		216		1/11	
RNG12	IO		218		1/5	
RNG13	IO		219		1/7	
RNG14	IO		018		1/9	
RNG15	IO		019		1/11	
TB0	IO		335		1/18,1/24 1/30,1/36 2/18,2/24 2/30,2/36	P/RB0
TB1	IO		334		1/21,1/24 1/33,1/39 2/21,2/24 2/33,2/39	P/RB1
TB10	IO		114		1/21,1/24 1/33,1/36 2/21,2/24 2/30,2/39	P/RB10
TB11	IO		315		1/18,1/24 1/30,1/39 2/18,2/24 2/33,2/36	P/RB11
TB12	IO		115		1/21,1/27 1/30,1/36 2/21,2/27 2/33,2/39	P/RB12
TB13	IO		320		1/18,1/27 1/33,1/39 2/18,2/27 2/30,2/36	P/RB13
TB14	IO		321		1/21,1/24 1/30,1/39 2/21,2/24 2/33,2/36	P/RB14
TB15	IO		322		1/18,1/24 1/33,1/36 2/18,2/24 2/30,2/39	P/RB15
TB2	IO		135		1/18,1/27 1/30,1/39 2/18,2/27 2/30,2/39	
TB3	IO		336		1/21,1/27 1/33,1/36 2/21,2/27 2/33,2/36	P/RB3
TB4	IO		136		1/18,1/24 1/33,1/39 2/18,2/24 2/33,2/39	
TB5	IO		341		1/21,1/24 1/30,1/36 2/21,2/24 2/30,2/36	P/RB5
TB6	IO		342		1/18,1/27 1/33,1/36 2/18,2/27 2/33,2/36	P/RB6
TB7	IO		343		1/21,1/27 1/30,1/39 2/21,2/27	

PART OF FS 1

SYMBOL(S) 14 15

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 2B
AT&T BELL LABORATORIES	SD-5D052-02	B1CG

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 15 (CONT)

ACCESS POWER & CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OGDXAXP	04-104	TN832	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					2/30,2/39	
T88	IO		314		1/21,1/27 1/33,1/39 2/21,2/27 2/30,2/36	P/RB8
T89	IO		313		1/18,1/27 1/30,1/36 2/18,2/27 2/33,2/39	P/RB9
TIP00	IO		138		1/5	
TIP01	IO		137		1/7	
TIP02	IO		338		1/9	
TIP03	IO		337		1/11	
TIP04	IO		339		1/5	
TIP05	IO		340		1/7	
TIP06	IO		139		1/9	
TIP07	IO		140		1/11	
TIP08	IO		117		1/5	
TIP09	IO		116		1/7	
TIP10	IO		317		1/9	
TIP11	IO		316		1/11	
TIP12	IO		318		1/5	
TIP13	IO		319		1/7	
TIP14	IO		118		1/9	
TIP15	IO		119		1/11	
OACASMO	IO		051		1/13	
OACBUSOR	IO		310		1/2	P/OACBUSOT
OACBUSOT	IO		210		1/2	P/OACBUSOR
OACBUS1R	IO		209		1/3	P/OACBUS1T
OACBUS1T	IO		309		1/3	P/OACBUS1R
OACBUS2R	IO		010		1/4	P/OACBUS2T
OACBUS2T	IO		110		1/4	P/OACBUS2R
OACBUS3R	IO		109		1/14	
OACBUS3T	IO		009		1/14	
OACBUS4R	IO		146		1/14	P/OACBUS4T
OACBUS4T	IO		046		1/14	P/OACBUS4R
OACBUS5R	IO		346		1/14	P/OACBUS5T
OACBUS5T	IO		246		1/14	P/OACBUS5R
OACBUS6R	IO		232		1/14	P/OACBUS6T
OACBUS6T	IO		332		1/14	P/OACBUS6R
OACBUS7R	IO		032		1/14	P/OACBUS7T
OACBUS7T	IO		132		1/14	P/OACBUS7R
OACCKO	IO		353		1/13	
OACDATAO	IO		352		1/13	
OACENO	IO		153		1/13	
OANLED	IO		154		2/13	
OPRALMO	IO		251		1/13	

SYMBOL NO. 16

TIP AND RING GRID 0 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-110	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R0000	IO		002		1/18 TO CAD 1 - AO	
R0001	IO		003		1/18 TO CAD 1 - AO	
R0002	IO		004		1/18 TO CAD 1 - AO	
R0003	IO		005		1/18 TO CAD 1 - AO	
R0010	IO		006		1/18 TO CAD 1 - AO	
R0011	IO		007		1/18 TO CAD 1 - AO	
R0012	IO		008		1/18 TO CAD 1 - AO	
R0013	IO		009		1/18 TO CAD 1 - AO	
R0020	IO		015		1/18 TO CAD 1 - AP	P/T0020
R0021	IO		016		1/18 TO CAD 1 - AP	
R0022	IO		017		1/18 TO CAD 1 - AP	P/T0022
R0023	IO		018		1/18 TO CAD 1 - AP	P/T0023
R0030	IO		019		1/18 TO CAD 1 - AP	P/T0030
R0031	IO		020		1/18 TO CAD 1 - AP	P/T0031
R0032	IO		021		1/18 TO CAD 1 - AP	P/T0032
R0033	IO		022		1/18 TO CAD 1 - AP	P/T0033
R0040	IO		034		1/18 TO CAD 1 - BI	
R0041	IO		035		1/18 TO CAD 1 - BI	
R0042	IO		036		1/18 TO CAD 1 - BI	
R0043	IO		037		1/18 TO CAD 1 - BI	
R0050	IO		038		1/18 TO CAD 1 - BI	
R0051	IO		039		1/18 TO CAD 1 - BI	
R0052	IO		040		1/18 TO CAD 1 - BI	
R0053	IO		041		1/18 TO CAD 1 - BI	
R0060	IO		047		1/18 TO CAD 1 - BJ	
R0061	IO		048		1/18 TO CAD 1 - BJ	
R0062	IO		049		1/18 TO CAD 1 - BJ	
R0063	IO		050		1/18 TO CAD 1 - BJ	P/T0063
R0070	IO		051		1/18 TO CAD 1 - BJ	
R0071	IO		052		1/18 TO CAD 1 - BJ	
R0072	IO		053		1/18 TO CAD 1 - BJ	P/T0072
R0073	IO		054		1/18 TO CAD 1 - BJ	P/T0073

SYMBOL NO. 17

TIP AND RING GRID 0 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-111	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T0000	IO		002		1/18 TO CAD 1 - AO	
T0001	IO		003		1/18 TO CAD 1 - AO	
T0002	IO		004		1/18 TO CAD 1 - AO	
T0003	IO		005		1/18 TO CAD 1 - AO	
T0010	IO		006		1/18 TO CAD 1 - AO	
T0011	IO		007		1/18 TO CAD 1 - AO	
T0012	IO		008		1/18 TO CAD 1 - AO	
T0013	IO		009		1/18 TO CAD 1 - AO	
T0020	IO		015		1/18 TO CAD 1 - AP	P/R0020
T0021	IO		016		1/18 TO CAD 1 - AP	
T0022	IO		017		1/18 TO CAD 1 - AP	P/R0022
T0023	IO		018		1/18 TO CAD 1 - AP	P/R0023
T0030	IO		019		1/18 TO CAD 1 - AP	P/R0030
T0031	IO		020		1/18 TO CAD 1 - AP	P/R0031
T0032	IO		021		1/18 TO CAD 1 - AP	P/R0032
T0033	IO		022		1/18 TO CAD 1 - AP	P/R0033
T0040	IO		034		1/18 TO CAD 1 - BI	
T0041	IO		035		1/18 TO CAD 1 - BI	
T0042	IO		036		1/18 TO CAD 1 - BI	
T0043	IO		037		1/18 TO CAD 1 - BI	
T0050	IO		038		1/18 TO CAD 1 - BI	
T0051	IO		039		1/18 TO CAD 1 - BI	
T0052	IO		040		1/18 TO CAD 1 - BI	
T0053	IO		041		1/18 TO CAD 1 - BI	
T0060	IO		047		1/18 TO CAD 1 - BJ	
T0061	IO		048		1/18 TO CAD 1 - BJ	
T0062	IO		049		1/18 TO CAD 1 - BJ	
T0063	IO		050		1/18 TO CAD 1 - BJ	P/R0063
T0070	IO		051		1/18 TO CAD 1 - BJ	
T0071	IO		052		1/18 TO CAD 1 - BJ	
T0072	IO		053		1/18 TO CAD 1 - BJ	P/R0072
T0073	IO		054		1/18 TO CAD 1 - BJ	P/R0073

PART OF FS 1
SYMBOL(S) 15 16 17

LINE UNIT, MODEL 2

DWG SIZE	ISSUE
C2	4B

AT&T BELL LABORATORIES	SD-5D052-02	B1CH

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 18

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG0	04-112	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V00	PWR		106		1/24	305
+300V01	PWR		006		1/24	305
+5V04	ID		001		1/1	
+5V13	ID		101		1/1	
-48RTN	GRD		055		1/18	
	GRD		056		1/18	
	GRD		155		1/18	
	GRD		203		1/18	
	GRD		204		1/18	
	GRD		206		1/18	
	GRD		207		1/18	
	GRD		208		1/18	
	GRD		255		1/18	
	GRD		256		1/18	
	GRD		301		1/18	
	GRD		302		1/18	
	GRD		303		1/18	
	GRD		304		1/18	
	GRD		306		1/18	
	GRD		307		1/18	
	GRD		308		1/18	
	GRD		355		1/18	
	GRD		356		1/18	
	GRD		156		1/21,1/24 1/27,1/30 1/33,1/36 1/39,1/44 1/46,1/48 1/50,1/56 1/57,1/58 1/59	
-48V2	PWR		003		1/18	
	PWR		004		1/21,1/43	
GRD04	GRD		000			
	GRD		036			
	GRD		037			
	GRD		100			
	GRD		136			
	GRD		137			
	GRD		140			
	GRD		141			
	GRD		200			
	GRD		300			
RB0	ID		017		1/15	P/TB0
RB11	ID		220		1/15	P/TB11
RB13	ID		224		1/15	P/TB13
RB15	ID		024		1/15	P/TB15
RB17	ID		034		1/14	P/TB17
RB19	ID		234		1/14	P/TB19
RB2	ID		217		1/15	P/TB2
RB21	ID		244		1/14	P/TB21
RB23	ID		044		1/14	P/TB23
RB24	ID		033		1/14	P/TB24
RB26	ID		233		1/14	P/TB26
RB28	ID		243		1/14	P/TB28
RB30	ID		043		1/14	P/TB30
RB33	ID		019		1/27,1/30 1/36,2/15 2/18,2/27 2/30,2/36	P/TB33
RB35	ID		219		1/24,1/30 1/39,2/15 2/18,2/24 2/30,2/39	P/TB35

SYMBOL NO. 18 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG0	04-112	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RB37	ID		223		1/27,1/33 1/39,2/15 2/18,2/27 2/33,2/39	P/TB37
RB39	ID		023		1/24,1/33 1/36,2/15 2/18,2/24 2/33,2/36	P/TB39
RB4	ID		221		1/15	P/TB4
RB40	ID		018		1/24,1/30 1/36,2/15 2/18,2/24 2/33,2/39	P/TB40
RB42	ID		218		1/27,1/30 1/39,2/15 2/18,2/27 2/33,2/36	P/TB42
RB44	ID		222		1/24,1/33 1/39,2/15 2/18,2/24 2/30,2/36	P/TB44
RB46	ID		022		1/27,1/33 1/36,2/15 2/18,2/27 2/30,2/39	P/TB46
RB48	ID		032		1/27,1/33 1/39,2/14 2/21,2/24 2/30,2/36	P/TB48
RB50	ID		232		1/24,1/33 1/36,2/14 2/21,2/27 2/30,2/39	P/TB50
RB52	ID		242		1/27,1/30 1/36,2/14 2/21,2/24 2/33,2/39	P/TB52
RB54	ID		042		1/24,1/30 1/39,2/14 2/21,2/27 2/33,2/36	P/TB54
RB57	ID		035		1/24,1/33 1/36,2/14 2/21,2/27 2/33,2/39	
RB59	ID		235		1/27,1/33 1/36,2/14 2/21,2/24 2/33,2/36	
RB6	ID		021		1/15	P/TB6
RB61	ID		245		1/24,1/30 1/36,2/14 2/21,2/27 2/30,2/36	
RB63	ID		045		1/27,1/30 1/39,2/14 2/21,2/24 2/30,2/39	
RB9	ID		020		1/15	P/TB9
RMTSRT	ID		103		1/14	
R0000	ID		010		1/16	P/T0C00
R0001	ID		011		1/16	P/T0C01
R0002	ID		213		1/16	P/T0C02
R0003	ID		215		1/16	P/T0C03
R0010	ID		014		1/16	P/T0C10
R0011	ID		016		1/16	P/T0C11
R0012	ID		210		1/16	P/T0C12
R0013	ID		212		1/16	P/T0D13
R0020	ID		013		1/16	

SYMBOL NO. 18 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG0	04-112	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R0021	ID		015		1/16	P/T0D21
R0022	ID		209		1/16	
R0023	ID		211		1/16	
R0030	ID		009		1/16	
R0031	ID		01Z		1/16	
R0032	ID		214		1/16	
R0033	ID		216		1/16	
R0040	ID		353		1/16	P/T0040
R0041	ID		351		1/16	P/T0041
R0042	ID		349		1/16	P/T0042
R0043	ID		347		1/16	P/T0043
R0050	ID		152		1/16	P/T0050
R0051	ID		150		1/16	P/T0051
R0052	ID		148		1/16	P/T0052
R0053	ID		146		1/16	P/T0053
R0060	ID		153		1/16	P/T0060
R0061	ID		151		1/16	P/T0061
R0062	ID		149		1/16	P/T0062
R0063	ID		147		1/16	
R0070	ID		352		1/16	P/T0070
R0071	ID		350		1/16	P/T0071
R0072	ID		348		1/16	
R0073	ID		346		1/16	
TB0	ID		117		1/15	P/RB0
TB11	ID		320		1/15	P/RB11
TB13	ID		324		1/15	P/RB13
TB15	ID		124		1/15	P/RB15
TB17	ID		134		1/14	P/RB17
TB19	ID		334		1/14	P/RB19
TB2	ID		317		1/15	P/RB2
TB21	ID		344		1/14	P/RB21
TB23	ID		144		1/14	P/RB23
TB24	ID		133		1/14	P/RB24
TB26	ID		333		1/14	P/RB26
TB28	ID		343		1/14	P/RB28
TB30	ID		143		1/14	P/RB30
TB33	ID		119		1/27,1/30 1/36,2/15 2/18,2/27 2/30,2/36	P/RB33
TB35	ID		319		1/24,1/30 1/39,2/15 2/18,2/24 2/30,2/39	P/RB35
TB37	ID		323		1/27,1/33 1/39,2/15 2/18,2/27 2/33,2/39	P/RB37
TB39	ID		123		1/24,1/33 1/36,2/15 2/18,2/24 2/33,2/36	P/RB39
TB4	ID		321		1/15	P/RB4
TB40	ID		118		1/24,1/30 1/36,2/15 2/18,2/24 2/33,2/39	P/RB40
TB42	ID		318		1/27,1/30 1/39,2/15 2/18,2/27 2/33,2/36	P/RB42
TB44	ID		322		1/24,1/33 1/39,2/15 2/18,2/24 2/30,2/36	P/RB44
TB46	ID		122		1/27,1/33 1/36,2/15 2/18,2/27	P/RB46

SYMBOL NO. 18 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG0	04-112	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					2/30,2/39	
TB48	ID		132		1/27,1/33 1/39,2/14 2/21,2/24 2/30,2/36	P/RB48
TB50	ID		332		1/24,1/33 1/36,2/14 2/21,2/27 2/30,2/39	P/RB50
TB52	ID		342		1/27,1/30 1/36,2/14 2/21,2/24 2/33,2/39	P/RB52
TB54	ID		142		1/24,1/30 1/39,2/14 2/21,2/27 2/33,2/36	P/RB54
TB57	ID		135		1/24,1/33 1/39,2/14 2/21,2/27 2/33,2/39	
TB59	ID		335		1/27,1/33 1/36,2/14 2/21,2/24 2/33,2/36	
TB6	ID		121		1/15	P/RB6
TB61	ID		345		1/24,1/30 1/36,2/14 2/21,2/27 2/30,2/36	
TB63	ID		145		1/27,1/30 1/39,2/14 2/21,2/24 2/30,2/39	
TB9	ID		120		1/15	P/RB9
T0000	ID		110		1/17	P/R0000
T0001	ID		111		1/17	P/R0001
T0002	ID		313		1/17	P/R0002
T0003	ID		315		1/17	P/R0003
T0010	ID		114		1/17	P/R0010
T0011	ID		116		1/17	P/R0011
T0012	ID		310		1/17	P/R0012
T0013	ID		312		1/17	P/R0013
T0020	ID		113		1/17	
T0021	ID		115		1/17	P/R0021
T0022	ID		309		1/17	
T0023	ID		311		1/17	
T0030	ID		109		1/17	
T0031	ID		112		1/17	
T0032	ID		314		1/17	
T0033	ID		316		1/17	
T0040	ID		253		1/17	P/R0040
T0041	ID		251		1/17	P/R0041
T0042	ID		249		1/17	P/R0042
T0043	ID		247		1/17	P/R0043

PART OF FS 1

SYMBOL(S) 18

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D052-02	B1CJ

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 18 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHGD	04-112	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T0050	IO		052		1/17	P/R0050
T0051	IO		050		1/17	P/R0051
T0052	IO		048		1/17	P/R0052
T0053	IO		046		1/17	P/R0053
T0060	IO		053		1/17	P/R0060
T0061	IO		051		1/17	P/R0061
T0062	IO		049		1/17	P/R0062
T0063	IO		047		1/17	
T0070	IO		252		1/17	P/R0070
T0071	IO		250		1/17	P/R0071
T0072	IO		248		1/17	
T0073	IO		246		1/17	
0ASWG00	IO		237		1/13	
0CLG0	IO		241		1/13	
0DG0	IO		338		1/13	
0EG00	IO		341		1/13	
0PAG00	IO		236		1/13	
0SLG0	IO		240		1/13	
0256KHZ0	IO		038		1/12	
1ASWG00	IO		337		2/13	
1CLG0	IO		339		1/21,2/13	
1DG0	IO		238		1/21,2/13	
1EG00	IO		239		2/13	
1PAG00	IO		336		2/13	
1SLG0	IO		340		1/21,2/13	
1256KHZ0	IO		138		1/21,2/12	

SYMBOL NO. 19

TIP AND RING GRID 0 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-118	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R0100	IO		002		1/21 TO CAD 1 - AM	
R0101	IO		003		1/21 TO CAD 1 - AM	
R0102	IO		004		1/21 TO CAD 1 - AM	
R0103	IO		005		1/21 TO CAD 1 - AM	
R0110	IO		006		1/21 TO CAD 1 - AM	
R0111	IO		007		1/21 TO CAD 1 - AM	
R0112	IO		008		1/21 TO CAD 1 - AM	
R0113	IO		009		1/21 TO CAD 1 - AM	
R0120	IO		015		1/21 TO CAD 1 - AN	P/T0120
R0121	IO		016		1/21 TO CAD 1 - AN	
R0122	IO		017		1/21 TO CAD 1 - AN	P/T0122
R0123	IO		018		1/21 TO CAD 1 - AN	P/T0123

SYMBOL NO. 19 (CONT)

TIP AND RING GRID 0 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-118	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R0130	IO		019		1/21 TO CAD 1 - AN	P/T0130
R0131	IO		020		1/21 TO CAD 1 - AN	P/T0131
R0132	IO		021		1/21 TO CAD 1 - AN	P/T0132
R0133	IO		022		1/21 TO CAD 1 - AN	P/T0133
R0140	IO		034		1/21 TO CAD 1 - BG	
R0141	IO		035		1/21 TO CAD 1 - BG	
R0142	IO		036		1/21 TO CAD 1 - BG	
R0143	IO		037		1/21 TO CAD 1 - BG	
R0150	IO		038		1/21 TO CAD 1 - BG	
R0151	IO		039		1/21 TO CAD 1 - BG	
R0152	IO		040		1/21 TO CAD 1 - BG	
R0153	IO		041		1/21 TO CAD 1 - BG	
R0160	IO		047		1/21 TO CAD 1 - BH	
R0161	IO		048		1/21 TO CAD 1 - BH	
R0162	IO		049		1/21 TO CAD 1 - BH	
R0163	IO		050		1/21 TO CAD 1 - BH	P/T0163
R0170	IO		051		1/21 TO CAD 1 - BH	
R0171	IO		052		1/21 TO CAD 1 - BH	
R0172	IO		053		1/21 TO CAD 1 - BH	P/T0172
R0173	IO		054		1/21 TO CAD 1 - BH	P/T0173

SYMBOL NO. 20

TIP AND RING GRID 0 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-119	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T0100	IO		002		1/21 TO CAD 1 - AM	
T0101	IO		003		1/21 TO CAD 1 - AM	
T0102	IO		004		1/21 TO CAD 1 - AM	
T0103	IO		005		1/21 TO CAD 1 - AM	
T0110	IO		006		1/21 TO CAD 1 - AM	
T0111	IO		007		1/21 TO CAD 1 - AM	

SYMBOL NO. 20 (CONT)

TIP AND RING GRID 0 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-119	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T0112	IO		008		1/21 TO CAD 1 - AM	
T0113	IO		009		1/21 TO CAD 1 - AM	
T0120	IO		015		1/21 TO CAD 1 - AN	P/R0120
T0121	IO		016		1/21 TO CAD 1 - AN	
T0122	IO		017		1/21 TO CAD 1 - AN	P/R0122
T0123	IO		018		1/21 TO CAD 1 - AN	P/R0123
T0130	IO		019		1/21 TO CAD 1 - AN	P/R0130
T0131	IO		020		1/21 TO CAD 1 - AN	P/R0131
T0132	IO		021		1/21 TO CAD 1 - AN	P/R0132
T0133	IO		022		1/21 TO CAD 1 - AN	P/R0133
T0140	IO		034		1/21 TO CAD 1 - BG	
T0141	IO		035		1/21 TO CAD 1 - BG	
T0142	IO		036		1/21 TO CAD 1 - BG	
T0143	IO		037		1/21 TO CAD 1 - BG	
T0150	IO		038		1/21 TO CAD 1 - BG	
T0151	IO		039		1/21 TO CAD 1 - BG	
T0152	IO		040		1/21 TO CAD 1 - BG	
T0153	IO		041		1/21 TO CAD 1 - BG	
T0160	IO		047		1/21 TO CAD 1 - BH	
T0161	IO		048		1/21 TO CAD 1 - BH	
T0162	IO		049		1/21 TO CAD 1 - BH	
T0163	IO		050		1/21 TO CAD 1 - BH	P/R0163
T0170	IO		051		1/21 TO CAD 1 - BH	
T0171	IO		052		1/21 TO CAD 1 - BH	
T0172	IO		053		1/21 TO CAD 1 - BH	P/R0172
T0173	IO		054		1/21 TO CAD 1 - BH	P/R0173

PART OF FS 1
SYMBOL(S) 18 19 20

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D052-02	B1CK

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 21

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG1	04-120	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V02	PWR		106		1/27	305
+300V03	PWR		006		1/27	305
+5V04	PWR		001		1/1	
+5V13	PWR		101		1/1	
-48RTN	GRD		055		1/18	
	GRD		056		1/18	
	GRD		155		1/18	
	GRD		156		1/18	
	GRD		203		1/18	
	GRD		204		1/18	
	GRD		206		1/18	
	GRD		207		1/18	
	GRD		208		1/18	
	GRD		255		1/18	
	GRD		256		1/18	
	GRD		301		1/18	
	GRD		302		1/18	
	GRD		303		1/18	
	GRD		304		1/18	
	GRD		306		1/18	
	GRD		307		1/18	
	GRD		308		1/18	
	GRD		355		1/18	
	GRD		356		1/18	
-48V2	PWR		003		1/18	
	PWR		004		1/18	
GRD04	GRD		000			
	GRD		036			
	GRD		037			
	GRD		100			
	GRD		136			
	GRD		137			
	GRD		140			
	GRD		141			
	GRD		200			
	GRD		300			
RB1	IO		019		1/15	P/TB1
RB10	IO		218		1/15	P/TB10
RB12	IO		222		1/15	P/TB12
RB14	IO		022		1/15	P/TB14
RB16	IO		032		1/14	P/TB16
RB18	IO		232		1/14	P/TB18
RB20	IO		242		1/14	P/TB20
RB22	IO		042		1/14	P/TB22
RB25	IO		035		1/14	P/TB25
RB27	IO		235		1/14	P/TB27
RB29	IO		245		1/14	P/TB29
RB3	IO		219		1/15	P/TB3
RB31	IO		045		1/14	P/TB31
RB32	IO		017		1/27,1/33 1/39,2/15 2/21,2/27 2/33,2/39	P/TB32
RB34	IO		217		1/24,1/33 1/36,2/15 2/21,2/24 2/33,2/36	P/TB34
RB36	IO		221		1/27,1/30 1/36,2/15 2/21,2/27 2/30,2/36	P/TB36
RB38	IO		021		1/24,1/30 1/39,2/15 2/21,2/24 2/30,2/39	P/TB38

SYMBOL NO. 21 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG1	04-120	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RB41	IO		020		1/24,1/33 1/39,2/15 2/21,2/24 2/30,2/36	P/TB41
RB43	IO		220		1/27,1/33 1/36,2/15 2/21,2/27 2/30,2/39	P/TB43
RB45	IO		224		1/24,1/30 1/36,2/15 2/21,2/24 2/33,2/39	P/TB45
RB47	IO		024		1/27,1/30 1/39,2/15 2/21,2/27 2/33,2/36	P/TB47
RB49	IO		034		1/27,1/30 1/36,2/14 2/18,2/24 2/33,2/39	P/TB49
RB5	IO		223		1/15	P/TB5
RB51	IO		234		1/24,1/30 1/39,2/14 2/18,2/27 2/33,2/36	P/TB51
RB53	IO		244		1/27,1/33 1/39,2/14 2/18,2/24 2/30,2/36	
RB55	IO		044		1/24,1/33 1/36,2/14 2/18,2/27 2/30,2/39	P/TB55
RB56	IO		033		1/24,1/30 1/36,2/14 2/18,2/27 2/30,2/36	
RB58	IO		233		1/27,1/30 1/39,2/14 2/18,2/24 2/30,2/39	
RB60	IO		243		1/24,1/33 1/39,2/14 2/18,2/27 2/33,2/39	
RB62	IO		043		1/27,1/33 1/36,2/14 2/18,2/24 2/33,2/36	
RB7	IO		023		1/15	P/TB7
RB8	IO		018		1/15	P/TB8
RMTSRT	IO		103		1/14	
R0100	IO		010		1/19	P/T0100
R0101	IO		011		1/19	P/T0101
R0102	IO		213		1/19	P/T0102
R0103	IO		215		1/19	P/T0103
R0110	IO		014		1/19	P/T0110
R0111	IO		016		1/19	P/T0111
R0112	IO		210		1/19	P/T0112
R0113	IO		212		1/19	P/T0113
R0120	IO		013		1/19	
R0121	IO		015		1/19	P/T0121
R0122	IO		209		1/19	
R0123	IO		211		1/19	
R0130	IO		009		1/19	
R0131	IO		012		1/19	
R0132	IO		214		1/19	

SYMBOL NO. 21 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG1	04-120	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R0133	IO		216		1/19	
R0140	IO		353		1/19	P/T0140
R0141	IO		351		1/19	P/T0141
R0142	IO		349		1/19	P/T0142
R0143	IO		347		1/19	P/T0143
R0150	IO		152		1/19	P/T0150
R0151	IO		150		1/19	P/T0151
R0152	IO		148		1/19	P/T0152
R0153	IO		146		1/19	P/T0153
R0160	IO		153		1/19	P/T0160
R0161	IO		151		1/19	P/T0161
R0162	IO		149		1/19	P/T0162
R0163	IO		147		1/19	
R0170	IO		352		1/19	P/T0170
R0171	IO		350		1/19	P/T0171
R0172	IO		348		1/19	
R0173	IO		346		1/19	
TB1	IO		119		1/15	P/RB1
TB10	IO		318		1/15	P/RB10
TB12	IO		322		1/15	P/RB12
TB14	IO		122		1/15	P/RB14
TB16	IO		132		1/14	P/RB16
TB18	IO		332		1/14	P/RB18
TB20	IO		342		1/14	P/RB20
TB22	IO		142		1/14	P/RB22
TB25	IO		135		1/14	P/RB25
TB27	IO		335		1/14	P/RB27
TB29	IO		345		1/14	P/RB29
TB3	IO		319		1/15	P/RB3
TB31	IO		145		1/14	P/RB31
TB32	IO		117		1/27,1/33 1/39,2/15 2/21,2/27 2/33,2/39	P/RB32
TB34	IO		317		1/24,1/33 1/36,2/15 2/21,2/24 2/33,2/36	P/RB34
TB36	IO		321		1/27,1/30 1/36,2/15 2/21,2/27 2/30,2/36	P/RB36
TB38	IO		121		1/24,1/30 1/39,2/15 2/21,2/24 2/30,2/39	P/RB38
TB41	IO		120		1/24,1/33 1/39,2/15 2/21,2/24 2/30,2/36	P/RB41
TB43	IO		320		1/27,1/33 1/36,2/15 2/21,2/27 2/30,2/39	P/RB43
TB45	IO		324		1/24,1/30 1/36,2/15 2/21,2/24 2/33,2/39	P/RB45
TB47	IO		124		1/27,1/30 1/39,2/15 2/21,2/27 2/33,2/36	P/RB47
TB49	IO		134		1/27,1/30 1/36,2/14 2/18,2/24 2/33,2/39	P/RB49

SYMBOL NO. 21 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG1	04-120	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
TB5	IO		323		1/15	P/RB5
TB51	IO		334		1/24,1/30 1/39,2/14 2/18,2/27 2/33,2/36	P/RB51
TB53	IO		344		1/27,1/33 1/39,2/14 2/18,2/24 2/30,2/36	
TB55	IO		144		1/24,1/33 1/36,2/14 2/18,2/27 2/30,2/39	P/RB55
TB56	IO		133		1/24,1/30 1/36,2/14 2/18,2/27 2/30,2/36	
TB58	IO		333		1/27,1/30 1/39,2/14 2/18,2/24 2/30,2/39	
TB60	IO		343		1/24,1/33 1/39,2/14 2/18,2/27 2/33,2/39	
TB62	IO		143		1/27,1/33 1/36,2/14 2/18,2/24 2/33,2/36	
TB7	IO		123		1/15	P/RB7
TB8	IO		118		1/15	P/RB8
T0100	IO		110		1/20	P/R0100
T0101	IO		111		1/20	P/R0101
T0102	IO		313		1/20	P/R0102
T0103	IO		315		1/20	P/R0103
T0110	IO		114		1/20	P/R0110
T0111	IO		116		1/20	P/R0111
T0112	IO		310		1/20	P/R0112
T0113	IO		312		1/20	P/R0113
T0120	IO		113		1/20	
T0121	IO		115		1/20	P/R0121
T0122	IO		309		1/20	
T0123	IO		311		1/20	
T0130	IO		109		1/20	
T0131	IO		112		1/20	
T0132	IO		314		1/20	
T0133	IO		316		1/20	
T0140	IO		253		1/20	P/R0140
T0141	IO		251		1/20	P/R0141
T0142	IO		249		1/20	P/R0142
T0143	IO		247		1/20	P/R0143
T0150	IO		052		1/20	P/R0150
T0151	IO		050		1/20	P/R0151
T0152	IO		048		1/20	P/R0152
T0153	IO		046		1/20	P/R0153

PART OF FS 1

SYMBOL(S) 21

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D052-02	B1CL

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 21 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG1	04-120	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T0160	IO		053		1/20	P/R0160
T0161	IO		051		1/20	P/R0161
T0162	IO		049		1/20	P/R0162
T0163	IO		047		1/20	
T0170	IO		252		1/20	P/R0170
T0171	IO		250		1/20	P/R0171
T0172	IO		248		1/20	
T0173	IO		246		1/20	
0ASWG01	IO		237		1/13	
0CLG0	IO		241		1/13	
0DG0	IO		338		1/13	
0EG01	IO		341		1/13	
0PAG01	IO		236		1/13	
0SLG0	IO		240		1/13	
0Z56KHZ0	IO		038		1/12	
1ASWG01	IO		337		2/13	
1CLG0	IO		339		1/18	
1DG0	IO		238		1/18	
1EG01	IO		239		2/13	
1PAG01	IO		336		2/13	
1SLG0	IO		340		1/18	
1Z56KHZ0	IO		138		1/18	

SYMBOL NO. 22

TIP AND RING GRID 1 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-126	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R1000	IO		002		1/24 TO CAD 1 - AK	
R1001	IO		003		1/24 TO CAD 1 - AK	
R1002	IO		004		1/24 TO CAD 1 - AK	
R1003	IO		005		1/24 TO CAD 1 - AK	
R1010	IO		006		1/24 TO CAD 1 - AK	
R1011	IO		007		1/24 TO CAD 1 - AK	
R1012	IO		008		1/24 TO CAD 1 - AK	
R1013	IO		009		1/24 TO CAD 1 - AK	
R1020	IO		015		1/24 TO CAD 1 - AL	P/T1020
R1021	IO		016		1/24 TO CAD 1 - AL	
R1022	IO		017		1/24 TO CAD 1 - AL	P/T1022
R1023	IO		018		1/24 TO CAD 1 - AL	P/T1023
R1030	IO		019		1/24 TO CAD 1 - AL	P/T1030
R1031	IO		020		1/24 TO CAD 1 - AL	P/T1031
R1032	IO		021		1/24 TO CAD 1 - AL	P/T1032

SYMBOL NO. 22 (CONT)

TIP AND RING GRID 1 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-126	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R1033	IO		022		1/24 TO CAD 1 - AL	P/T1033
R1040	IO		034		1/24 TO CAD 1 - BE	
R1041	IO		035		1/24 TO CAD 1 - BE	
R1042	IO		036		1/24 TO CAD 1 - BE	
R1043	IO		037		1/24 TO CAD 1 - BE	
R1050	IO		038		1/24 TO CAD 1 - BE	
R1051	IO		039		1/24 TO CAD 1 - BE	
R1052	IO		040		1/24 TO CAD 1 - BE	
R1053	IO		041		1/24 TO CAD 1 - BE	
R1060	IO		047		1/24 TO CAD 1 - BF	
R1061	IO		048		1/24 TO CAD 1 - BF	
R1062	IO		049		1/24 TO CAD 1 - BF	
R1063	IO		050		1/24 TO CAD 1 - BF	P/T1063
R1070	IO		051		1/24 TO CAD 1 - BF	
R1071	IO		052		1/24 TO CAD 1 - BF	
R1072	IO		053		1/24 TO CAD 1 - BF	P/T1072
R1073	IO		054		1/24 TO CAD 1 - BF	P/T1073

SYMBOL NO. 23

TIP AND RING GRID 1 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-127	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T1000	IO		002		1/24 TO CAD 1 - AK	
T1001	IO		003		1/24 TO CAD 1 - AK	
T1002	IO		004		1/24 TO CAD 1 - AK	
T1003	IO		005		1/24 TO CAD 1 - AK	
T1010	IO		006		1/24 TO CAD 1 - AK	
T1011	IO		007		1/24 TO CAD 1 - AK	
T1012	IO		008		1/24 TO CAD 1 - AK	
T1013	IO		009		1/24 TO CAD 1 - AK	
T1020	IO		015		1/24 TO CAD 1 - AL	P/R1020

SYMBOL NO. 23 (CONT)

TIP AND RING GRID 1 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-127	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T1021	IO		016		1/24 TO CAD 1 - AL	
T1022	IO		017		1/24 TO CAD 1 - AL	P/R1022
T1023	IO		018		1/24 TO CAD 1 - AL	P/R1023
T1030	IO		019		1/24 TO CAD 1 - AL	P/R1030
T1031	IO		020		1/24 TO CAD 1 - AL	P/R1031
T1032	IO		021		1/24 TO CAD 1 - AL	P/R1032
T1033	IO		022		1/24 TO CAD 1 - AL	P/R1033
T1040	IO		034		1/24 TO CAD 1 - BE	
T1041	IO		035		1/24 TO CAD 1 - BE	
T1042	IO		036		1/24 TO CAD 1 - BE	
T1043	IO		037		1/24 TO CAD 1 - BE	
T1050	IO		038		1/24 TO CAD 1 - BE	
T1051	IO		039		1/24 TO CAD 1 - BE	
T1052	IO		040		1/24 TO CAD 1 - BE	
T1053	IO		041		1/24 TO CAD 1 - BE	
T1060	IO		047		1/24 TO CAD 1 - BF	
T1061	IO		048		1/24 TO CAD 1 - BF	
T1062	IO		049		1/24 TO CAD 1 - BF	
T1063	IO		050		1/24 TO CAD 1 - BF	P/R1063
T1070	IO		051		1/24 TO CAD 1 - BF	
T1071	IO		052		1/24 TO CAD 1 - BF	
T1072	IO		053		1/24 TO CAD 1 - BF	P/R1072
T1073	IO		054		1/24 TO CAD 1 - BF	P/R1073

PART OF FS 1

SYMBOL(S) 21 22 23

LINE UNIT, MODEL 2

DWG SIZE	ISSUE
C2	4B

AT&T BELL LABORATORIES	SD-5D052-02	B1CM

PRINTED IN U.S.A.

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 24

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG2	04-128	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V00	PWR		006		1/18	305
+300V01	PWR		106		1/18	305
+5V04	PWR		001		1/1	
+5V13	PWR		101		1/1	
-48RTN	GRD		055		1/18	
	GRD		056		1/18	
	GRD		155		1/18	
	GRD		156		1/18	
	GRD		203		1/18	
	GRD		204		1/18	
	GRD		206		1/18	
	GRD		207		1/18	
	GRD		208		1/18	
	GRD		255		1/18	
	GRD		256		1/18	
	GRD		301		1/18	
	GRD		302		1/18	
	GRD		303		1/18	
	GRD		304		1/18	
	GRD		306		1/18	
	GRD		307		1/18	
	GRD		308		1/18	
	GRD		355		1/18	
	GRD		356		1/18	
-48V3	PWR		004		1/24	
	PWR		003		1/27,1/47	
GRD04	GRD		000			
	GRD		036			
	GRD		037			
	GRD		100			
	GRD		136			
	GRD		137			
	GRD		140			
	GRD		141			
	GRD		200			
	GRD		300			
RB0	IO		017		1/15	P/TB0
RB1	IO		019		1/15	P/TB1
RB10	IO		218		1/15	P/TB10
RB11	IO		220		1/15	P/TB11
RB14	IO		022		1/15	P/TB14
RB15	IO		024		1/15	P/TB15
RB16	IO		032		1/14	P/TB16
RB17	IO		034		1/14	P/TB17
RB20	IO		242		1/14	P/TB20
RB21	IO		244		1/14	P/TB21
RB26	IO		233		1/14	P/TB26
RB27	IO		235		1/14	P/TB27
RB30	IO		043		1/14	P/TB30
RB31	IO		045		1/14	P/TB31
RB34	IO		217		1/21	P/TB34
RB35	IO		219		1/18	P/TB35
RB38	IO		021		1/21	P/TB38
RB39	IO		023		1/18	P/TB39
RB4	IO		221		1/15	P/TB4
RB40	IO		018		1/18	P/TB40
RB41	IO		020		1/21	P/TB41
RB44	IO		222		1/18	P/TB44
RB45	IO		224		1/21	P/TB45
RB5	IO		223		1/15	P/TB5

SYMBOL NO. 24 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG2	04-128	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RB50	IO		232		1/18	P/TB50
RB51	IO		234		1/21	P/TB51
RB54	IO		042		1/18	P/TB54
RB55	IO		044		1/21	P/TB55
RB56	IO		033		1/21	P/TB56
RB57	IO		035		1/18	P/TB57
RB60	IO		243		1/21	P/TB60
RB61	IO		245		1/18	P/TB61
RMTSRT	IO		103		1/14	
R1000	IO		010		1/22	P/T1000
R1001	IO		011		1/22	P/T1001
R1002	IO		213		1/22	P/T1002
R1003	IO		215		1/22	P/T1003
R1010	IO		014		1/22	P/T1010
R1011	IO		016		1/22	P/T1011
R1012	IO		210		1/22	P/T1012
R1013	IO		212		1/22	P/T1013
R1020	IO		013		1/22	
R1021	IO		015		1/22	P/T1021
R1022	IO		209		1/22	
R1023	IO		211		1/22	
R1030	IO		009		1/22	
R1031	IO		012		1/22	
R1032	IO		214		1/22	
R1033	IO		216		1/22	
R1040	IO		353		1/22	P/T1040
R1041	IO		351		1/22	P/T1041
R1042	IO		349		1/22	P/T1042
R1043	IO		347		1/22	P/T1043
R1050	IO		152		1/22	P/T1050
R1051	IO		150		1/22	P/T1051
R1052	IO		148		1/22	P/T1052
R1053	IO		146		1/22	P/T1053
R1060	IO		153		1/22	P/T1060
R1061	IO		151		1/22	P/T1061
R1062	IO		149		1/22	P/T1062
R1063	IO		147		1/22	
R1070	IO		352		1/22	P/T1070
R1071	IO		350		1/22	P/T1071
R1072	IO		348		1/22	
R1073	IO		346		1/22	
TB0	IO		117		1/15	P/RB0
TB1	IO		119		1/15	P/RB1
TB10	IO		318		1/15	P/RB10
TB11	IO		320		1/15	P/RB11
TB14	IO		122		1/15	P/RB14
TB15	IO		124		1/15	P/RB15
TB16	IO		132		1/14	P/RB16
TB17	IO		134		1/14	P/RB17
TB20	IO		342		1/14	P/RB20
TB21	IO		344		1/14	P/RB21
TB26	IO		333		1/14	P/RB26
TB27	IO		335		1/14	P/RB27
TB30	IO		143		1/14	P/RB30
TB31	IO		145		1/14	P/RB31
TB34	IO		317		1/21	P/RB34
TB35	IO		319		1/18	P/RB35
TB38	IO		121		1/21	P/RB38
TB39	IO		123		1/18	P/RB39
TB4	IO		321		1/15	P/RB4

SYMBOL NO. 24 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG2	04-128	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
TB40	IO		118		1/18	P/RB40
TB41	IO		120		1/21	P/RB41
TB44	IO		322		1/18	P/RB44
TB45	IO		324		1/21	P/RB45
TB5	IO		323		1/15	P/RB5
TB50	IO		332		1/18	P/RB50
TB51	IO		334		1/21	P/RB51
TB54	IO		142		1/18	P/RB54
TB55	IO		144		1/21	P/RB55
TB56	IO		133		1/21	P/RB56
TB57	IO		135		1/18	P/RB57
TB60	IO		343		1/21	P/RB60
TB61	IO		345		1/18	P/RB61
T1000	IO		110		1/23	P/R1000
T1001	IO		111		1/23	P/R1001
T1002	IO		313		1/23	P/R1002
T1003	IO		315		1/23	P/R1003
T1010	IO		114		1/23	P/R1010
T1011	IO		116		1/23	P/R1011
T1012	IO		310		1/23	P/R1012
T1013	IO		312		1/23	P/R1013
T1020	IO		113		1/23	
T1021	IO		115		1/23	P/R1021
T1022	IO		309		1/23	
T1023	IO		311		1/23	
T1030	IO		109		1/23	
T1031	IO		112		1/23	
T1032	IO		314		1/23	
T1033	IO		316		1/23	
T1040	IO		253		1/23	P/R1040
T1041	IO		251		1/23	P/R1041
T1042	IO		249		1/23	P/R1042
T1043	IO		247		1/23	P/R1043
T1050	IO		052		1/23	P/R1050
T1051	IO		050		1/23	P/R1051
T1052	IO		048		1/23	P/R1052
T1053	IO		046		1/23	P/R1053
T1060	IO		053		1/23	P/R1060
T1061	IO		051		1/23	P/R1061
T1062	IO		049		1/23	P/R1062
T1063	IO		047		1/23	
T1070	IO		252		1/23	P/R1070
T1071	IO		250		1/23	P/R1071
T1072	IO		248		1/23	
T1073	IO		246		1/23	
0ASWG10	IO		237		1/13	
0CLG1	IO		241		1/13	
0DG1	IO		338		1/13	
0EG10	IO		341		1/13	
0PAG10	IO		236		1/13	
0SLG1	IO		240		1/13	
0256KHZ1	IO		038		1/12	
1ASWG10	IO		337		2/13	
1CLG1	IO		339		1/27,2/13	
1DG1	IO		238		1/27,2/13	
1EG10	IO		239		2/13	
1PAG10	IO		336		2/13	
1SLG1	IO		340		1/27,2/13	
1256KHZ1	IO		138		1/27,2/12	

PART OF FS 1
SYMBOL(S) 24

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 4B
AT&T BELL LABORATORIES	SD-50052-02	B1CN

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 25

TIP AND RING GRID 1 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-134	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R1100	IO		002		1/27 TO CAD 1 - AI	
R1101	IO		003		1/27 TO CAD 1 - AI	
R1102	IO		004		1/27 TO CAD 1 - AI	
R1103	IO		005		1/27 TO CAD 1 - AI	
R1110	IO		006		1/27 TO CAD 1 - AI	
R1111	IO		007		1/27 TO CAD 1 - AI	
R1112	IO		008		1/27 TO CAD 1 - AI	
R1113	IO		009		1/27 TO CAD 1 - AI	
R1120	IO		015		1/27 TO CAD 1 - AJ	P/T1120
R1121	IO		016		1/27 TO CAD 1 - AJ	
R1122	IO		017		1/27 TO CAD 1 - AJ	P/T1122
R1123	IO		018		1/27 TO CAD 1 - AJ	P/T1123
R1130	IO		019		1/27 TO CAD 1 - AJ	P/T1130
R1131	IO		020		1/27 TO CAD 1 - AJ	P/T1131
R1132	IO		021		1/27 TO CAD 1 - AJ	P/T1132
R1133	IO		022		1/27 TO CAD 1 - AJ	P/T1133
R1140	IO		034		1/27 TO CAD 1 - BC	
R1141	IO		035		1/27 TO CAD 1 - BC	
R1142	IO		036		1/27 TO CAD 1 - BC	
R1143	IO		037		1/27 TO CAD 1 - BC	
R1150	IO		038		1/27 TO CAD 1 - BC	
R1151	IO		039		1/27 TO CAD 1 - BC	
R1152	IO		040		1/27 TO CAD 1 - BC	
R1153	IO		041		1/27 TO CAD 1 - BC	
R1160	IO		047		1/27 TO CAD 1 - BD	
R1161	IO		048		1/27 TO CAD 1 - BD	
R1162	IO		049		1/27 TO CAD 1 - BD	
R1163	IO		050		1/27 TO CAD 1 - BD	P/T1163
R1170	IO		051		1/27 TO CAD 1 - BD	
R1171	IO		052		1/27 TO CAD 1 - BD	
R1172	IO		053		1/27 TO CAD 1 - BD	P/T1172
R1173	IO		054		1/27 TO CAD 1 - BD	P/T1173

SYMBOL NO. 26

TIP AND RING GRID 1 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-135	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T1100	IO		002		1/27 TO CAD 1 - AI	
T1101	IO		003		1/27 TO CAD 1 - AI	
T1102	IO		004		1/27 TO CAD 1 - AI	
T1103	IO		005		1/27 TO CAD 1 - AI	
T1110	IO		006		1/27 TO CAD 1 - AI	
T1111	IO		007		1/27 TO CAD 1 - AI	
T1112	IO		008		1/27 TO CAD 1 - AI	
T1113	IO		009		1/27 TO CAD 1 - AI	
T1120	IO		015		1/27 TO CAD 1 - AJ	P/R1120
T1121	IO		016		1/27 TO CAD 1 - AJ	
T1122	IO		017		1/27 TO CAD 1 - AJ	P/R1122
T1123	IO		018		1/27 TO CAD 1 - AJ	P/R1123
T1130	IO		019		1/27 TO CAD 1 - AJ	P/R1130
T1131	IO		020		1/27 TO CAD 1 - AJ	P/R1131
T1132	IO		021		1/27 TO CAD 1 - AJ	P/R1132
T1133	IO		022		1/27 TO CAD 1 - AJ	P/R1133
T1140	IO		034		1/27 TO CAD 1 - BC	
T1141	IO		035		1/27 TO CAD 1 - BC	
T1142	IO		036		1/27 TO CAD 1 - BC	
T1143	IO		037		1/27 TO CAD 1 - BC	
T1150	IO		038		1/27 TO CAD 1 - BC	
T1151	IO		039		1/27 TO CAD 1 - BC	
T1152	IO		040		1/27 TO CAD 1 - BC	
T1153	IO		041		1/27 TO CAD 1 - BC	
T1160	IO		047		1/27 TO CAD 1 - BD	
T1161	IO		048		1/27 TO CAD 1 - BD	
T1162	IO		049		1/27 TO CAD 1 - BD	
T1163	IO		050		1/27 TO CAD 1 - BD	P/R1163
T1170	IO		051		1/27 TO CAD 1 - BD	
T1171	IO		052		1/27 TO CAD 1 - BD	
T1172	IO		053		1/27 TO CAD 1 - BD	P/R1172
T1173	IO		054		1/27 TO CAD 1 - BD	P/R1173

SYMBOL NO. 27

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG3	04-136	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V02	PWR		006		1/21	305
+300V03	PWR		106		1/21	305
+5V04	PWR		001		1/1	
+5V13	PWR		101		1/1	
-48RTN	GRD		055		1/18	
	GRD		056		1/18	
	GRD		155		1/18	
	GRD		156		1/18	
	GRD		203		1/18	
	GRD		204		1/18	
	GRD		206		1/18	
	GRD		207		1/18	
	GRD		208		1/18	
	GRD		255		1/18	
	GRD		256		1/18	
	GRD		301		1/18	
	GRD		302		1/18	
	GHD		303		1/18	
	GRD		304		1/18	
	GRD		306		1/18	
	GRD		307		1/18	
	GRD		308		1/18	
	GRD		355		1/18	
	GRD		356		1/18	
-48V3	PWR		003		1/24	
	PWR		004		1/24	
GRD04	GRD		000			
	GRD		036			
	GRD		037			
	GRD		100			
	GRD		136			
	GRD		137			
	GRD		140			
	GRD		141			
	GRD		200			
	GRD		300			
RB12	IO		222	1/15	P/TB12	
RB13	IO		224	1/15	P/TB13	
RB18	IO		232	1/14	P/TB18	
RB19	IO		234	1/14	P/TB19	
RB2	IO		217	1/15	P/TB2	
RB22	IO		042	1/14	P/TB22	
RB23	IO		044	1/14	P/TB23	
RB24	IO		033	1/14	P/TB24	
RB25	IO		035	1/14	P/TB25	
RB28	IO		243	1/14	P/TB28	
RB29	IO		245	1/14	P/TB29	
RB3	IO		219	1/15	P/TB3	
RB32	IO		017	1/21	P/TB32	
RB33	IO		019	1/18	P/TB33	
RB36	IO		221	1/21	P/TB36	
RB37	IO		223	1/18	P/TB37	
RB42	IO		218	1/18	P/TB42	
RB43	IO		220	1/21	P/TB43	
RB46	IO		022	1/18	P/TB46	
RB47	IO		024	1/21	P/TB47	
RB48	IO		052	1/18	P/TB48	
RB49	IO		034	1/21	P/TB49	
RB52	IO		242	1/18	P/TB52	
RB53	IO		244	1/21	P/TB53	

SYMBOL NO. 27 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG3	04-136	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RB58	IO		233		1/21	P/TB58
RB59	IO		235		1/18	P/TB59
RB6	IO		021		1/15	P/TB6
RB62	IO		043		1/21	P/TB62
RB63	IO		045		1/18	P/TB63
RB7	IO		023		1/15	P/TB7
RB8	IO		018		1/15	P/TB8
RB9	IO		020		1/15	P/TB9
RMTSRT	IO		103		1/14	
R1100	IO		010		1/25	P/T1100
R1101	IO		011		1/25	P/T1101
R1102	IO		213		1/25	P/T1102
R1103	IO		215		1/25	P/T1103
R1110	IO		014		1/25	P/T1110
R1111	IO		016		1/25	P/T1111
R1112	IO		210		1/25	P/T1112
R1113	IO		212		1/25	P/T1113
R1120	IO		013		1/25	
R1121	IO		015		1/25	P/T1121
R1122	IO		209		1/25	
R1123	IO		211		1/25	
R1130	IO		009		1/25	
R1131	IO		012		1/25	
R1132	IO		214		1/25	
R1133	IO		216		1/25	
R1140	IO		353		1/25	P/T1140
R1141	IO		351		1/25	P/T1141
R1142	IO		349		1/25	P/T1142
R1143	IO		347		1/25	P/T1143
R1150	IO		152		1/25	P/T1150
R1151	IO		150		1/25	P/T1151
R1152	IO		148		1/25	P/T1152
R1153	IO		146		1/25	P/T1153
R1160	IO		153		1/25	P/T1160
R1161	IO		151		1/25	P/T1161
R1162	IO		149		1/25	P/T1162
R1163	IO		147		1/25	
R1170	IO		352		1/25	P/T1170
R1171	IO		350		1/25	P/T1171
R1172	IO		348		1/25	
R1173	IO		346		1/25	
TB12	IO		322		1/15	P/RBTZ
TB13	IO		324		1/15	P/RB13
TB18	IO		332		1/14	P/RB18
TB19	IO		334		1/14	P/RB19
TB2	IO		317		1/15	P/RB2
TB22	IO		142		1/14	P/RB22
TB23	IO		144		1/14	P/RB23
TB24	IO		133		1/14	P/RB24
TB25	IO		135		1/14	P/RB25

PART OF FS 1

SYMBOL(S) 25 26 27

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D052-02	B1CP

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 27 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG3	04-136	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
TB28	IO		343		1/14	P/RBZ8
TBZ9	IO		345		1/14	P/RBZ9
TB3	IO		319		1/15	P/RB3
TB32	IO		117		1/21	P/RB32
TB33	IO		119		1/18	P/RB33
TB36	IO		321		1/21	P/RB36
TB37	IO		323		1/18	P/RB37
TB42	IO		318		1/18	P/RB42
TB43	IO		320		1/21	P/RB43
TB46	IO		122		1/18	P/RB46
TB47	IO		124		1/21	P/RB47
TB48	IO		132		1/18	P/RB48
TB49	IO		134		1/21	P/RB49
TB52	IO		342		1/18	P/RB52
TB53	IO		344		1/21	P/RB53
TB58	IO		333		1/21	P/RB58
TB59	IO		335		1/18	P/RB59
TB6	IO		121		1/15	P/RB6
TB62	IO		143		1/21	P/RB62
TB63	IO		145		1/18	P/RB63
TB7	IO		123		1/15	P/RB7
TB8	IO		118		1/15	P/RB8
TB9	IO		120		1/15	P/RB9
T1100	IO		110		1/26	P/R1100
T1101	IO		111		1/26	P/R1101
T1102	IO		313		1/26	P/R1102
T1103	IO		315		1/26	P/R1103
T1110	IO		114		1/26	P/R1110
T1111	IO		116		1/26	P/R1111
T1112	IO		310		1/26	P/R111Z
T1113	IO		312		1/26	P/R1113
T1120	IO		113		1/26	
T1121	IO		115		1/26	P/R1121
T1122	IO		309		1/26	
T1123	IO		311		1/26	
T1130	IO		109		1/26	
T1131	IO		112		1/26	
T1132	IO		314		1/26	
T1133	IO		316		1/26	
T1140	IO		253		1/26	P/R1140
T1141	IO		251		1/26	P/R1141
T1142	IO		249		1/26	P/R1142
T1143	IO		247		1/26	P/R1143
T1150	IO		052		1/26	P/R1150
T1151	IO		050		1/26	P/R1151
T1152	IO		048		1/26	P/R1152
T1153	IO		046		1/26	P/R1153
T1160	IO		053		1/26	P/R1160
T1161	IO		051		1/26	P/R1161
T1162	IO		049		1/26	P/R1162
T1163	IO		047		1/26	
T1170	IO		252		1/26	P/R1170
T1171	IO		250		1/26	P/R1171
T1172	IO		248		1/26	
T1173	IO		246		1/26	
0ASWG11	IO		237		1/13	
0CLG1	IO		241		1/13	
0DG1	IO		338		1/13	

SYMBOL NO. 27 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG3	04-136	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0EG11	IO		341		1/13	
0PAG11	IO		236		1/13	
0SLG1	IO		240		1/13	
0256KHZ1	IO		038		1/12	
1ASWG11	IO		337		2/13	
1CLG1	IO		339		1/24	
1DG1	IO		238		1/24	
1EG11	IO		239		2/13	
1PAG11	IO		336		2/13	
1SLG1	IO		340		1/24	
1256KHZ1	IO		138		1/24	

SYMBOL NO. 28

TIP AND RING GRID 2 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-142	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R2000	IO		002		1/30 TO CAD 1 - AG	
R2001	IO		003		1/30 TO CAD 1 - AG	
R2002	IO		004		1/30 TO CAD 1 - AG	
R2003	IO		005		1/30 TO CAD 1 - AG	
R2010	IO		006		1/30 TO CAD 1 - AG	
R2011	IO		007		1/30 TO CAD 1 - AG	
R2012	IO		008		1/30 TO CAD 1 - AG	
R2013	IO		009		1/30 TO CAD 1 - AG	
R2020	IO		015		1/30 TO CAD 1 - AH	P/T2020
R2021	IO		016		1/30 TO CAD 1 - AH	
R2022	IO		017		1/30 TO CAD 1 - AH	P/T2022
R2023	IO		018		1/30 TO CAD 1 - AH	P/T2023
R2030	IO		019		1/30 TO CAD 1 - AH	P/T2030
R2031	IO		020		1/30 TO CAD 1 - AH	P/T2031
R2032	IO		021		1/30 TO CAD 1 - AH	P/T2032
R2033	IO		022		1/30 TO CAD 1 - AH	P/T2033
R2040	IO		034		1/30 TO CAD 1 - BA	
R2041	IO		035		1/30 TO CAD 1 - BA	
R2042	IO		036		1/30 TO CAD 1 - BA	
R2043	IO		037		1/30 TO CAD 1 - BA	
R2050	IO		038		1/30 TO CAD 1 - BA	

SYMBOL NO. 28 (CONT)

TIP AND RING GRID 2 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-14Z	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R2051	IO		039		1/30 TO CAD 1 - BA	
R2052	IO		040		1/30 TO CAD 1 - BA	
R2053	IO		041		1/30 TO CAD 1 - BA	
R2060	IO		047		1/30 TO CAD 1 - BB	
R2061	IO		048		1/30 TO CAD 1 - BB	
R2062	IO		049		1/30 TO CAD 1 - BB	
R2063	IO		050		1/30 TO CAD 1 - BB	P/T2063
R2070	IO		051		1/30 TO CAD 1 - BB	
R2071	IO		052		1/30 TO CAD 1 - BB	
R2072	IO		053		1/30 TO CAD 1 - BB	P/T2072
R2073	IO		054		1/30 TO CAD 1 - BB	P/T2073

SYMBOL NO. 29

TIP AND RING GRID 2 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-143	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T2000	IO		002		1/30 TO CAD 1 - AG	
T2001	IO		003		1/30 TO CAD 1 - AG	
T2002	IO		004		1/30 TO CAD 1 - AG	
T2003	IO		005		1/30 TO CAD 1 - AG	
T2010	IO		006		1/30 TO CAD 1 - AG	
T2011	IO		007		1/30 TO CAD 1 - AG	
T2012	IO		008		1/30 TO CAD 1 - AG	
T2013	IO		009		1/30 TO CAD 1 - AG	
T2020	IO		015		1/30 TO CAD 1 - AH	P/R2020
T2021	IO		016		1/30 TO CAD 1 - AH	
T2022	IO		017		1/30 TO CAD 1 - AH	P/R2022
T2023	IO		018		1/30 TO CAD 1 - AH	P/R2023
T2030	IO		019		1/30 TO CAD 1 - AH	P/R2030
T2031	IO		020		1/30 TO CAD 1 - AH	P/R2031
T2032	IO		021		1/30 TO CAD 1 - AH	P/R2032

SYMBOL NO. 29 (CONT)

TIP AND RING GRID 2 (4:1)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T2033	IO		022		1/30 TO CAD 1 - AH	P/R2033
T2040	IO		034		1/30 TO CAD 1 - BA	
T2041	IO		035		1/30 TO CAD 1 - BA	
T2042	IO		036		1/30 TO CAD 1 - BA	
T2043	IO		037		1/30 TO CAD 1 - BA	
T2050	IO		038		1/30 TO CAD 1 - BA	
T2051	IO		039		1/30 TO CAD 1 - BA	
T2052	IO		040		1/30 TO CAD 1 - BA	
T2053	IO		041		1/30 TO CAD 1 - BA	
T2060	IO		047		1/30 TO CAD 1 - BB	
T2061	IO		048		1/30 TO CAD 1 - BB	
T2062	IO		049		1/30 TO CAD 1 - BB	
T2063	IO		050		1/30 TO CAD 1 - BB	P/R2063
T2070	IO		051		1/30 TO CAD 1 - BB	
T2071	IO		052		1/30 TO CAD 1 - BB	
T2072	IO		053		1/30 TO CAD 1 - BB	P/R2072
T2073	IO		054		1/30 TO CAD 1 - BB	P/R2073

SYMBOL NO. 29

TIP AND RING GRID 2 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-143	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T2000	IO		002		1/30 TO CAD 1 - AG	
T2001	IO		003		1/30 TO CAD 1 - AG	
T2002	IO		004		1/30 TO CAD 1 - AG	
T2003	IO		005		1/30 TO CAD 1 - AG	
T2010	IO		006		1/30 TO CAD 1 - AG	
T2011	IO		007		1/30 TO CAD 1 - AG	
T2012	IO		008		1/30 TO CAD 1 - AG	
T2013	IO		009		1/30 TO CAD 1 - AG	
T2020	IO		015		1/30 TO CAD 1 - AH	P/R2020
T2021	IO		016		1/30 TO CAD 1 - AH	
T2022	IO		017		1/30 TO CAD 1 - AH	P/R2022
T2023	IO		018		1/30 TO CAD 1 - AH	P/R2023
T2030	IO		019		1/30 TO CAD 1 - AH	P/R2030
T2031	IO		020		1/30 TO CAD 1 - AH	P/R2031
T2032	IO		021		1/30 TO CAD 1 - AH	P/R2032

PART OF FS 1

SYMBOL(S) 27 28 29

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D052-02	B1CR

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 30

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG4	04-144	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V04	PWR		106		1/36	305
+300V05	PWR		006		1/36	305
+5V04	PWR		001		1/1	
+5V13	PWR		101		1/1	
-48RTN	GRD		055		1/18	
	GRD		056		1/18	
	GRD		155		1/18	
	GRD		156		1/18	
	GRD		203		1/18	
	GRD		204		1/18	
	GRD		206		1/18	
	GRD		207		1/18	
	GRD		208		1/18	
	GRD		255		1/18	
	GRD		256		1/18	
	GRD		301		1/18	
	GRD		302		1/18	
	GRD		303		1/18	
	GRD		304		1/18	
	GRD		306		1/18	
	GRD		307		1/18	
	GRD		308		1/18	
	GRD		355		1/18	
	GRD		356		1/18	
-48V4	PWR		004		1/30	
	PWR		003		1/33,1/49	
GRD04	GRD		000			
	GRD		036			
	GRD		037			
	GRD		100			
	GRD		136			
	GRD		137			
	GRD		140			
	GRD		141			
	GRD		200			
	GRD		300			
RB0	IO		017	1/15	P/TB0	
RB11	IO		220	1/15	P/TB11	
RB12	IO		222	1/15	P/TB12	
RB14	IO		022	1/15	P/TB14	
RB16	IO		032	1/14	P/TB16	
RB18	IO		232	1/14	P/TB18	
RB2	IO		217	1/15	P/TB2	
RB21	IO		244	1/14	P/TB21	
RB23	IO		044	1/14	P/TB23	
RB25	IO		035	1/14	P/TB25	
RB27	IO		235	1/14	P/TB27	
RB28	IO		243	1/14	P/TB28	
RB30	IO		043	1/14	P/TB30	
RB33	IO		019	1/18	P/TB33	
RB35	IO		219	1/18	P/TB35	
RB36	IO		221	1/21	P/TB36	
RB38	IO		021	1/21	P/TB38	
RB40	IO		018	1/18	P/TB40	
RB42	IO		218	1/18	P/TB42	
RB45	IO		224	1/21	P/TB45	
RB47	IO		024	1/21	P/TB47	
RB49	IO		034	1/21	P/TB49	
RB5	IO		223	1/15	P/TB5	
RB51	IO		234	1/21	P/TB51	

SYMBOL NO. 30 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG4	04-144	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RB52	IO		242		1/18	P/TB52
RB54	IO		042		1/18	P/TB54
RB56	IO		033		1/21	P/TB56
RB58	IO		233		1/21	P/TB58
RB61	IO		245		1/18	P/TB61
RB63	IO		045		1/18	P/TB63
RB7	IO		023		1/15	P/TB7
RB9	IO		020		1/15	P/TB9
RMTSRT	IO		103		1/14	
R2000	IO		010		1/28	P/T2000
R2001	IO		011		1/28	P/T2001
R2002	IO		213		1/28	P/T2002
R2003	IO		215		1/28	P/T2003
R2010	IO		014		1/28	P/T2010
R2011	IO		016		1/28	P/T2011
R2012	IO		210		1/28	P/T2012
R2013	IO		212		1/28	P/T2013
R2020	IO		013		1/28	
R2021	IO		015		1/28	P/T2021
R2022	IO		209		1/28	
R2023	IO		211		1/28	
R2030	IO		009		1/28	
R2031	IO		012		1/28	
R2032	IO		214		1/28	
R2033	IO		216		1/28	
R2040	IO		353		1/28	P/T2040
R2041	IO		351		1/28	P/T2041
R2042	IO		349		1/28	P/T2042
R2043	IO		347		1/28	P/T2043
R2050	IO		152		1/28	P/T2050
R2051	IO		150		1/28	P/T2051
R2052	IO		148		1/28	P/T2052
R2053	IO		146		1/28	P/T2053
R2060	IO		153		1/28	P/T2060
R2061	IO		151		1/28	P/T2061
R2062	IO		149		1/28	P/T2062
R2063	IO		147		1/28	
R2070	IO		352		1/28	P/T2070
R2071	IO		350		1/28	P/T2071
R2072	IO		348		1/28	
R2073	IO		346		1/28	
TB0	IO		117		1/15	P/RB0
TB11	IO		320		1/15	P/RB11
TB12	IO		322		1/15	P/RB12
TB14	IO		122		1/15	P/RB14
TB16	IO		132		1/14	P/RB16
TB18	IO		332		1/14	P/RB18
TB2	IO		317		1/15	P/RB2
TB21	IO		344		1/14	P/RB21
TB23	IO		144		1/14	P/RB23
TB25	IO		135		1/14	P/RB25
TB27	IO		335		1/14	P/RB27
TB28	IO		343		1/14	P/RB28
TB30	IO		143		1/14	P/RB30
TB33	IO		119		1/18	P/RB33
TB35	IO		319		1/18	P/RB35
TB36	IO		321		1/21	P/RB36
TB38	IO		121		1/21	P/RB38
TB40	IO		118		1/18	P/RB40
TB42	IO		318		1/18	P/RB42

SYMBOL NO. 30 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG4	04-144	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
TB45	IO		324		1/21	P/RB45
TB47	IO		124		1/21	P/RB47
TB49	IO		134		1/21	P/RB49
TB5	IO		323		1/15	P/RB5
TB51	IO		334		1/21	P/RB51
TB52	IO		342		1/18	P/RB52
TB54	IO		142		1/18	P/RB54
TB56	IO		133		1/21	P/RB56
TB58	IO		333		1/21	P/RB58
TB61	IO		345		1/18	P/RB61
TB63	IO		145		1/18	P/RB63
TB7	IO		123		1/15	P/RB7
TB9	IO		120		1/15	P/RB9
T2000	IO		110		1/29	P/R2000
T2001	IO		111		1/29	P/R2001
T2002	IO		313		1/29	P/R2002
T2003	IO		315		1/29	P/R2003
T2010	IO		114		1/29	P/R2010
T2011	IO		116		1/29	P/R2011
T2012	IO		310		1/29	P/R2012
T2013	IO		312		1/29	P/R2013
T2020	IO		113		1/29	
T2021	IO		115		1/29	P/R2021
T2022	IO		309		1/29	
T2023	IO		311		1/29	
T2030	IO		109		1/29	
T2031	IO		112		1/29	
T2032	IO		314		1/29	
T2033	IO		316		1/29	
T2040	IO		253		1/29	P/R2040
T2041	IO		251		1/29	P/R2041
T2042	IO		249		1/29	P/R2042
T2043	IO		247		1/29	P/R2043
T2050	IO		052		1/29	P/R2050
T2051	IO		050		1/29	P/R2051
T2052	IO		048		1/29	P/R2052
T2053	IO		046		1/29	P/R2053
T2060	IO		053		1/29	P/R2060
T2061	IO		051		1/29	P/R2061
T2062	IO		049		1/29	P/R2062
T2063	IO		047		1/29	
T2070	IO		252		1/29	P/R2070
T2071	IO		250		1/29	P/R2071
T2072	IO		248		1/29	
T2073	IO		246		1/29	
0ASWG20	IO		237		1/13	
0CLG2	IO		241		1/13	
0DG2	IO		338		1/13	
0EG20	IO		341		1/13	
0PAG20	IO		236		1/13	
0SLG2	IO		240		1/13	
0256KHZ2	IO		038		1/12	
1ASWG20	IO		337		2/13	
1CLG2	IO		339		1/33,2/13	
1DG2	IO		238		1/33,2/13	
1EG20	IO		239		2/13	
1PAG20	IO		336		2/13	
1SLG2	IO		340		1/33,2/13	
1256KHZ2	IO		138		1/33,2/12	

PART OF FS 1
SYMBOL(S) 30

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D052-02	B1CT

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 31

TIP AND RING GRID 2 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-150	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R2100	IO		002		1/33 TO CAD 1 - AE	
R2101	IO		003		1/33 TO CAD 1 - AE	
R2102	IO		004		1/33 TO CAD 1 - AE	
R2103	IO		005		1/33 TO CAD 1 - AE	
R2110	IO		006		1/33 TO CAD 1 - AE	
R2111	IO		007		1/33 TO CAD 1 - AE	
R2112	IO		008		1/33 TO CAD 1 - AE	
R2113	IO		009		1/33 TO CAD 1 - AE	
R2120	IO		015		1/33 TO CAD 1 - AF	P/T2120
R2121	IO		016		1/33 TO CAD 1 - AF	
R2122	IO		017		1/33 TO CAD 1 - AF	P/T2122
R2123	IO		018		1/33 TO CAD 1 - AF	P/T2123
R2130	IO		019		1/33 TO CAD 1 - AF	P/T2130
R2131	IO		020		1/33 TO CAD 1 - AF	P/T2131
R2132	IO		021		1/33 TO CAD 1 - AF	P/T2132
R2133	IO		022		1/33 TO CAD 1 - AF	P/T2133
R2140	IO		034		1/33 TO CAD 1 - AY	
R2141	IO		035		1/33 TO CAD 1 - AY	
R2142	IO		036		1/33 TO CAD 1 - AY	
R2143	IO		037		1/33 TO CAD 1 - AY	
R2150	IO		038		1/33 TO CAD 1 - AY	
R2151	IO		039		1/33 TO CAD 1 - AY	
R2152	IO		040		1/33 TO CAD 1 - AY	
R2153	IO		041		1/33 TO CAD 1 - AY	
R2160	IO		047		1/33 TO CAD 1 - AZ	
R2161	IO		048		1/33 TO CAD 1 - AZ	
R2162	IO		049		1/33 TO CAD 1 - AZ	
R2163	IO		050		1/33 TO CAD 1 - AZ	P/T2163
R2170	IO		051		1/33 TO CAD 1 - AZ	
R2171	IO		052		1/33 TO CAD 1 - AZ	
R2172	IO		053		1/33 TO CAD 1 - AZ	P/T2172
R2173	IO		054		1/33 TO CAD 1 - AZ	P/T2173

SYMBOL NO. 32

TIP AND RING GRID 2 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-151	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T2100	IO		002		1/33 TO CAD 1 - AE	
T2101	IO		003		1/33 TO CAD 1 - AE	
T2102	IO		004		1/33 TO CAD 1 - AE	
T2103	IO		005		1/33 TO CAD 1 - AE	
T2110	IO		006		1/33 TO CAD 1 - AE	
T2111	IO		007		1/33 TO CAD 1 - AE	
T2112	IO		008		1/33 TO CAD 1 - AE	
T2113	IO		009		1/33 TO CAD 1 - AE	
T2120	IO		015		1/33 TO CAD 1 - AF	P/R2120
T2121	IO		016		1/33 TO CAD 1 - AF	
T2122	IO		017		1/33 TO CAD 1 - AF	P/R2122
T2123	IO		018		1/33 TO CAD 1 - AF	P/R2123
T2130	IO		019		1/33 TO CAD 1 - AF	P/R2130
T2131	IO		020		1/33 TO CAD 1 - AF	P/R2131
T2132	IO		021		1/33 TO CAD 1 - AF	P/R2132
T2133	IO		022		1/33 TO CAD 1 - AF	P/R2133
T2140	IO		034		1/33 TO CAD 1 - AY	
T2141	IO		035		1/33 TO CAD 1 - AY	
T2142	IO		036		1/33 TO CAD 1 - AY	
T2143	IO		037		1/33 TO CAD 1 - AY	
T2150	IO		038		1/33 TO CAD 1 - AY	
T2151	IO		039		1/33 TO CAD 1 - AY	
T2152	IO		040		1/33 TO CAD 1 - AY	
T2153	IO		041		1/33 TO CAD 1 - AY	
T2160	IO		047		1/33 TO CAD 1 - AZ	
T2161	IO		048		1/33 TO CAD 1 - AZ	
T2162	IO		049		1/33 TO CAD 1 - AZ	
T2163	IO		050		1/33 TO CAD 1 - AZ	P/R2163
T2170	IO		051		1/33 TO CAD 1 - AZ	
T2171	IO		052		1/33 TO CAD 1 - AZ	
T2172	IO		053		1/33 TO CAD 1 - AZ	P/R2172
T2173	IO		054		1/33 TO CAD 1 - AZ	P/R2173

SYMBOL NO. 33

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG5	04-152	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V06	PWR		106		1/39	305
+300V07	PWR		006		1/39	305
+5V04	PWR		001		1/1	
+5V13	PWR		101		1/1	
-48RTN	GRD		055		1/18	
	GRD		056		1/18	
	GRD		155		1/18	
	GRD		156		1/18	
	GRD		203		1/18	
	GRD		204		1/18	
	GRD		206		1/18	
	GRD		207		1/18	
	GRD		208		1/18	
	GRD		255		1/18	
	GRD		256		1/18	
	GRD		301		1/18	
	GRD		302		1/18	
	GRD		303		1/18	
	GRD		304		1/18	
	GRD		306		1/18	
	GRD		307		1/18	
	GRD		308		1/18	
	GRD		355		1/18	
	GRD		356		1/18	
-48V4	PWR		003		1/30	
	PWR		004		1/30	
GRD04	GRD		000			
	GRD		036			
	GRD		037			
	GRD		100			
	GRD		136			
	GRD		137			
	GRD		140			
	GRD		141			
	GRD		200			
	GRD		300			
RB1	IO		019		1/15	P/TB1
RB10	IO		218		1/15	P/TB10
RB13	IO		224		1/15	P/TB13
RB15	IO		024		1/15	P/TB15
RB17	IO		034		1/14	P/TB17
RB19	IO		234		1/14	P/TB19
RB20	IO		242		1/14	P/TB20
RB22	IO		042		1/14	P/TB22
RB24	IO		033		1/14	P/TB24
RB26	IO		233		1/14	P/TB26
RB29	IO		245		1/14	P/TB29
RB3	IO		219		1/15	P/TB3
RB31	IO		045		1/14	P/TB31
RB32	IO		017		1/21	P/TB32
RB34	IO		217		1/21	P/TB34
RB37	IO		223		1/18	P/TB37
RB39	IO		023		1/18	P/TB39
RB4	IO		221		1/15	P/TB4
RB41	IO		020		1/21	P/TB41
RB43	IO		220		1/21	P/TB43
RB44	IO		222		1/18	P/TB44
RB46	IO		022		1/18	P/TB46
RB48	IO		032		1/18	P/TB48
RB50	IO		232		1/18	P/TB50

SYMBOL NO. 33 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG5	04-152	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RB53	IO		244		1/21	P/TB53
RB55	IO		044		1/21	P/TB55
RB57	IO		035		1/18	P/TB57
RB59	IO		235		1/18	P/TB59
RB6	IO		021		1/15	P/TB6
RB60	IO		243		1/21	P/TB60
RB62	IO		043		1/21	P/TB62
RB8	IO		018		1/15	P/TB8
RMTSRT	IO		103		1/14	
R2100	IO		010		1/31	P/T2100
R2101	IO		011		1/31	P/T2101
R2102	IO		213		1/31	P/T2102
R2103	IO		215		1/31	P/T2103
R2110	IO		014		1/31	P/T2110
R2111	IO		016		1/31	P/T2111
R2112	IO		210		1/31	P/T2112
R2113	IO		212		1/31	P/T2113
R2120	IO		013		1/31	
R2121	IO		015		1/31	P/T2121
R2122	IO		209		1/31	
R2123	IO		211		1/31	
R2130	IO		009		1/31	
R2131	IO		012		1/31	
R2132	IO		214		1/31	
R2133	IO		216		1/31	
R2140	IO		353		1/31	P/T2140
R2141	IO		351		1/31	P/T2141
R2142	IO		349		1/31	P/T2142
R2143	IO		347		1/31	P/T2143
R2150	IO		152		1/31	P/T2150
R2151	IO		150		1/31	P/T2151
R2152	IO		148		1/31	P/T2152
R2153	IO		146		1/31	P/T2153
R2160	IO		153		1/31	P/T2160
R2161	IO		151		1/31	P/T2161
R2162	IO		149		1/31	P/T2162
R2163	IO		147		1/31	
R2170	IO		352		1/31	P/T2170
R2171	IO		350		1/31	P/T2171
R2172	IO		348		1/31	
R2173	IO		346		1/31	
TB1	IO		119		1/15	P/RB1
TB10	IO		318		1/15	P/RB10
TB13	IO		324		1/15	P/RB13
TB15	IO		124		1/15	P/RB15
TB17	IO		134		1/14	P/RB17
TB19	IO		334		1/14	P/RB19
TB20	IO		342		1/14	P/RB20
TB22	IO		142		1/14	P/RB22
TB24	IO		133		1/14	P/RB24

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SYMBOL(S) 31 32 33

LINE UNIT, MODEL 2	DWG SIZE D2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D052-02	B1CU

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 33 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG5	04-152	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
TB26	IO		333		1/14	P/RB26
TB29	IO		345		1/14	P/RB29
TB3	IO		319		1/15	P/RB3
TB31	IO		145		1/14	P/RB31
TB32	IO		117		1/21	P/RB32
TB34	IO		317		1/21	P/RB34
TB37	IO		323		1/18	P/RB37
TB39	IO		123		1/18	P/RB39
TB4	IO		321		1/15	P/RB4
TB41	IO		120		1/21	P/RB41
TB43	IO		320		1/21	P/RB43
TB44	IO		322		1/18	P/RB44
TB46	IO		122		1/18	P/RB46
TB48	IO		132		1/18	P/RB48
TB50	IO		332		1/18	P/RB50
TB53	IO		344		1/21	P/RB53
TB55	IO		144		1/21	P/RB55
TB57	IO		135		1/18	P/RB57
TB59	IO		335		1/18	P/RB59
TB6	IO		121		1/15	P/RB6
TB60	IO		343		1/21	P/RB60
TB62	IO		143		1/21	P/RB62
TB8	IO		118		1/15	P/RB8
T2100	IO		110		1/32	P/R2100
T2101	IO		111		1/32	P/R2101
T2102	IO		313		1/32	P/R2102
T2103	IO		315		1/32	P/R2103
T2110	IO		114		1/32	P/R2110
T2111	IO		116		1/32	P/R2111
T2112	IO		310		1/32	P/R2112
T2113	IO		312		1/32	P/R2113
T2120	IO		113		1/32	
T2121	IO		115		1/32	P/R2121
T2122	IO		309		1/32	
T2123	IO		311		1/32	
T2130	IO		109		1/32	
T2131	IO		112		1/32	
T2132	IO		314		1/32	
T2133	IO		316		1/32	
T2140	IO		253		1/32	P/R2140
T2141	IO		251		1/32	P/R2141
T2142	IO		249		1/32	P/R2142
T2143	IO		247		1/32	P/R2143
T2150	IO		052		1/32	P/R2150
T2151	IO		050		1/32	P/R2151
T2152	IO		048		1/32	P/R2152
T2153	IO		046		1/32	P/R2153
T2160	IO		053		1/32	P/R2160
T2161	IO		051		1/32	P/R2161
T2162	IO		049		1/32	P/R2162
T2163	IO		047		1/32	
T2170	IO		252		1/32	P/R2170
T2171	IO		250		1/32	P/R2171
T2172	IO		248		1/32	
T2173	IO		246		1/32	
0ASWG21	IO		237		1/13	
0CLG2	IO		241		1/13	
0DG2	IO		338		1/13	

SYMBOL NO. 33 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG5	04-152	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0EG21	IO		341		1/13	
0PAG21	IO		236		1/13	
0SLG2	IO		240		1/13	
0256KHZ2	IO		038		1/12	
1ASWG21	IO		337		2/13	
1CLG2	IO		339		1/30	
1DG2	IO		238		1/30	
1EG21	IO		239		2/13	
1PAG21	IO		336		2/13	
1SLG2	IO		340		1/30	
1256KHZ2	IO		138		1/30	

SYMBOL NO. 34

TIP AND RING GRID 3 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-158	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R3000	IO		002		1/36 TO CAD 1 - AC	
R3001	IO		003		1/36 TO CAD 1 - AC	
R3002	IO		004		1/36 TO CAD 1 - AC	
R3003	IO		005		1/36 TO CAD 1 - AC	
R3010	IO		006		1/36 TO CAD 1 - AC	
R3011	IO		007		1/36 TO CAD 1 - AC	
R3012	IO		008		1/36 TO CAD 1 - AC	
R3013	IO		009		1/36 TO CAD 1 - AC	
R3020	IO		015		1/36 TO CAD 1 - AD	P/T3020
R3021	IO		016		1/36 TO CAD 1 - AD	
R3022	IO		017		1/36 TO CAD 1 - AD	P/T3022
R3023	IO		018		1/36 TO CAD 1 - AD	P/T3023
R3030	IO		019		1/36 TO CAD 1 - AD	P/T3030
R3031	IO		020		1/36 TO CAD 1 - AD	P/T3031
R3032	IO		021		1/36 TO CAD 1 - AD	P/T3032
R3033	IO		022		1/36 TO CAD 1 - AD	P/T3033
R3040	IO		034		1/36 TO CAD 1 - AH	
R3041	IO		035		1/36 TO CAD 1 - AH	
R3042	IO		036		1/36 TO CAD 1 - AH	
R3043	IO		037		1/36 TO CAD 1 - AH	
R3050	IO		038		1/36 TO CAD 1 - AH	

SYMBOL NO. 34 (CONT)

TIP AND RING GRID 3 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-158	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R3051	IO		039		1/36 TO CAD 1 - AW	
R3052	IO		040		1/36 TO CAD 1 - AW	
R3053	IO		041		1/36 TO CAD 1 - AW	
R3060	IO		047		1/36 TO CAD 1 - AX	
R3061	IO		048		1/36 TO CAD 1 - AX	
R3062	IO		049		1/36 TO CAD 1 - AX	
R3063	IO		050		1/36 TO CAD 1 - AX	P/T3063
R3070	IO		051		1/36 TO CAD 1 - AX	
R3071	IO		052		1/36 TO CAD 1 - AX	
R3072	IO		053		1/36 TO CAD 1 - AX	P/T3072
R3073	IO		054		1/36 TO CAD 1 - AX	P/T3073

SYMBOL NO. 35

TIP AND RING GRID 3 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-159	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T3000	IO		002		1/36 TO CAD 1 - AC	
T3001	IO		003		1/36 TO CAD 1 - AC	
T3002	IO		004		1/36 TO CAD 1 - AC	
T3003	IO		005		1/36 TO CAD 1 - AC	
T3010	IO		006		1/36 TO CAD 1 - AC	
T3011	IO		007		1/36 TO CAD 1 - AC	
T3012	IO		008		1/36 TO CAD 1 - AC	
T3013	IO		009		1/36 TO CAD 1 - AC	
T3020	IO		015		1/36 TO CAD 1 - AD	P/R3020
T3021	IO		016		1/36 TO CAD 1 - AD	
T3022	IO		017		1/36 TO CAD 1 - AD	P/R3022
T3023	IO		018		1/36 TO CAD 1 - AD	P/R3023
T3030	IO		019		1/36 TO CAD 1 - AD	P/R3030
T3031	IO		020		1/36 TO CAD 1 - AD	P/R3031
T3032	IO		021		1/36 TO CAD 1 - AD	P/R3032

SYMBOL NO. 35 (CONT)

TIP AND RING GRID 3 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-159	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T3033	IO		022		1/36 TO CAD 1 - AD	P/R3033
T3040	IO		034		1/36 TO CAD 1 - AW	
T3041	IO		035		1/36 TO CAD 1 - AW	
T3042	IO		036		1/36 TO CAD 1 - AW	
T3043	IO		037		1/36 TO CAD 1 - AW	
T3050	IO		038		1/36 TO CAD 1 - AW	
T3051	IO		039		1/36 TO CAD 1 - AW	
T3052	IO		040		1/36 TO CAD 1 - AW	
T3053	IO		041		1/36 TO CAD 1 - AW	
T3060	IO		047		1/36 TO CAD 1 - AX	
T3061	IO		048		1/36 TO CAD 1 - AX	
T3062	IO		049		1/36 TO CAD 1 - AX	
T3063	IO		050		1/36 TO CAD 1 - AX	P/R3063
T3070	IO		051		1/36 TO CAD 1 - AX	
T3071	IO		052		1/36 TO CAD 1 - AX	
T3072	IO		053		1/36 TO CAD 1 - AX	P/R3072
T3073	IO		054		1/36 TO CAD 1 - AX	P/R3073

PART OF FS 1

SYMBOL(S) 33 34 35

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D052-02	B1CV

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 36

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG6	04-160	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V04	PWR		006		1/30	305
+300V05	PWR		106		1/30	305
+5V04	PWR		001		1/1	
+5V13	PWR		101		1/1	
-48RTN	GRD		055		1/18	
	GRD		056		1/18	
	GRD		155		1/18	
	GRD		156		1/18	
	GRD		203		1/18	
	GRD		204		1/18	
	GRD		206		1/18	
	GRD		207		1/18	
	GRD		208		1/18	
	GRD		255		1/18	
	GRD		256		1/18	
	GRD		301		1/18	
	GRD		302		1/18	
	GRD		303		1/18	
	GRD		304		1/18	
	GRD		306		1/18	
	GRD		307		1/18	
	GRD		308		1/18	
	GRD		355		1/18	
	GRD		356		1/18	
-48V5	PWR		003		1/36	
	PWR		004		1/39,1/51	
GRD04	GRD		000			
	GRD		036			
	GRD		037			
	GRD		100			
	GRD		136			
	GRD		137			
	GRD		140			
	GRD		141			
	GRD		200			
	GRD		300			
RB0	IO		017		1/15	
RB10	IO		218		1/15	
RB12	IO		222		1/15	
RB15	IO		024		1/15	
RB16	IO		032		1/14	P/TB16
RB19	IO		234		1/14	P/TB19
RB21	IO		244		1/14	
RB22	IO		042		1/14	
RB25	IO		035		1/14	
RB26	IO		233		1/14	
RB28	IO		243		1/14	
RB3	IO		219		1/15	
RB31	IO		045		1/14	
RB33	IO		019		1/18	
RB34	IO		217		1/21	
RB36	IO		221		1/21	
RB39	IO		023		1/18	
RB40	IO		018		1/18	
RB43	IO		220		1/21	
RB45	IO		224		1/21	
RB46	IO		022		1/18	
RB49	IO		034		1/21	
RB5	IO		223		1/15	
RB50	IO		232		1/18	

SYMBOL NO. 36 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG6	04-160	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RB52	IO		242		1/18	
RB55	IO		044		1/21	
RB56	IO		033		1/21	P/TB56
RB59	IO		235		1/18	P/TB59
RB6	IO		021		1/15	
RB61	IO		245		1/18	P/TB61
RB62	IO		043		1/21	P/TB62
RB9	IO		020		1/15	
RMTSRT	IO		103		1/14	
R3000	IO		010		1/34	P/T3000
R3001	IO		011		1/34	P/T3001
R3002	IO		213		1/34	P/T3002
R3003	IO		215		1/34	P/T3003
R3010	IO		014		1/34	P/T3010
R3011	IO		016		1/34	P/T3011
R3012	IO		210		1/34	P/T3012
R3013	IO		212		1/34	P/T3013
R3020	IO		013		1/34	
R3021	IO		015		1/34	P/T3021
R3022	IO		209		1/34	
R3023	IO		211		1/34	
R3030	IO		009		1/34	
R3031	IO		012		1/34	
R3032	IO		214		1/34	
R3033	IO		216		1/34	
R3040	IO		353		1/34	P/T3040
R3041	IO		351		1/34	P/T3041
R3042	IO		349		1/34	P/T3042
R3043	IO		347		1/34	P/T3043
R3050	IO		152		1/34	P/T3050
R3051	IO		150		1/34	P/T3051
R3052	IO		148		1/34	P/T3052
R3053	IO		146		1/34	P/T3053
R3060	IO		153		1/34	P/T3060
R3061	IO		151		1/34	P/T3061
R3062	IO		149		1/34	P/T3062
R3063	IO		147		1/34	
R3070	IO		352		1/34	P/T3070
R3071	IO		350		1/34	P/T3071
R3072	IO		348		1/34	
R3073	IO		346		1/34	
TB0	IO		117		1/15	
TB10	IO		318		1/15	
TB12	IO		322		1/15	
TB15	IO		124		1/15	
TB16	IO		132		1/14	P/RB16
TB19	IO		334		1/14	P/RB19
TB21	IO		344		1/14	
TB22	IO		142		1/14	
TB25	IO		135		1/14	
TB26	IO		333		1/14	
TB28	IO		343		1/14	
TB3	IO		119		1/15	
TB31	IO		145		1/14	
TB33	IO		119		1/18	
TB34	IO		317		1/21	
TB36	IO		321		1/21	
TB39	IO		123		1/18	
TB40	IO		118		1/18	
TB43	IO		320		1/21	

SYMBOL NO. 36 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG6	04-160	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
TB45	IO		324		1/21	
TB46	IO		122		1/18	
TB49	IO		134		1/21	
TB5	IO		323		1/15	
TB50	IO		332		1/18	
TB52	IO		342		1/18	
TB55	IO		144		1/21	
TB56	IO		133		1/21	P/RB56
TB59	IO		335		1/18	P/RB59
TB6	IO		121		1/15	
TB61	IO		345		1/18	P/RB61
TB62	IO		143		1/21	P/RB62
TB9	IO		120		1/15	
T3000	IO		110		1/35	P/R3000
T3001	IO		111		1/35	P/R3001
T3002	IO		313		1/35	P/R3002
T3003	IO		315		1/35	P/R3003
T3010	IO		114		1/35	P/R3010
T3011	IO		116		1/35	P/R3011
T3012	IO		310		1/35	P/R3012
T3013	IO		312		1/35	P/R3013
T3020	IO		113		1/35	
T3021	IO		115		1/35	P/R3021
T3022	IO		309		1/35	
T3023	IO		311		1/35	
T3030	IO		109		1/35	
T3031	IO		112		1/35	
T3032	IO		314		1/35	
T3033	IO		316		1/35	
T3040	IO		253		1/35	P/R3040
T3041	IO		251		1/35	P/R3041
T3042	IO		249		1/35	P/R3042
T3043	IO		247		1/35	P/R3043
T3050	IO		052		1/35	P/R3050
T3051	IO		050		1/35	P/R3051
T3052	IO		048		1/35	P/R3052
T3053	IO		046		1/35	P/R3053
T3060	IO		053		1/35	P/R3060
T3061	IO		051		1/35	P/R3061
T3062	IO		049		1/35	P/R3062
T3063	IO		047		1/35	
T3070	IO		252		1/35	P/R3070
T3071	IO		250		1/35	P/R3071
T3072	IO		248		1/35	
T3073	IO		246		1/35	
0ASWG30	IO		237		1/13	
0CLG3	IO		241		1/13	
0DG3	IO		338		1/13	
0EG30	IO		341		1/13	
0PAG30	IO		236		1/13	
0SLG3	IO		240		1/13	
0256KHZ3	IO		038		1/12	
1ASWG30	IO		337		2/13	
1CLG3	IO		339		1/39,2/13	
1DG3	IO		238		1/39,2/13	
1EG30	IO		239		2/13	
1PAG30	IO		336		2/13	
1SLG3	IO		340		1/39,2/13	
1256KHZ3	IO		138		1/39,2/12	

PART OF FS 1

SYMBOL(S) 36

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D052-02	B1CW

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 37

TIP AND RING GRID 3 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-166	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R3100	IO		002		1/39 TO CAD 1 - AA	
R3101	IO		003		1/39 TO CAD 1 - AA	
R3102	IO		004		1/39 TO CAD 1 - AA	
R3103	IO		005		1/39 TO CAD 1 - AA	
R3110	IO		006		1/39 TO CAD 1 - AA	
R3111	IO		007		1/39 TO CAD 1 - AA	
R3112	IO		008		1/39 TO CAD 1 - AA	
R3113	IO		009		1/39 TO CAD 1 - AA	
R3120	IO		015		1/39 TO CAD 1 - AB	P/T3120
R3121	IO		016		1/39 TO CAD 1 - AB	
R3122	IO		017		1/39 TO CAD 1 - AB	P/T3122
R3123	IO		018		1/39 TO CAD 1 - AB	P/T3123
R3130	IO		019		1/39 TO CAD 1 - AB	P/T3130
R3131	IO		020		1/39 TO CAD 1 - AB	P/T3131
R3132	IO		021		1/39 TO CAD 1 - AB	P/T3132
R3133	IO		022		1/39 TO CAD 1 - AB	P/T3133
R3140	IO		034		1/39 TO CAD 1 - AU	
R3141	IO		035		1/39 TO CAD 1 - AU	
R3142	IO		036		1/39 TO CAD 1 - AU	
R3143	IO		037		1/39 TO CAD 1 - AU	
R3150	IO		038		1/39 TO CAD 1 - AU	
R3151	IO		039		1/39 TO CAD 1 - AU	
R3152	IO		040		1/39 TO CAD 1 - AU	
R3153	IO		041		1/39 TO CAD 1 - AU	
R3160	IO		047		1/39 TO CAD 1 - AV	
R3161	IO		048		1/39 TO CAD 1 - AV	
R3162	IO		049		1/39 TO CAD 1 - AV	
R3163	IO		050		1/39 TO CAD 1 - AV	P/T3163
R3170	IO		051		1/39 TO CAD 1 - AV	
R3171	IO		052		1/39 TO CAD 1 - AV	
R3172	IO		053		1/39 TO CAD 1 - AV	P/T3172
R3173	IO		054		1/39 TO CAD 1 - AV	P/T3173

SYMBOL NO. 38

TIP AND RING GRID 3 (4:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	04-167	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T3100	IO		002		1/39 TO CAD 1 - AA	
T3101	IO		003		1/39 TO CAD 1 - AA	
T3102	IO		004		1/39 TO CAD 1 - AA	
T3103	IO		005		1/39 TO CAD 1 - AA	
T3110	IO		006		1/39 TO CAD 1 - AA	
T3111	IO		007		1/39 TO CAD 1 - AA	
T3112	IO		008		1/39 TO CAD 1 - AA	
T3113	IO		009		1/39 TO CAD 1 - AA	
T3120	IO		015		1/39 TO CAD 1 - AB	P/R3120
T3121	IO		016		1/39 TO CAD 1 - AB	
T3122	IO		017		1/39 TO CAD 1 - AB	P/R3122
T3123	IO		018		1/39 TO CAD 1 - AB	P/R3123
T3130	IO		019		1/39 TO CAD 1 - AB	P/R3130
T3131	IO		020		1/39 TO CAD 1 - AB	P/R3131
T3132	IO		021		1/39 TO CAD 1 - AB	P/R3132
T3133	IO		022		1/39 TO CAD 1 - AB	P/R3133
T3140	IO		034		1/39 TO CAD 1 - AU	
T3141	IO		035		1/39 TO CAD 1 - AU	
T3142	IO		036		1/39 TO CAD 1 - AU	
T3143	IO		037		1/39 TO CAD 1 - AU	
T3150	IO		038		1/39 TO CAD 1 - AU	
T3151	IO		039		1/39 TO CAD 1 - AU	
T3152	IO		040		1/39 TO CAD 1 - AU	
T3153	IO		041		1/39 TO CAD 1 - AU	
T3160	IO		047		1/39 TO CAD 1 - AV	
T3161	IO		048		1/39 TO CAD 1 - AV	
T3162	IO		049		1/39 TO CAD 1 - AV	
T3163	IO		050		1/39 TO CAD 1 - AV	P/R3163
T3170	IO		051		1/39 TO CAD 1 - AV	
T3171	IO		052		1/39 TO CAD 1 - AV	
T3172	IO		053		1/39 TO CAD 1 - AV	P/R3172
T3173	IO		054		1/39 TO CAD 1 - AV	P/R3173

SYMBOL NO. 39

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG7	04-168	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V06	PWR		006		1/33	305
+300V07	PWR		106		1/33	305
+5V04	PWR		001		1/1	
+5V13	PWR		101		1/1	
-48RTN	GRD		055		1/18	
	GRD		056		1/18	
	GRD		155		1/18	
	GRD		156		1/18	
	GRD		203		1/18	
	GRD		204		1/18	
	GRD		206		1/18	
	GRD		207		1/18	
	GRD		208		1/18	
	GRD		255		1/18	
	GRD		256		1/18	
	GRD		301		1/18	
	GRD		302		1/18	
	GRD		303		1/18	
	GRD		304		1/18	
	GRD		306		1/18	
	GRD		307		1/18	
	GRD		308		1/18	
	GRD		355		1/18	
	GRD		356		1/18	
-48V5	PWR		003		1/36	
	PWR		004		1/36	
GRD04	GRD		000			
	GRD		036			
	GRD		037			
	GRD		100			
	GRD		136			
	GRD		137			
	GRD		140			
	GRD		141			
	GRD		200			
	GRD		300			
RB1	IO		019		1/15	
RB11	IO		220		1/15	
RB13	IO		224		1/15	
RB14	IO		022		1/15	
RB17	IO		034		1/14	
RB18	IO		232		1/14	
RB2	IO		217		1/15	P/TB2
RB20	IO		242		1/14	
RB23	IO		044		1/14	
RB24	IO		033		1/14	
RB27	IO		235		1/14	
RB29	IO		245		1/14	
RB30	IO		043		1/14	
RB32	IO		017		1/21	
RB35	IO		219		1/18	
RB37	IO		223		1/18	
RB38	IO		021		1/21	
RB4	IO		221		1/15	P/TB4
RB41	IO		020		1/21	
RB42	IO		218		1/18	
RB44	IO		222		1/18	
RB47	IO		024		1/21	
RB48	IO		032		1/18	
RB51	IO		234		1/21	

SYMBOL NO. 39 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG7	04-168	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RB53	IO		244		1/21	P/TB53
RB54	IO		042		1/18	
RB57	IO		035		1/18	P/TB57
RB58	IO		233		1/21	P/TB58
RB60	IO		243		1/21	P/TB60
RB63	IO		045		1/18	P/TB63
RB7	IO		023		1/15	P/TB7
RB8	IO		018		1/15	
RMTSRT	IO		103		1/14	
R3100	IO		010		1/37	P/T3100
R3101	IO		011		1/37	P/T3101
R3102	IO		213		1/37	P/T3102
R3103	IO		215		1/37	P/T3103
R3110	IO		014		1/37	P/T3110
R3111	IO		016		1/37	P/T3111
R3112	IO		210		1/37	P/T3112
R3113	IO		212		1/37	P/T3113
R3120	IO		013		1/37	
R3121	IO		015		1/37	P/T3121
R3122	IO		209		1/37	
R3123	IO		211		1/37	
R3130	IO		009		1/37	
R3131	IO		012		1/37	
R3132	IO		214		1/37	
R3133	IO		216		1/37	
R3140	IO		353		1/37	P/T3140
R3141	IO		351		1/37	P/T3141
R3142	IO		349		1/37	P/T3142
R3143	IO		347		1/37	P/T3143
R3150	IO		152		1/37	P/T3150
R3151	IO		150		1/37	P/T3151
R3152	IO		148		1/37	P/T3152
R3153	IO		146		1/37	P/T3153
R3160	IO		153		1/37	P/T3160
R3161	IO		151		1/37	P/T3161
R3162	IO		149		1/37	P/T3162
R3163	IO		147		1/37	
R3170	IO		352		1/37	P/T3170
R3171	IO		350		1/37	P/T3171
R3172	IO		348		1/37	
R3173	IO		346		1/37	
TB1	IO		119		1/15	
TB11	IO		320		1/15	
TB13	IO		324		1/15	
TB14	IO		122		1/15	
TB17	IO		134		1/14	
TB18	IO		332		1/14	
TB2	IO		317		1/15	P/RB2
TB20	IO		342		1/14	
TB23	IO		144		1/14	

PART OF FS 1

SYMBOL(S) 37 38 39

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D052-02	B1CX

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 39 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG7	04-168	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
TB24	IO		133		1/14	
TB27	IO		335		1/14	
TB29	IO		345		1/14	
TB30	IO		143		1/14	
TB32	IO		117		1/21	
TB35	IO		319		1/18	
TB37	IO		323		1/18	
TB38	IO		121		1/21	
TB4	IO		321		1/15	P/RB4
TB41	IO		120		1/21	
TB42	IO		318		1/18	
TB44	IO		322		1/18	
TB47	IO		124		1/21	
TB48	IO		132		1/18	
TB51	IO		334		1/21	
TB53	IO		344		1/21	P/RB53
TB54	IO		142		1/18	
TB57	IO		135		1/18	P/RB57
TB58	IO		333		1/21	P/RB58
TB60	IO		343		1/21	P/RB60
TB63	IO		145		1/18	P/RB63
TB7	IO		123		1/15	P/RB7
TB8	IO		118		1/15	
T3100	IO		110		1/38	P/R3100
T3101	IO		111		1/38	P/R3101
T3102	IO		313		1/38	P/R3102
T3103	IO		315		1/38	P/R3103
T3110	IO		114		1/38	P/R3110
T3111	IO		116		1/38	P/R3111
T3112	IO		310		1/38	P/R3112
T3113	IO		312		1/38	P/R5113
T3120	IO		113		1/38	
T3121	IO		115		1/38	P/R3121
T3122	IO		309		1/38	
T3123	IO		311		1/38	
T3130	IO		109		1/38	
T3131	IO		112		1/38	
T3132	IO		314		1/38	
T3133	IO		316		1/38	
T3140	IO		253		1/38	P/R3140
T3141	IO		251		1/38	P/R3141
T3142	IO		249		1/38	P/R3142
T3143	IO		247		1/38	P/R3143
T3150	IO		052		1/38	P/R3150
T3151	IO		050		1/38	P/R3151
T3152	IO		048		1/38	P/R3152
T3153	IO		046		1/38	P/R3153
T3160	IO		053		1/38	P/R3160
T3161	IO		051		1/38	P/R3161
T3162	IO		049		1/38	P/R3162
T3163	IO		047		1/38	
T3170	IO		252		1/38	P/R3170
T3171	IO		250		1/38	P/R3171
T3172	IO		248		1/38	
T3173	IO		246		1/38	
0ASWG31	IO		237		1/13	
0CLG3	IO		241		1/13	
0DG3	IO		338		1/13	

SYMBOL NO. 39 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG7	04-168	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0EG31	IO		341		1/13	
0PAG31	IO		236		1/13	
0SLG3	IO		240		1/13	
0256KHZ3	IO		038		1/12	
1ASWG31	IO		237		2/13	
1CLG3	IO		379		1/36	
1DG3	IO		238		1/36	
1EG31	IO		239		2/13	
1PAG31	IO		336		2/13	
1SLG3	IO		340		1/36	
1256KHZ3	IO		138		1/36	

SYMBOL NO. 40

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	01-014	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRDLUG	GRD		OBO		1/42,1/52 1/53,1/54 1,55,2/40 2/42,2/44 2/45 TO CAD 1 - DD	

SYMBOL NO. 41

POWER LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	01-022	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48V0	PWR		OBO		1/1 TO CAD 1 - DC	

SYMBOL NO. 42

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	01-060	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRDLUG	GRD		OBO		1/40 TO CAD 1 - DD	

SYMBOL NO. 43

POWER LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	01-068	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48V1	PWR		OBO		1/5 TO CAD 1 - DC	

SYMBOL NO. 44

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	01-109	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48RTN	GRD		OBO		1/18 TO CAD 1 - DD	

SYMBOL NO. 45

POWER LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	01-120	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48V2	PWR		1BO		1/18 TO CAD 1 - DC	

SYMBOL NO. 46

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	01-125	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48RTN	GRD		OBO		1/18 TO CAD 1 - DD	

SYMBOL NO. 47

POWER LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	01-128	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48V3	PWR		3BO		1/24 TO CAD 1 - DC	

SYMBOL NO. 48

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	01-149	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48RTN	GRD		OBO		1/18 TO CAD 1 - DD	

PART OF FS 1

SYMBOL(S) 39 40 41 42 43 44 45 46 47 48

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D052-02	B1CY

PART OF FS 1

LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 49

POWER LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	01-157	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48V4	PWR		080		1/30 TO CAD 1 - DC	

SYMBOL NO. 50

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	01-165	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48RTN	GRD		080		1/18 TO CAD 1 - DD	

SYMBOL NO. 51

POWER LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	01-173	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48V5	PWR		080		1/36 TO CAD 1 - DC	

SYMBOL NO. 52

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	07-014	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRDLUG	GRD		057		1/40	

SYMBOL NO. 53

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	07-060	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRDLUG	GRD		057		1/40	

SYMBOL NO. 54

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	07-084	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRDLUG	GRD		057		1/40	

SYMBOL NO. 55

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	07-102	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRDLUG	GRD		057		1/40	

SYMBOL NO. 56

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	07-109	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48RTN	GRD		057		1/18	

SYMBOL NO. 57

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	07-125	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48RTN	GRD		057		1/18	

SYMBOL NO. 58

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	07-149	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48RTN	GRD		057		1/18	

SYMBOL NO. 59

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	07-165	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48RTN	GRD		057		1/18	

PART OF FS 1

SYMBOL(S) 49 50 51 52 53 54 55 56 57 58 59

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 2B
AT&T BELL LABORATORIES	SD-5D052-02	B1DA

PART OF FS 2

LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 1

SERVICE GROUP POWER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1POWER	13-008	494GB	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V04	PWR		015		1/1	
+5V13	PWR		018		1/1	
	PWR		044		1/1	
	PWR		045		1/1	
	PWR		046		1/1	
	PWR		047		1/1	
	PWR		048		1/1	
	PWR		049		1/1	
	PWR		050		1/1	
	PWR		051		1/1	
	PWR		052		1/1	
	PWR		053		1/1	
	PWR		054		1/1	
	PWR		055		1/1	
	PWR		056		1/1	
	PWR		118		1/1	
	PWR		144		1/1	
	PWR		145		1/1	
	PWR		146		1/1	
	PWR		147		1/1	
	PWR		148		1/1	
	PWR		149		1/1	
	PWR		150		1/1	
	PWR		151		1/1	
	PWR		152		1/1	
	PWR		153		1/1	
	PWR		154		1/1	
	PWR		155		1/1	
	PWR		156		1/1	
48RTN1C	IO		115		1/13	
-48V0A	PWR		007		2/1	
	PWR		008		2/1	
	PWR		106		2/1	
	PWR		107		2/1	
	PWR		108		2/1	
	PWR		006		2/2,2/3 2/4,2/41	
-5V13	PWR		022		2/1	
	PWR		023		2/1	
	PWR		122		2/2,2/3 2/4,2/5 2/7,2/9 2/11	
FGRDA	GRD		001		2/1	
	GRD		100		2/1	
	GRD		101		2/1	
GRD13	GRD		000		2/12,2/13	
	GRD		003			
	GRD		004			
	GRD		005			
	GRD		024			
	GRD		032			
	GRD		033			
	GRD		034			
	GRD		035			
	GRD		036			
	GRD		037			
	GRD		038			
	GRD		039			
	GRD		040			
	GRD		041			

SYMBOL NO. 1 (CONT)

SERVICE GROUP POWER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1POWER	13-008	494GB	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD		042			
	GRD		043			
	GRD		102			
	GRD		103			
	GRD		104			
	GRD		119			
	GRD		123			
	GRD		124			
	GRD		132			
	GRD		133			
	GRD		134			
	GRD		135			
	GRD		136			
	GRD		137			
	GRD		138			
	GRD		139			
	GRD		140			
	GRD		141			
	GRD		142			
	GRD		143			
RMTSRT	IO		113		1/14	
RMTSRTC	IO		014		1/1	
1CURPRN	IO		117		2/2,2/3 2/4,2/5 2/7,2/9 2/11,2/12 2/13	
1CURPRP	IO		017		2/2,2/3 2/4,2/5 2/7,2/9 2/11,2/12 2/13	
1RSON	IO		109			
	IO		110			
164KHZ	IO		120		2/12	

SYMBOL NO. 2

SERVICE CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1HLSC0	13-016	SEE NOTE 306 & 307	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V13	PWR		034		1/1	
	PWR		035		1/1	
	PWR		134		1/1	
	PWR		135		1/1	
-48V0A	PWR		000		2/1	
	PWR		001		2/1	
	PWR		002		2/1	
	PWR		100		2/1	
	PWR		101		2/1	
	PWR		102		2/1	
-5V13	PWR		032		2/1	
	PWR		132		2/1	

SYMBOL NO. 2 (CONT)

SERVICE CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1HLSC0	13-016	SEE NOTE 306 & 307	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRD13	GRD		014			
	GRD		015			
	GRD		016			
	GRD		019			
	GRD		114			
	GRD		115			
	GRD		116			
	GRD		119			
	GRD		200			
	GRD		201			
	GRD		219			
	GRD		224			
	GRD		232			
	GRD		234			
	GRD		235			
	GRD		300			
	GRD		301			
	GRD		319			
	GRD		324			
	GRD		332			
	GRD		334			
	GRD		335			
0ACBUS3R	IO		348		1/14	P/0ACBUS3T
0ACBUS3T	IO		248		1/14	P/0ACBUS3R
1ACBUS3R	IO		347		2/14,2/15	
1ACBUS3T	IO		247		2/14,2/15	
1CURPRN	IO		012		2/1	
1CURPRP	IO		112		2/1	
1HASW00	IO		323		2/13	
1HASW10	IO		223		2/13	
1HCK0	IO		320		2/13	
1HDATA0	IO		321		2/13	
1HDATA00	IO		318			
	IO		322			
1HDCK0	IO		311			
	IO		313			
1HDW0	IO		215			
	IO		216			
1HEN0	IO		220		2/13	
1HEN00	IO		315			
	IO		316			
1HR0	IO		312			
	IO		314			
1HW0	IO		213			
	IO		214			
1RNGSUP0	IO		317		2/13	
1RNG0	IO		245			
	IO		246			P/1TIP0
	IO		250			P/1TIP0
1TIP0	IO		345			
	IO		346			P/1RNG0
	IO		350			P/1RNG0

PART OF FS 2
SYMBOL(S) 1 2

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D052-02	B2CA

PART OF FS 2

LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 3

SERVICE CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1HLSC1	13-024	SEE NOTE 306 & 307	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V13	PWR		034		1/1	
	PWR		035		1/1	
	PWR		134		1/1	
	PWR		135		1/1	
-48V0A	PWR		000		2/1	
	PWR		001		2/1	
	PWR		002		2/1	
	PWR		100		2/1	
	PWR		101		2/1	
	PWR		102		2/1	
-5V13	PWR		032		2/1	
	PWR		132		2/1	
GRD13	GRD		014			
	GRD		015			
	GRD		016			
	GRD		019			
	GRD		114			
	GRD		115			
	GRD		116			
	GRD		119			
	GRD		200			
	GRD		201			
	GRD		219			
	GRD		224			
	GRD		232			
	GRD		234			
	GRD		235			
	GRD		300			
	GRD		301			
	GRD		319			
	GRD		324			
	GRD		332			
	GRD		334			
	GRD		335			
0ACBUS4R	IO		348		1/14	
0ACBUS4T	IO		248		1/14	
1ACBUS4R	IO		347		2/14,2/15	
1ACBUS4T	IO		247		2/14,2/15	
1CURPRN	IO		012		2/1	
1CURPRP	IO		112		2/1	
1HASK01	IO		323		2/13	
1HASW11	IO		223		2/13	
1HCK1	IO		320		2/13	
1HDATA1	IO		321		2/13	
1HDATA10	IO		318			
1HDCK1	IO		322			
	IO		311			
	IO		313			
1HDW1	IO		215			
	IO		216			
1HEN1	IO		220		2/13	
1HEN10	IO		315			
	IO		316			
1HR1	IO		312			
	IO		314			
1HW1	IO		213			
	IO		214			
1RNGSUP1	IO		317		2/13	
1RNG1	IO		245			
	IO		246			P/1TIP1

SYMBOL NO. 3 (CONT)

SERVICE CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1HLSC1	13-024	SEE NOTE 306 & 307	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	IO		250			P/1TIP1
1TIP1	IO		345			
	IO		346			P/1RNG1
	IO		350			P/1RNG1

SYMBOL NO. 4

SERVICE CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1HLSC2	13-032	SEE NOTE 306 & 307	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V13	PWR		034		1/1	
	PWR		035		1/1	
	PWR		134		1/1	
-48V0A	PWR		135		1/1	
	PWR		000		2/1	
	PWR		001		2/1	
	PWR		002		2/1	
	PWR		100		2/1	
	PWR		101		2/1	
	PWR		102		2/1	
-5V13	PWR		032		2/1	
	PWR		132		2/1	
GRD13	GRD		014			
	GRD		015			
	GRD		016			
	GRD		019			
	GRD		114			
	GRD		115			
	GRD		116			
	GRD		119			
	GRD		200			
	GRD		201			
	GRD		219			
	GRD		224			
	GRD		232			
	GRD		234			
	GRD		235			
	GRD		300			
	GRD		301			
	GRD		319			
	GRD		324			
	GRD		332			
	GRD		334			
	GRD		335			
0ACBUS5R	IO		348		1/14	
0ACBUS5T	IO		248		1/14	
1ACBUS5R	IO		347		2/14,2/15	
1ACBUS5T	IO		247		2/14,2/15	
1CURPRN	IO		012		2/1	
1CURPRP	IO		112		2/1	
1HASW02	IO		323		2/13	
1HASW12	IO		223		2/13	

SYMBOL NO. 4 (CONT)

SERVICE CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1HLSC2	13-032	SEE NOTE 306 & 307	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1HCK2	IO		320		2/13	
1HDATA2	IO		321		2/13	
1HDATA20	IO		318			
1HDCK2	IO		322			
	IO		311			
	IO		313			
1HDW2	IO		215			
	IO		216			
1HEN2	IO		220		2/13	
1HEN20	IO		315			
	IO		316			
1HR2	IO		312			
	IO		314			
1HW2	IO		213			
	IO		214			
1RNGSUP2	IO		317		2/13	
1RNG2	IO		245			
	IO		246			P/1TIP2
	IO		250			P/1TIP2
1TIP2	IO		345			
	IO		346			P/1RNG2
	IO		350			P/1RNG2

SYMBOL NO. 5

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CHAN8A0	13-046	TN335C	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V13	PWR		032		1/1	
	PWR		034		1/1	
	PWR		035		1/1	
	PWR		132		1/1	
	PWR		134		1/1	
	PWR		135		1/1	
-48V1A	PWR		000		2/5	
	PWR		001		2/5	
	PWR		004		2/5	
	PWR		101		2/5	
	PWR		104		2/5	
	PWR		204		2/5	
	PWR		304		2/5	
	PWR		100		2/7,2/9 2/11,2/12 2/14,2/15 2/43	
-5V13	PWR		024		2/1	
	PWR		124		2/1	
GRD13	GRD		133			
	GRD		136			
	GRD		200			
	GRD		201			
	GRD		224			

SYMBOL NO. 5 (CONT)

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CHAN8A0	13-046	TN335C	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD		232			
	GRD		233			
	GRD		234			
	GRD		235			
	GRD		300			
	GRD		301			
	GRD		324			
	GRD		332			
	GRD		333			
	GRD		334			
	GRD		335			
RNG32	IO		256		2/15	P/T1P32
RNG36	IO		056		2/15	P/T1P36
RNG40	IO		255		2/15	P/T1P40
RNG44	IO		055		2/15	P/T1P44
RNG48	IO		202		2/14	
RNG52	IO		002		2/14	
RNG56	IO		203		2/14	
RNG60	IO		003		2/14	
TIP32	IO		356		2/15	P/RNG32
TIP36	IO		156		2/15	P/RNG36
TIP40	IO		355		2/15	P/RNG40
TIP44	IO		155		2/15	P/RNG44
TIP48	IO		302		2/14	
TIP52	IO		102		2/14	
TIP56	IO		303		2/14	
TIP60	IO		103		2/14	
1CASW00	IO		118		2/5	
	IO		019		2/13	
1CASW10	IO		020			
	IO		041			
1CA0	IO		315		2/5	
	IO		341		2/13	
1CA4	IO		241		2/5	
	IO		216		2/13	
1CB0	IO		242		2/7,2/9 2/11,2/13	
1CB1	IO		342		2/7,2/9 2/11,2/13	
1CB2	IO		316		2/7,2/9 2/11,2/13	
1CB3	IO		217		2/7,2/9 2/11,2/13	
1CCK0	IO		122		2/7,2/9 2/11,2/13	
1CCK1	IO		121		2/7,2/9 2/11,2/13	
1CCK2	IO		120		2/7,2/9 2/11,2/13	
1CCK3	IO		119		2/7,2/9 2/11,2/13	
1CDSCLK	IO		318		2/5	

PART OF FS 2

SYMBOL(S) 3 4 5

LINE UNIT, MODEL 2

DWG SIZE C2 | ISSUE 4B

AT&T BELL LABORATORIES | SD-5D052-02 | B2CB

PART OF FS 2

LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 5 (CONT)

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CHAN8A0	13-046	TN335C	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	IO		244		2/7,2/9 2/11,2/13	
1CDSYNC0	IO		123		2/5	
	IO		238		2/12	
1CDW	IO		243		2/5	
	IO		317		2/7,2/9 2/11,2/13	
1CHDA10	IO		320		2/5	
	IO		339		2/12	
1CHDA00	IO		220		2/5	
	IO		036		2/12	
1CURPRN	IO		012		2/1	
1CURPRP	IO		112		2/1	
1CW2	IO		343		2/5	
	IO		218		2/7,2/9 2/11,2/13	
1DATA0	IO		018		2/13	
1TSA0	IO		222		2/5	
	IO		139		2/12	
1TSA4	IO		321		2/5	
	IO		236		2/12	
1TSB0A	IO		221		2/5	
	IO		336		2/12	
1TSB1A	IO		239		2/12	
1TSB2A	IO		322		2/5	
	IO		338		2/12	
1TSB3A	IO		223		2/12	
14MCK0	IO		337		2/5	
	IO		323		2/12	

SYMBOL NO. 6

982KL CONNECTOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
CONN	13-046A	982KL	A	(U)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE

NOTE(S):

1. SEE NOTE 308 FOR APPARATUS MOUNTING AND CONNECTOR PLACEMENT.

SYMBOL NO. 7

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CHAN8A1	13-054	TN335C	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V13	PWR		032		1/1	
	PWR		034		1/1	
	PWR		035		1/1	
	PWR		132		1/1	
	PWR		134		1/1	
	PWR		135		1/1	
-48V1A	PWR		000		2/5	
	PWR		001		2/5	
	PWR		004		2/5	
	PWR		100		2/5	
	PWR		101		2/5	
	PWR		104		2/5	
	PWR		204		2/5	
	PWR		304		2/5	
-5V13	PWR		024		2/1	
	PWR		124		2/1	
GRD13	GRD		136			
	GRD		200			
	GRD		201			
	GRD		224			
	GRD		232			
	GRD		233			
	GRD		234			
	GRD		235			
	GRD		300			
	GRD		301			
	GRD		324			
	GRD		332			
	GRD		333			
	GRD		334			
	GRD		335			
RNG33	IO		256		2/15	P/TIP33
RNG37	IO		056		2/15	P/TIP37
RNG41	IO		255		2/15	P/TIP41
RNG45	IO		055		2/15	P/TIP45
RNG49	IO		202		2/14	
RNG53	IO		002		2/14	
RNG57	IO		203		2/14	P/TIP57
RNG61	IO		003		2/14	P/TIP61
TIP33	IO		356		2/15	P/RNG33
TIP37	IO		156		2/15	P/RNG37
TIP41	IO		355		2/15	P/RNG41
TIP45	IO		155		2/15	P/RNG45
TIP49	IO		302		2/14	
TIP53	IO		102		2/14	
TIP57	IO		303		2/14	P/RNG57
TIP61	IO		103		2/14	P/RNG61
1CASW01	IO		019			
	IO		118			
1CASW11	IO		020		2/7	
	IO		041		2/13	
1CA1	IO		315		2/7	
	IO		341		2/13	
1CA5	IO		241		2/7	
	IO		216		2/13	
1CB0	IO		242		2/5	
1CB1	IO		342		2/5	
1CB2	IO		316		2/5	
1CB3	IO		217		2/5	
1CCK0	IO		122		2/5	

SYMBOL NO. 7 (CONT)

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CHAN8A1	13-054	TN335C	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1CCK1	IO		121		2/5	
1CCK2	IO		120		2/5	
1CCK3	IO		119		2/5	
1CDSCLK	IO		244		2/5	
	IO		318		2/5	
1CDSYNC1	IO		123		2/7	
	IO		238		2/12	
1CDW	IO		243		2/5	
	IO		317		2/5	
1CHDA11	IO		320		2/7	
	IO		339		2/12	
1CHDA01	IO		220		2/7	
	IO		036		2/12	
1CURPRN	IO		012		2/1	
1CURPRP	IO		112		2/1	
1CW2	IO		218		2/5	
	IO		343		2/5	
1DATA1	IO		018		2/13	
1TSA1	IO		222		2/7	
	IO		139		2/12	
1TSA5	IO		321		2/7	
	IO		236		2/12	
1TSB0B	IO		221		2/7	
	IO		336		2/12	
1TSB1B	IO		239		2/12	
1TSB2B	IO		322		2/7	
	IO		338		2/12	
1TSB3B	IO		223		2/12	
14MCK1	IO		323		2/7	
	IO		337		2/12	

SYMBOL NO. 8

982KL CONNECTOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
CONN	13-054A	982KL	A	(U)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE

NOTE(S):

1. SEE NOTE 308 FOR APPARATUS MOUNTING AND CONNECTOR PLACEMENT.

PART OF FS 2

SYMBOL(S) 5 6 7 8

LINE UNIT, MODEL 2

DWG SIZE C2

ISSUE 3AC

AT&T BELL LABORATORIES

SD-5D052-02

B2CC

PART OF FS 2

LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 9

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CHAN8A2	13-062	TN335C	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V13	PWR		032		1/1	
	PWR		034		1/1	
	PWR		035		1/1	
	PWR		132		1/1	
	PWR		134		1/1	
	PWR		135		1/1	
-48V1A	PWR		000		2/5	
	PWR		001		2/5	
	PWR		004		2/5	
	PWR		100		2/5	
	PWR		101		2/5	
	PWR		104		2/5	
	PWR		204		2/5	
	PWR		304		2/5	
-5V13	PWR		024		2/1	
	PWR		124		2/1	
GRD13	GRD		133			
	GRD		136			
	GRD		200			
	GRD		201			
	GRD		224			
	GRD		232			
	GRD		234			
	GRD		235			
	GRD		300			
	GRD		301			
	GRD		324			
	GRD		332			
	GRD		333			
	GRD		334			
	GRD		335			
RNG34	IO		256	2/15	P/TIP34	
RNG38	IO		056	2/15	P/TIP38	
RNG42	IO		255	2/15	P/TIP42	
RNG46	IO		055	2/15	P/TIP46	
RNG50	IO		202	2/14		
RNG54	IO		002	2/14		
RNG58	IO		203	2/14	P/TIP58	
RNG62	IO		003	2/14	P/TIP62	
TIP34	IO		356	2/15	P/RNG34	
TIP38	IO		156	2/15	P/RNG38	
TIP42	IO		355	2/15	P/RNG42	
TIP46	IO		155	2/15	P/RNG46	
TIP50	IO		302	2/14		
TIP54	IO		102	2/14		
TIP58	IO		303	2/14	P/RNG58	
TIP62	IO		103	2/14	P/RNG62	
1CASH02	IO		118	2/9		
	IO		019	2/13		
1CASH12	IO		020			
	IO		041			
1CA2	IO		341	2/9		
	IO		315	2/13		
1CA6	IO		241	2/9		
	IO		216	2/13		
1CB0	IO		242	2/5		
1CB1	IO		342	2/5		
1CB2	IO		316	2/5		
1CB3	IO		217	2/5		
1CCK0	IO		122	2/5		

SYMBOL NO. 9 (CONT)

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CHAN8A2	13-062	TN335C	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1CCK1	IO		121		2/5	
1CCK2	IO		120		2/5	
1CCK3	IO		119		2/5	
1CDSCLK	IO		244		2/5	
	IO		318		2/5	
1CDSYNC2	IO		238		2/9	
	IO		123		2/12	
1CDW	IO		243		2/5	
	IO		317		2/5	
1CHDA12	IO		320		2/9	
	IO		339		2/12	
1CHDA02	IO		036		2/9	
	IO		220		2/12	
1CURPRN	IO		012		2/1	
1CURPRP	IO		112		2/1	
1CW2	IO		218		2/5	
	IO		343		2/5	
1DATA2	IO		018		2/13	
1TSA2	IO		222		2/9	
	IO		139		2/12	
1TSA6	IO		236		2/9	
	IO		321		2/12	
1TSB0C	IO		336		2/9	
	IO		221		2/12	
1TSB1C	IO		239		2/12	
1TSB2C	IO		338		2/9	
	IO		322		2/12	
1TSB3C	IO		223		2/12	
14MCK2	IO		337		2/9	
	IO		323		2/12	

SYMBOL NO. 10

982KL CONNECTOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
CONN	13-062A	982KL	A	(U)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE

NOTE(S):

1. SEE NOTE 308 FOR APPARATUS MOUNTING AND CONNECTOR PLACEMENT.

SYMBOL NO. 11

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CHAN8A3	13-070	TN335C	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V13	PWR		032		1/1	
	PWR		034		1/1	
	PWR		035		1/1	
	PWR		132		1/1	
	PWR		134		1/1	
	PWR		135		1/1	
-48V1A	PWR		000		2/5	
	PWR		001		2/5	
	PWR		004		2/5	
	PWR		100		2/5	
	PWR		101		2/5	
	PWR		104		2/5	
	PWR		204		2/5	
	PWR		304		2/5	
-5V13	PWR		024		2/1	
	PWR		124		2/1	
GRD13	GRD		136			
	GRD		200			
	GRD		201			
	GRD		224			
	GRD		232			
	GRD		234			
	GRD		235			
	GRD		300			
	GRD		301			
	GRD		324			
	GRD		332			
	GRD		333			
	GRD		334			
	GRD		335			
RNG33	IO		256	2/15	P/TIP35	
RNG39	IO		056	2/15	P/TIP39	
RNG43	IO		255	2/15	P/TIP43	
RNG47	IO		055	2/15	P/TIP47	
RNG51	IO		202	2/14	P/TIP51	
RNG55	IO		002	2/14	P/TIP55	
RNG59	IO		203	2/14	P/TIP59	
RNG63	IO		003	2/14	P/TIP63	
TIP35	IO		356	2/15	P/RNG35	
TIP39	IO		156	2/15	P/RNG39	
TIP43	IO		355	2/15	P/RNG43	
TIP47	IO		155	2/15	P/RNG47	
TIP51	IO		302	2/14	P/RNG51	
TIP55	IO		102	2/14	P/RNG55	
TIP59	IO		303	2/14	P/RNG59	
TIP63	IO		103	2/14	P/RNG63	
1CASH03	IO		019			
	IO		118			
1CASH13	IO		020	2/11		
	IO		041	2/13		
1CA3	IO		315	2/13		
	IO		341	2/11		
1CA7	IO		216	2/11		
	IO		241	2/13		
1CB0	IO		242	2/5		
1CB1	IO		342	2/5		
1CB2	IO		316	2/5		
1CB3	IO		217	2/5		
1CCK0	IO		122	2/5		
1CCK1	IO		121	2/5		

SYMBOL NO. 11 (CONT)

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CHAN8A3	13-070	TN335C	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1CCK2	IO		120		2/5	
1CCK3	IO		119		2/5	
1CDSCLK	IO		244		2/5	
	IO		318		2/5	
1CDSYNC3	IO		123		2/12	
	IO		238		2/11	
1CDW	IO		243		2/5	
	IO		317		2/5	
1CHDA13	IO		320		2/12	
	IO		339		2/11	
1CHDA03	IO		036		2/11	
	IO		220		2/12	
1CURPRN	IO		012		2/1	
1CURPRP	IO		112		2/1	
1CW2	IO		218		2/5	
	IO		343		2/5	
1DATA3	IO		018		2/13	
1TSA3	IO		139		2/11	
	IO		222		2/12	
1TSA7	IO		236		2/11	
	IO		321		2/12	
1TSB0D	IO		221		2/12	
	IO		336		2/11	
1TSB1D	IO		239		2/12	
1TSB2D	IO		322		2/11	
	IO		338		2/12	
1TSB3D	IO		223		2/12	
14MCK3	IO		323		2/12	
	IO		337		2/11	

PART OF FS 2

SYMBOL(S) 9 10 11

LINE UNIT, MODEL 2

DWG SIZE: C2

ISSUE: 3AC

AT&T BELL LABORATORIES

SD-5D052-02

B2CD

PART OF FS 2

LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 12

COMMON DATA

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1COMDATA	13-078	TN842	A	(Z)
1COMDATA	13-078	TN842B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V13	PWR		018		1/1	
	PWR		050		1/1	
	PWR		118		1/1	
	PWR		150		1/1	
	PWR		218		1/1	
	PWR		250		1/1	
	PWR		318		1/1	
	PWR		350		1/1	
-48V1A	PWR		000		2/5	
	PWR		100		2/5	
	PWR		201		2/5	
F+5VA	PWR		343		2/12	
	PWR		344		2/12	
	PWR		345		2/13	
	PWR		346		2/12	
	PWR		347		2/12	
FGRDA	GRD		037		2/1	
	GRD		042		2/1	
	GRD		137		2/1	
	GRD		142		2/1	
	GRD		233		2/1	
	GRD		234		2/1	
	GRD		235		2/1	
	GRD		236		2/1	
	GRD		237		2/1	
	GRD		333		2/1	
	GRD		334		2/1	
	GRD		335		2/1	
	GRD		336		2/1	
	GRD		337		2/1	
GRD13	GRD		002			
	GRD		024			
	GRD		056			
	GRD		102			
	GRD		124			
	GRD		156			
	GRD		200			
	GRD		202			
	GRD		224			
	GRD		256			
	GRD		300			
	GRD		302			
	GRD		324			
	GRD		356			
1CDSYNC0	IO		115		2/5	
1CDSYNC1	IO		015		2/7	
1CDSYNC2	IO		114		2/9	
1CDSYNC3	IO		014		2/11	
1CHDAI0	IO		021		2/5	
1CHDAI1	IO		121		2/7	
1CHDAI2	IO		221		2/9	
1CHDAI3	IO		321		2/11	
1CHDAO0	IO		022		2/5	
1CHDAO1	IO		122		2/7	
1CHDAO2	IO		222		2/9	
1CHDAO3	IO		322		2/11	
1CURPRN	IO		012		2/1	
1CURPRP	IO		112		2/1	
1DA1NON	IO		133		TO CAD 1 - DA	
1DA1NOP	IO		033		TO CAD 1 - DA	

SYMBOL NO. 12 (CONT)

COMMON DATA

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1COMDATA	13-078	TN842	A	(Z)
1COMDATA	13-078	TN842B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1DA1N1N	IO		138		TO CAD 1 - DB	
1DA1N1P	IO		038		TO CAD 1 - DB	
1DAOTON	IO		134		TO CAD 1 - DA	
1DAOT0P	IO		034		TO CAD 1 - DA	
1DAOT1N	IO		139		TO CAD 1 - DB	
1DAOT1P	IO		039		TO CAD 1 - DB	
1LPTST	IO		319		2/13	
1SCB	IO		120		2/13	
1SYNC	IO		020		2/13	
1TSA0	IO		308		2/5	
1TSA1	IO		210		2/7	
1TSA2	IO		310		2/9	
1TSA3	IO		209		2/11	
1TSA4	IO		309		2/5	
1TSA5	IO		211		2/7	
1TSA6	IO		311		2/9	
1TSA7	IO		208		2/11	
1TSB	IO		220		2/13	
1TSB0A	IO		212		2/5	
1TSB0B	IO		312		2/7	
1TSB0C	IO		213		2/9	
1TSB0D	IO		206		2/11	
1TSB1A	IO		306		2/5	
1TSB1B	IO		207		2/7	
1TSB1C	IO		307		2/9	
1TSB1D	IO		313		2/11	
1TSB2A	IO		214		2/5	
1TSB2B	IO		314		2/7	
1TSB2C	IO		204		2/9	
1TSB2D	IO		304		2/11	
1TSB3A	IO		205		2/5	
1TSB3B	IO		305		2/7	
1TSB3C	IO		215		2/9	
1TSB3D	IO		315		2/11	
1256KHZ0	IO		054		1/18	
1256KHZ1	IO		055		1/24	
1256KHZ2	IO		154		1/30	
1256KHZ3	IO		155		1/36	
1256KHZ4	IO		254		2/18,2/21	
1256KHZ5	IO		255		2/24,2/27	
1256KHZ6	IO		354		2/30,2/33	
1256KHZ7	IO		355		2/36,2/39	
14MCKION	IO		136		TO CAD 1 - DA	
14MCKIOP	IO		036		TO CAD 1 - DA	
14MCKI1N	IO		141		TO CAD 1 - DB	
14MCKI1P	IO		041		TO CAD 1 - DB	
14MCKO	IO		023		2/5	
14MCK1	IO		123		2/7	
14MCK2	IO		223		2/9	
14MCK3	IO		323		2/11	
164KHZ	IO		219		2/1	
18KSNCON	IO		135		TO CAD 1 - DA	
18KSNC0P	IO		035		TO CAD 1 - DA	
18KSNC1N	IO		140		TO CAD 1 - DB	
18KSNC1P	IO		040		TO CAD 1 - DB	

SYMBOL NO. 13

COMMON CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1COMCTRL	13-086	TN843	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V13	PWR		038		1/1	
	PWR		056		1/1	
	PWR		138		1/1	
	PWR		156		1/1	
	PWR		406		1/1	
	PWR		407		1/1	
	PWR		423		1/1	
	PWR		424		1/1	
	PWR		434		1/1	
	PWR		435		1/1	
	PWR		455		1/1	
	PWR		456		1/1	
	PWR		506		1/1	
	PWR		507		1/1	
	PWR		523		1/1	
	PWR		524		1/1	
	PWR		534		1/1	
	PWR		535		1/1	
	PWR		555		1/1	
	PWR		556		1/1	
-48RTNOC	IO		256		1/1	
F+5VA	PWR		032		2/12	
	PWR		132		2/12	
FGRDA	GRD		232		2/1	
	GRD		332		2/1	
GRD13	GRD		024			
	GRD		034		TO CAD 1 - CZ	
	GRD		124			
	GRD		234		TO CAD 1 - CY	
	GRD		300			
	GRD		301			
	GRD		400			
	GRD		401			
	GRD		404			
	GRD		405			
	GRD		421			
	GRD		422			
	GRD		432			
	GRD		433			
	GRD		453			
	GRD		454			
	GRD		500			
	GRD		501			
	GRD		504			
	GRD		505			
	GRD		521			
	GRD		522			
	GRD		532			
	GRD		533			
	GRD		553			
	GRD		554			
OANLED	IO		356		1/15	
1ACASW0	IO		052		2/15	
1ACASW1	IO		047		2/14	
1ACCK0	IO		008		2/15	
1ACCK1	IO		307		2/14	
1ACDATA0	IO		202		2/15	
1ACDATA1	IO		102		2/14	
1ACEN0	IO		040		2/15	
1ACEN1	IO		539		2/14	

SYMBOL NO. 13 (CONT)

COMMON CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1COMCTRL	13-086	TN843	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1ASWG00	IO		355		1/18	
1ASWG01	IO		350		1/21	
1ASWG10	IO		255		1/24	
1ASWG11	IO		250		1/27	
1ASWG20	IO		155		1/30	
1ASWG21	IO		150		1/33	
1ASWG30	IO		055		1/36	
1ASWG31	IO		050		1/39	
1ASWG40	IO		354		2/18	
1ASWG41	IO		349		2/21	
1ASWG50	IO		254		2/24	
1ASWG51	IO		249		2/27	
1ASWG60	IO		154		2/30	
1ASWG61	IO		149		2/33	
1ASWG70	IO		054		2/36	
1ASWG71	IO		049		2/39	
1CASW00	IO		353		2/5	
1CASW02	IO		153		2/9	
1CASW11	IO		248		2/7	
1CASW13	IO		048		2/11	
1CA0	IO		116		2/5	
1CA1	IO		016		2/7	
1CA2	IO		315		2/9	
1CA3	IO		215		2/11	
1CA4	IO		115		2/5	
1CA5	IO		015		2/7	
1CA6	IO		314		2/9	
1CA7	IO		214		2/11	
1CB0	IO		341		2/5	
1CB1	IO		241		2/5	
1CB2	IO		141		2/5	
1CB3	IO		041		2/5	
1CCK0	IO		309		2/5	
1CCK1	IO		209		2/5	
1CCK2	IO		109		2/5	
1CCK3	IO		009		2/5	
1CDSCLK	IO		316		2/5	
1CDW	IO		216		2/5	
1CLG0	IO		311		1/18	
1CLG1	IO		211		1/24	
1CLG2	IO		111		1/30	
1CLG3	IO		011		1/36	
1CLG4	IO		310		2/18,2/21	
1CLG5	IO		210		2/24,2/27	
1CLG6	IO		110		2/30,2/33	
1CLG7	IO		010		2/36,2/39	
1CLK0N	IO		035		TO CAD 1 - CZ	
1CLK0P	IO		135		TO CAD 1 - CZ	
1CLK1N	IO		235		TO CAD 1 - CY	
1CLK1P	IO		335		TO CAD 1 - CY	

PART OF FS 2

SYMBOL(S) 12 13

LINE UNIT, MODEL 2

DWG SIZE	ISSUE
C2	2B

AT&T BELL LABORATORIES	SD-5D052-02	B2CE

PART OF FS 2

LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 13 (CONT)

COMMON CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1COMCTRL	13-086	TN843	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1CURPRN	IO		012		2/1	
1CURPRP	IO		112		2/1	
1CH2	IO		017		2/5	
1DATA0	IO		104		2/5	
1DATA1	IO		004		2/7	
1DATA2	IO		303		2/9	
1DATA3	IO		203		2/11	
1DG0	IO		106		1/18	
1DG1	IO		006		1/24	
1DG2	IO		305		1/30	
1DG3	IO		205		1/36	
1DG4	IO		105		2/18,2/21	
1DG5	IO		005		2/24,2/27	
1DG6	IO		304		2/30,2/33	
1DG7	IO		204		2/36,2/39	
1EG00	IO		345		1/18	
1EG01	IO		245		1/21	
1EG10	IO		145		1/24	
1EG11	IO		045		1/27	
1EG20	IO		344		1/30	
1EG21	IO		244		1/33	
1EG30	IO		144		1/36	
1EG31	IO		044		1/39	
1EG40	IO		343		2/18	
1EG41	IO		243		2/21	
1EG50	IO		143		2/24	
1EG51	IO		043		2/27	
1EG60	IO		342		2/30	
1EG61	IO		242		2/33	
1EG70	IO		142		2/36	
1EG71	IO		042		2/39	
1HASW00	IO		352		2/2	
1HASW01	IO		252		2/3	
1HASW02	IO		152		2/4	
1HASW10	IO		347		2/2	
1HASW11	IO		247		2/3	
1HASW12	IO		147		2/4	
1HCK0	IO		308		2/2	
1HCK1	IO		208		2/3	
1HCK2	IO		108		2/4	
1HDATA0	IO		103		2/2	
1HDATA1	IO		003		2/3	
1HDATA2	IO		302		2/4	
1HEN0	IO		340		2/2	
1HEN1	IO		240		2/3	
1HEN2	IO		140		2/4	
1LPTST	IO		200		2/12	
1MSG0N	IO		036		TO CAD 1 - CZ	
1MSG0P	IO		136		TO CAD 1 - CZ	
1MSG1N	IO		236		TO CAD 1 - CY	
1MSG1P	IO		336		TO CAD 1 - CY	
1NINTON	IO		033		TO CAD 1 - CZ	
1NINT0P	IO		133		TO CAD 1 - CZ	
1NINT1N	IO		233		TO CAD 1 - CY	
1NINT1P	IO		333		TO CAD 1 - CY	
1PAG00	IO		323		1/18	
1PAG01	IO		223		1/21	
1PAG10	IO		123		1/24	

SYMBOL NO. 13 (CONT)

COMMON CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1COMCTRL	13-086	TN843	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1PAG11	IO		023		1/27	
1PAG20	IO		322		1/30	
1PAG21	IO		222		1/33	
1PAG30	IO		122		1/36	
1PAG31	IO		022		1/39	
1PAG40	IO		321		2/18	
1PAG41	IO		221		2/21	
1PAG50	IO		121		2/24	
1PAG51	IO		021		2/27	
1PAG60	IO		320		2/30	
1PAG61	IO		220		2/33	
1PAG70	IO		120		2/36	
1PAG71	IO		020		2/39	
1PRALM0	IO		019		2/15	
1RNGSUP0	IO		319		2/2	
1RNGSUP1	IO		219		2/3	
1RNGSUP2	IO		119		2/4	
1RPLY0N	ID		037		TO CAD 1 - CZ	
1RPLY0P	ID		137		TO CAD 1 - CZ	
1RPLY1N	ID		237		TO CAD 1 - CY	
1RPLY1P	ID		337		TO CAD 1 - CY	
1SCB	IO		201		2/12	
1SLCT0P	IO		134		TO CAD 1 - CZ	
1SLCT1P	IO		334		TO CAD 1 - CY	
1SLG0	IO		114		1/18	
1SLG1	IO		014		1/24	
1SLG2	IO		313		1/30	
1SLG3	IO		213		1/36	
1SLG4	IO		113		2/18,2/21	
1SLG5	IO		013		2/24,2/27	
1SLG6	IO		312		2/30,2/33	
1SLG7	IO		212		2/36,2/39	
1SYNC	IO		117		2/12	
1TSB	IO		324		2/12	

SYMBOL NO. 14

ACCESS LINEARIZATION

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1GDXAXL	13-096	TN831	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+260V1	PWR		306		2/15	
+295V1	PWR		207		2/15	
	PWR		307		2/14	
	IO		354		2/14	
+297V1	PWR		206		2/15	
+300VR1	PWR		007		2/14	305
	PWR		107		2/15	305
+5PA	PWR		001		2/14	
	PWR		101		2/15	
-48V1A	PWR		003		2/5	
	PWR		004		2/5	
GRD13	GRD		000			

SYMBOL NO. 14 (CONT)

ACCESS LINEARIZATION

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1GDXAXL	13-096	TN831	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD		005			
	GRD		006			
	GRD		033			
	GRD		034			
	GRD		100			
	GRD		105			
	GRD		106			
	GRD		133			
	GRD		134			
	GRD		200			
	GRD		203			
	GRD		204			
	GRD		300			
	GRD		301			
	GRD		302			
	GRD		303			
	GRD		304			
RB48	IO		235	1/18	P/TB48	
RB49	IO		234	1/21	P/TB49	
RB50	IO		035	1/18	P/TB50	
RB51	IO		236	1/21	P/TB51	
RB52	IO		036	1/18	P/TB52	
RB53	IO		241	1/21	P/TB53	
RB54	IO		242	1/18	P/TB54	
RB55	IO		243	1/21	P/TB55	
RB56	IO		214	1/21	P/TB56	
RB57	IO		213	1/18	P/TB57	
RB58	IO		014	1/21	P/TB58	
RB59	IO		215	1/18	P/TB59	
RB60	IO		015	1/21	P/TB60	
RB61	IO		220	1/18	P/TB61	
RB62	IO		221	1/21	P/TB62	
RB63	IO		222	1/18	P/TB63	
RMTSRT	IO		103	1/14		
RNG48	IO		038	2/5	P/TIP48	
RNG49	IO		037	2/7	P/TIP49	
RNG50	IO		238	2/9	P/TIP50	
RNG51	IO		237	2/11		
RNG52	IO		239	2/5	P/TIP52	
RNG53	IO		240	2/7	P/TIP53	
RNG54	IO		039	2/9	P/TIP54	
RNG55	IO		040	2/11		
RNG56	IO		017	2/5	P/TIP56	
RNG57	IO		016	2/7		
RNG58	IO		217	2/9		
RNG59	IO		216	2/11		
RNG60	IO		218	2/5	P/TIP60	
RNG61	IO		219	2/7		
RNG62	IO		018	2/9		
RNG63	IO		019	2/11		
TB48	IO		335	1/18	P/RB48	
TB49	IO		334	1/21	P/RB49	
TB50	IO		135	1/18	P/RB50	
TB51	IO		336	1/21	P/RB51	
TB52	IO		136	1/18	P/RB52	
TB53	IO		341	1/21	P/RB53	
TB54	IO		342	1/18	P/RB54	
TB55	IO		343	1/21	P/RB55	
TB56	IO		314	1/21	P/RB56	
TB57	IO		313	1/18	P/RB57	

SYMBOL NO. 14 (CONT)

ACCESS LINEARIZATION

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1GDXAXL	13-096	TN831	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
TB58	IO		114		1/21	P/RB58
TB59	IO		315		1/18	P/RB59
TB60	IO		115		1/21	P/RB60
TB61	IO		320		1/18	P/RB61
TB62	IO		321		1/21	P/RB62
TB63	IO		322		1/18	P/RB63
TIP48	IO		138		2/5	P/RNG48
TIP49	IO		137		2/7	P/RNG49
TIP50	IO		338		2/9	P/RNG50
TIP51	IO		337		2/11	
TIP52	IO		339		2/5	P/RNG52
TIP53	IO		340		2/7	P/RNG53
TIP54	IO		139		2/9	P/RNG54
TIP55	IO		140		2/11	
TIP56	IO		117		2/5	P/RNG56
TIP57	IO		116		2/7	
TIP58	IO		317		2/9	
TIP59	IO		316		2/11	
TIP60	IO		318		2/5	P/RNG60
TIP61	IO		319		2/7	
TIP62	IO		118		2/9	
TIP63	IO		119		2/11	
1ACASW1	IO		051		2/13	
1ACBUS0R	IO		310		1/2	P/1ACBUS0T
1ACBUS0T	IO		210		1/2	P/1ACBUS0R
1ACBUS1R	IO		209		1/3	P/1ACBUS1T
1ACBUS1T	IO		309		1/3	P/1ACBUS1R
1ACBUS2R	IO		010		1/4	P/1ACBUS2T
1ACBUS2T	IO		110		1/4	P/1ACBUS2R
1ACBUS3R	IO		109		2/2	P/1ACBUS3T
1ACBUS3T	IO		009		2/2	P/1ACBUS3R
1ACBUS4R	IO		146		2/3	P/1ACBUS4T
1ACBUS4T	IO		046		2/3	P/1ACBUS4R
1ACBUS5R	IO		346		2/4	P/1ACBUS5T
1ACBUS5T	IO		246		2/4	P/1ACBUS5R
1ACBUS6R	IO		232		2/15	
1ACBUS6T	IO		332		2/15	
1ACBUS7R	IO		032		2/15	
1ACBUS7T	IO		132		2/15	
1ACCK1	IO		353		2/13	
1ACDATA1	IO		352		2/13	
1ACEN1	IO		153		2/13	
1MTBR	IO		324		TO CAD 1 - CE	
1MTBT	IO		224		TO CAD 1 - CE	

PART OF FS 2

SYMBOL(S) 13 14

LINE UNIT, MODEL 2

DWG SIZE: CZ

ISSUE: 2B

AT&T BELL LABORATORIES

SD-5D052-02

B2CF

PART OF FS 2

LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 15

ACCESS POWER & CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1GDXAXP	13-104	TN832	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+260V1	PWR		105		2/14	
+295V1	PWR		207		2/14	
	PWR		307		2/14	
	IO		354		2/14	
+297V1	PWR		206		2/14	305
+300VR1	PWR		007		2/14	305
	PWR		107		2/14	305
+300VSG0	PWR		006		1/15	305
+300VSG1	PWR		106		1/15	305
+5PA	PWR		001		2/14	
	PWR		101		2/14	
+5V13	PWR		056		1/1	
-48V1A	PWR		003		2/5	
	PWR		004		2/5	
GRD13	GRD		000			
	GRD		033			
	GRD		034			
	GRD		100			
	GRD		133			
	GRD		134			
	GRD		200			
	GRD		203			
	GRD		204			
	GRD		252			
	GRD		300			
	GRD		301			
	GRD		302			
	GRD		303			
	GRD		304			
RB32	IO		235	1/21		P/TB32
RB33	IO		234	1/18		P/TB33
RB34	IO		035	1/21		P/TB34
RB35	IO		236	1/18		P/TB35
RB36	IO		036	1/21		P/TB36
RB37	IO		241	1/18		P/TB37
RB38	IO		242	1/21		P/TB38
RB39	IO		243	1/18		P/TB39
RB40	IO		214	1/18		P/TB40
RB41	IO		213	1/21		P/TB41
RB42	IO		014	1/18		P/TB42
RB43	IO		215	1/21		P/TB43
RB44	IO		015	1/18		P/TB44
RB45	IO		220	1/21		P/TB45
RB46	IO		221	1/18		P/TB46
RB47	IO		222	1/21		P/TB47
RMTSRT	IO		103	1/14		
RNG32	IO		038	2/5		
RNG33	IO		037	2/7		
RNG34	IO		238	2/9		
RNG35	IO		237	2/11		
RNG36	IO		239	2/5		
RNG37	IO		240	2/7		
RNG38	IO		039	2/9		
RNG39	IO		040	2/11		
RNG40	IO		017	2/5		
RNG41	IO		016	2/7		
RNG42	IO		217	2/9		
RNG43	IO		216	2/11		
RNG44	IO		218	2/5		
RNG45	IO		219	2/7		

SYMBOL NO. 15 (CONT)

ACCESS POWER & CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1GDXAXP	13-104	TN832	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RNG46	IO		018		2/9	
RNG47	IO		019		2/11	
TB32	IO		335		1/21	P/RB32
TB33	IO		334		1/18	P/RB33
TB34	IO		135		1/21	P/RB34
TB35	IO		336		1/18	P/RB35
TB36	IO		136		1/21	P/RB36
TB37	IO		341		1/18	P/RB37
TB38	IO		342		1/21	P/RB38
TB39	IO		343		1/18	P/RB39
TB40	IO		314		1/18	P/RB40
TB41	IO		313		1/21	P/RB41
TB42	IO		114		1/18	P/RB42
TB43	IO		315		1/21	P/RB43
TB44	IO		115		1/18	P/RB44
TB45	IO		320		1/21	P/RB45
TB46	IO		321		1/18	P/RB46
TB47	IO		322		1/21	P/RB47
TIP32	IO		138		2/5	
TIP33	IO		137		2/7	
TIP34	IO		338		2/9	
TIP35	IO		337		2/11	
TIP36	IO		339		2/5	
TIP37	IO		340		2/7	
TIP38	IO		139		2/9	
TIP39	IO		140		2/11	
TIP40	IO		117		2/5	
TIP41	IO		116		2/7	
TIP42	IO		317		2/9	
TIP43	IO		316		2/11	
TIP44	IO		318		2/5	
TIP45	IO		319		2/7	
TIP46	IO		118		2/9	
TIP47	IO		119		2/11	
1ACASW0	IO		051		2/13	
1ACBUS0R	IO		310		1/2	P/1ACBUS0T
1ACBUS0T	IO		210		1/2	P/1ACBUS0R
1ACBUS1R	IO		209		1/3	P/1ACBUS1T
1ACBUS1T	IO		309		1/3	P/1ACBUS1R
1ACBUS2R	IO		010		1/4	P/1ACBUS2T
1ACBUS2T	IO		110		1/4	P/1ACBUS2R
1ACBUS3R	IO		109		2/2	P/1ACBUS3T
1ACBUS3T	IO		009		2/2	P/1ACBUS3R
1ACBUS4R	IO		146		2/3	P/1ACBUS4T
1ACBUS4T	IO		046		2/3	P/1ACBUS4R
1ACBUS5R	IO		346		2/4	P/1ACBUS5T
1ACBUS5T	IO		246		2/4	P/1ACBUS5R
1ACBUS6R	IO		232		2/14	P/1ACBUS6T
1ACBUS6T	IO		332		2/14	P/1ACBUS6R
1ACBUS7R	IO		032		2/14	P/1ACBUS7T
1ACBUS7T	IO		132		2/14	P/1ACBUS7R
1ACCK0	IO		353		2/13	
1ACDATA0	IO		352		2/13	
1ACEN0	IO		153		2/13	
1ANLED	IO		154		1/13	
1PRALM0	IO		251		2/13	

SYMBOL NO. 16

TIP AND RING GRID 4 (6:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-110	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R4000	IO		002		2/18 TO CAD 1 - CC	
R4001	IO		003		2/18 TO CAD 1 - CC	
R4002	IO		004		2/18 TO CAD 1 - CC	
R4003	IO		005		2/18 TO CAD 1 - CC	
R4010	IO		006		2/18 TO CAD 1 - CC	
R4011	IO		007		2/18 TO CAD 1 - CC	
R4012	IO		008		2/18 TO CAD 1 - CC	
R4013	IO		009		2/18 TO CAD 1 - CC	
R4020	IO		015		2/18 TO CAD 1 - CD	P/T4020
R4021	IO		016		2/18 TO CAD 1 - CD	
R4022	IO		017		2/18 TO CAD 1 - CD	P/T4022
R4023	IO		018		2/18 TO CAD 1 - CD	P/T4023
R4030	IO		019		2/18 TO CAD 1 - CD	P/T4030
R4031	IO		020		2/18 TO CAD 1 - CD	P/T4031
R4032	IO		021		2/18 TO CAD 1 - CD	P/T4032
R4033	IO		022		2/18 TO CAD 1 - CD	P/T4033
R4040	IO		034		2/18 TO CAD 1 - CW	
R4041	IO		035		2/18 TO CAD 1 - CW	
R4042	IO		036		2/18 TO CAD 1 - CW	
R4043	IO		037		2/18 TO CAD 1 - CW	
R4050	IO		038		2/18 TO CAD 1 - CW	
R4051	IO		039		2/18 TO CAD 1 - CW	
R4052	IO		040		2/18 TO CAD 1 - CW	
R4053	IO		041		2/18 TO CAD 1 - CW	
R4060	IO		047		2/18 TO CAD 1 - CX	
R4061	IO		048		2/18 TO CAD 1 - CX	
R4062	IO		049		2/18 TO CAD 1 - CX	
R4063	IO		050		2/18 TO CAD 1 - CX	P/T4063
R4070	IO		051		2/18 TO CAD 1 - CX	
R4071	IO		052		2/18 TO CAD 1 - CX	
R4072	IO		053		2/18 TO CAD 1 - CX	P/T4072
R4073	IO		054		2/18 TO CAD 1 - CX	P/T4073

PART OF FS 2

SYMBOL(S) 15 16

LINE UNIT, MODEL 2

DWG SIZE: D2

ISSUE: 2B

AT&T BELL LABORATORIES

SD-5D052-02

B2CG

PART OF FS 2

LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 17

TIP AND RING GRID 4 (6:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-111	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T4000	IO		002		Z/18 TO CAD 1 - CC	
T4001	IO		003		Z/18 TO CAD 1 - CC	
T4002	IO		004		Z/18 TO CAD 1 - CC	
T4003	IO		005		Z/18 TO CAD 1 - CC	
T4010	IO		006		Z/18 TO CAD 1 - CC	
T4011	IO		007		Z/18 TO CAD 1 - CC	
T4012	IO		008		Z/18 TO CAD 1 - CC	
T4013	IO		009		Z/18 TO CAD 1 - CC	
T4020	IO		015		Z/18 TO CAD 1 - CD	P/R4020
T4021	IO		016		Z/18 TO CAD 1 - CD	
T4022	IO		017		Z/18 TO CAD 1 - CD	P/R4022
T4023	IO		018		Z/18 TO CAD 1 - CD	P/R4023
T4030	IO		019		Z/18 TO CAD 1 - CD	P/R4030
T4031	IO		020		Z/18 TO CAD 1 - CD	P/R4031
T4032	IO		021		Z/18 TO CAD 1 - CD	P/R4032
T4033	IO		022		Z/18 TO CAD 1 - CD	P/R4033
T4040	IO		034		Z/18 TO CAD 1 - CW	
T4041	IO		035		Z/18 TO CAD 1 - CW	
T4042	IO		036		Z/18 TO CAD 1 - CW	
T4043	IO		037		Z/18 TO CAD 1 - CW	
T4050	IO		038		Z/18 TO CAD 1 - CW	
T4051	IO		039		Z/18 TO CAD 1 - CW	
T4052	IO		040		Z/18 TO CAD 1 - CW	
T4053	IO		041		Z/18 TO CAD 1 - CW	
T4060	IO		047		Z/18 TO CAD 1 - CX	
T4061	IO		048		Z/18 TO CAD 1 - CX	
T4062	IO		049		Z/18 TO CAD 1 - CX	
T4063	IO		050		Z/18 TO CAD 1 - CX	P/R4063
T4070	IO		051		Z/18 TO CAD 1 - CX	
T4071	IO		052		Z/18 TO CAD 1 - CX	
T4072	IO		053		Z/18 TO CAD 1 - CX	P/R4072
T4073	IO		054		Z/18 TO CAD 1 - CX	P/R4073

SYMBOL NO. 18

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG8	13-112	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V08	PWR		106		2/24	305
+300V09	PWR		006		2/24	305
+5V04	PWR		001		1/1	
+5V13	PWR		101		1/1	
-48RTNA	GRD		055		2/18	
	GRD		056		2/18	
	GRD		155		2/18	
	GRD		156		2/18	
	GRD		203		2/18	
	GRD		204		2/18	
	GRD		206		2/18	
	GRD		207		2/18	
	GRD		208		2/18	
	GRD		255		2/18	
	GRD		256		2/18	
	GRD		301		2/18	
	GRD		302		2/18	
	GRD		304		2/18	
	GRD		306		2/18	
	GRD		307		2/18	
	GRD		308		2/18	
	GRD		355		2/18	
	GRD		356		2/18	
	GRD		303		2/21,2/24 2/27,2/30 2/33,2/36 2/39,2/46 2/48,2/50 2/52	
-48V2A	PWR		004		2/18	
	PWR		003		2/21,2/47	
GRD13	GRD		000			
	GRD		036			
	GRD		037			
	GRD		103			
	GRD		136			
	GRD		137			
	GRD		140			
	GRD		141			
	GRD		200			
	GRD		300			
RB0	IO		017		1/15	P/TB0
RB11	IO		220		1/15	P/TB11
RB13	IO		224		1/15	P/TB13
RB15	IO		024		1/15	P/TB15
RB16	IO		032		1/14	P/TB16
RB18	IO		232		1/14	P/TB18
RB2	IO		217		1/15	P/TB2
RB20	IO		242		1/14	P/TB20
RB22	IO		042		1/14	P/TB22
RB25	IO		035		1/14	P/TB25
RB27	IO		235		1/14	P/TB27
RB29	IO		245		1/14	P/TB29
RB31	IO		045		1/14	P/TB31
RB33	IO		019		1/18	P/TB33
RB35	IO		219		1/18	P/TB35
RB37	IO		223		1/18	P/TB37
RB39	IO		023		1/18	P/TB39
RB4	IO		221		1/15	P/TB4
RB40	IO		018		1/18	P/TB40
RB42	IO		218		1/18	P/TB42
RB44	IO		222		1/18	P/TB44

SYMBOL NO. 18 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG8	13-112	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RB46	IO		022		1/18	P/TB46
RB49	IO		034		1/21	P/TB49
RB51	IO		234		1/21	P/TB51
RB53	IO		244		1/21	P/TB53
RB55	IO		044		1/21	P/TB55
RB56	IO		033		1/21	P/TB56
RB58	IO		233		1/21	P/TB58
RB6	IO		021		1/15	P/TB6
RB60	IO		243		1/21	P/TB60
RB62	IO		043		1/21	P/TB62
RB9	IO		020		1/15	P/TB9
RMTSRT	IO		103		1/14	
R4000	IO		010		2/16	P/T4000
R4001	IO		011		2/16	P/T4001
R4002	IO		213		2/16	P/T4002
R4003	IO		215		2/16	P/T4003
R4010	IO		014		2/16	P/T4010
R4011	IO		016		2/16	P/T4011
R4012	IO		210		2/16	P/T4012
R4013	IO		212		2/16	P/T4013
R4020	IO		013		2/16	
R4021	IO		015		2/16	P/T4021
R4022	IO		209		2/16	
R4023	IO		211		2/16	
R4030	IO		009		2/16	
R4031	IO		012		2/16	
R4032	IO		214		2/16	
R4033	IO		216		2/16	
R4040	IO		353		2/16	P/T4040
R4041	IO		351		2/16	P/T4041
R4042	IO		349		2/16	P/T4042
R4043	IO		347		2/16	P/T4043
R4050	IO		152		2/16	P/T4050
R4051	IO		150		2/16	P/T4051
R4052	IO		148		2/16	P/T4052
R4053	IO		146		2/16	P/T4053
R4060	IO		153		2/16	P/T4060
R4061	IO		151		2/16	P/T4061
R4062	IO		149		2/16	P/T4062
R4063	IO		147		2/16	
R4070	IO		352		2/16	P/T4070
R4071	IO		350		2/16	P/T4071
R4072	IO		348		2/16	
R4073	IO		346		2/16	
TB0	IO		117		1/15	P/RB0
TB11	IO		320		1/15	P/RB11
TB13	IO		324		1/15	P/RB13
TB15	IO		124		1/15	P/RB15
TB16	IO		132		1/14	P/RB16
TB18	IO		332		1/14	P/RB18
TB2	IO		317		1/15	P/RB2
TB20	IO		342		1/14	P/RB20
TB22	IO		142		1/14	P/RB22
TB25	IO		135		1/14	P/RB25
TB27	IO		335		1/14	P/RB27
TB29	IO		345		1/14	P/RB29
TB31	IO		145		1/14	P/RB31
TB33	IO		119		1/18	P/RB33
TB35	IO		319		1/18	P/RB35
TB37	IO		323		1/18	P/RB37

SYMBOL NO. 18 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG8	13-112	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
TB39	IO		123		1/18	P/RB39
TB4	IO		321		1/15	P/RB4
TB40	IO		118		1/18	P/RB40
TB42	IO		318		1/18	P/RB42
TB44	IO		322		1/18	P/RB44
TB46	IO		122		1/18	P/RB46
TB49	IO		134		1/21	P/RB49
TB51	IO		334		1/21	P/RB51
TB53	IO		344		1/21	P/RB53
TB55	IO		144		1/21	P/RB55
TB56	IO		133		1/21	P/RB56
TB58	IO		333		1/21	P/RB58
TB6	IO		121		1/15	P/RB6
TB60	IO		343		1/21	P/RB60
TB62	IO		143		1/21	P/RB62
TB9	IO		120		1/15	P/RB9
T4000	IO		110		2/17	P/R4000
T4001	IO		111		2/17	P/R4001
T4002	IO		313		2/17	P/R4002
T4003	IO		315		2/17	P/R4003
T4010	IO		114		2/17	P/R4010
T4011	IO		116		2/17	P/R4011
T4012	IO		310		2/17	P/R4012
T4013	IO		312		2/17	P/R4013
T4020	IO		113		2/17	
T4021	IO		115		2/17	P/R4021
T4022	IO		309		2/17	
T4023	IO		311		2/17	
T4030	IO		109		2/17	
T4031	IO		112		2/17	
T4032	IO		314		2/17	
T4033	IO		316		2/17	
T4040	IO		253		2/17	P/R4040
T4041	IO		251		2/17	P/R4041
T4042	IO		249		2/17	P/R4042
T4043	IO		247		2/17	P/R4043
T4050	IO		052		2/17	P/R4050
T4051	IO		050		2/17	P/R4051
T4052	IO		048		2/17	P/R4052
T4053	IO		046		2/17	P/R4053
T4060	IO		053		2/17	P/R4060
T4061	IO		051		2/17	P/R4061
T4062	IO		049		2/17	P/R4062
T4063	IO		047		2/17	
T4070	IO		252		2/17	P/R4070
T4071	IO		250		2/17	P/R4071
T4072	IO		248		2/17	
T4073	IO		246		2/17	
OASWG40	IO		237		1/13	
OCLG4	IO		241		1/13	

PART OF FS 2

SYMBOL(S) 17 18

LINE UNIT, MODEL 2

DWG SIZE: C2

ISSUE: 4B

AT&T BELL LABORATORIES

SD-5D052-02

B2CH

PART OF FS 2

LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 18 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG8	13-112	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0DG4	IO		338		1/13	
0EG40	IO		341		1/13	
0PAG40	IO		236		1/13	
0SLG4	IO		240		1/13	
0256KHZ4	ID		038		1/12	
1ASWG40	ID		337		2/13	
1CLG4	ID		339		2/13	
1DG4	IO		238		2/13	
1EG40	IO		239		2/13	
1PAG40	IO		336		2/13	
1SLG4	IO		340		2/13	
1256KHZ4	IO		138		2/12	

SYMBOL NO. 19

TIP AND RING GRID 4 (6:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-118	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R4100	IO		002		2/21 TO CAD 1 - CA	
R4101	IO		003		2/21 TO CAD 1 - CA	
R4102	IO		004		2/21 TO CAD 1 - CA	
R4103	IO		005		2/21 TO CAD 1 - CA	
R4110	IO		006		2/21 TO CAD 1 - CA	
R4111	IO		007		2/21 TO CAD 1 - CA	
R4112	IO		008		2/21 TO CAD 1 - CA	
R4113	IO		009		2/21 TO CAD 1 - CA	
R4120	IO		015		2/21 TO CAD 1 - CB	P/T4120
R4121	IO		016		2/21 TO CAD 1 - CB	
R4122	IO		017		2/21 TO CAD 1 - CB	P/T4122
R4123	IO		018		2/21 TO CAD 1 - CB	P/T4123
R4130	IO		019		2/21 TO CAD 1 - CB	P/T4130
R4131	IO		020		2/21 TO CAD 1 - CB	P/T4131
R4132	IO		021		2/21 TO CAD 1 - CB	P/T4132
R4133	IO		022		2/21 TO CAD 1 - CB	P/T4133
R4140	IO		034		2/21 TO CAD 1 - CU	
R4141	IO		035		2/21 TO CAD 1 - CU	
R4142	IO		036		2/21 TO CAD 1 - CU	
R4143	IO		037		2/21 TO CAD 1 - CU	
R4150	IO		038		2/21	

SYMBOL NO. 19 (CONT)

TIP AND RING GRID 4 (6:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-118	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					TO CAD 1 - CU	
R4151	IO		039		2/21 TO CAD 1 - CU	
R4152	IO		040		2/21 TO CAD 1 - CU	
R4153	IO		041		2/21 TO CAD 1 - CU	
R4160	IO		047		2/21 TO CAD 1 - CV	
R4161	IO		048		2/21 TO CAD 1 - CV	
R4162	IO		049		2/21 TO CAD 1 - CV	
R4163	IO		050		2/21 TO CAD 1 - CV	P/T4163
R4170	IO		051		2/21 TO CAD 1 - CV	
R4171	IO		052		2/21 TO CAD 1 - CV	
R4172	IO		053		2/21 TO CAD 1 - CV	P/T4172
R4173	IO		054		2/21 TO CAD 1 - CV	P/T4173

SYMBOL NO. 20

TIP AND RING GRID 4 (6:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-119	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T4100	IO		002		2/21 TO CAD 1 - CA	
T4101	IO		003		2/21 TO CAD 1 - CA	
T4102	IO		004		2/21 TO CAD 1 - CA	
T4103	IO		005		2/21 TO CAD 1 - CA	
T4110	IO		006		2/21 TO CAD 1 - CA	
T4111	IO		007		2/21 TO CAD 1 - CA	
T4112	IO		008		2/21 TO CAD 1 - CA	
T4113	IO		009		2/21 TO CAD 1 - CA	
T4120	IO		015		2/21 TO CAD 1 - CB	P/R4120
T4121	IO		016		2/21 TO CAD 1 - CB	
T4122	IO		017		2/21 TO CAD 1 - CB	P/R4122
T4123	IO		018		2/21 TO CAD 1 - CB	P/R4123
T4130	IO		019		2/21 TO CAD 1 - CB	P/R4130
T4131	IO		020		2/21 TO CAD 1 - CB	P/R4131
T4132	IO		021		2/21 TO CAD 1 - CB	P/R4132

SYMBOL NO. 20 (CONT)

TIP AND RING GRID 4 (6:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-119	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T4133	IO		022		2/21 TO CAD 1 - CB	P/R4133
T4140	IO		034		2/21 TO CAD 1 - CU	
T4141	IO		035		2/21 TO CAD 1 - CU	
T4142	IO		036		2/21 TO CAD 1 - CU	
T4143	IO		037		2/21 TO CAD 1 - CU	
T4150	IO		038		2/21 TO CAD 1 - CU	
T4151	IO		039		2/21 TO CAD 1 - CU	
T4152	IO		040		2/21 TO CAD 1 - CU	
T4153	IO		041		2/21 TO CAD 1 - CU	
T4160	IO		047		2/21 TO CAD 1 - CV	
T4161	IO		048		2/21 TO CAD 1 - CV	
T4162	IO		049		2/21 TO CAD 1 - CV	
T4163	IO		050		2/21 TO CAD 1 - CV	P/R4163
T4170	IO		051		2/21 TO CAD 1 - CV	
T4171	IO		052		2/21 TO CAD 1 - CV	
T4172	IO		053		2/21 TO CAD 1 - CV	P/R4172
T4173	IO		054		2/21 TO CAD 1 - CV	P/R4173

SYMBOL NO. 21

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG9	13-120	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD		301		2/18	
	GRD		302		2/18	
	GRD		303		2/18	
	GRD		304		2/18	
	GRD		306		2/18	
	GRD		307		2/18	
	GRD		308		2/18	
	GRD		355		2/18	
	GRD		356		2/18	
-48VZA	PWR		003		2/18	
	PWR		004		2/18	
GRD13	GRD		000			
	GRD		036			
	GRD		037			
	GRD		100			
	GRD		136			
	GRD		137			
	GRD		140			
	GRD		141			
	GRD		200			
	GRD		300			
RB1	IO		019		1/15	P/TB1
RB10	IO		218		1/15	P/TB10
RB12	IO		222		1/15	P/TB12
RB14	IO		022		1/15	P/TB14
RB17	IO		034		1/14	P/TB17
RB19	IO		234		1/14	P/TB19
RB21	IO		244		1/14	P/TB21
RB23	IO		044		1/14	P/TB23
RB24	IO		033		1/14	P/TB24
RB26	IO		233		1/14	P/TB26
RB28	IO		243		1/14	P/TB28
RB3	IO		219		1/15	P/TB3
RB30	IO		043		1/14	P/TB30
RB32	IO		017		1/21	P/TB32
RB34	IO		217		1/21	P/TB34
RB36	IO		221		1/21	P/TB36
RB38	IO		021		1/21	P/TB38
RB41	IO		020		1/21	P/TB41
RB43	IO		220		1/21	P/TB43
RB45	IO		224		1/21	P/TB45
RB47	IO		024		1/21	P/TB47
RB48	IO		032		1/18	P/TB48
RB5	IO		223		1/15	P/TB5
RB50	IO		232		1/18	P/TB50
RB52	IO		242		1/18	P/TB52
RB54	IO		042		1/18	P/TB54
RB57	IO		035		1/18	P/TB57
RB59	IO		235		1/18	P/TB59
RB61	IO		245		1/18	P/TB61

SYMBOL NO. 21 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG9	13-120	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V10	PWR		106		2/27	305
+300V11	PWR		006		2/27	305
+5V04	PWR		001		1/1	
+5V13	PWR		101		1/1	
-48RTNA	GRD		055		2/18	
	GRD		056		2/18	
	GRD		155		2/18	
	GRD		156		2/18	
	GRD		203		2/18	
	GRD		204		2/18	
	GRD		206		2/18	
	GRD		207		2/18	
	GRD		208		2/18	
	GRD		255		2/18	
	GRD		256		2/18	

PART OF FS 2

SYMBOL(S) 18 19 20 21

LINE UNIT, MODEL 2

DWG SIZE	ISSUE
D2	4B

AT&T BELL LABORATORIES	SD-5D052-02	B2CJ

PART OF FS 2

LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 21 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG9	13-120	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RB63	IO		045		1/18	P/TB63
RB7	IO		023		1/15	P/TB7
RB8	IO		018		1/15	P/TB8
RMTSRT	IO		103		1/14	
R4100	IO		010		2/19	P/T4100
R4101	IO		011		2/19	P/T4101
R4102	IO		213		2/19	P/T4102
R4103	IO		215		2/19	P/T4103
R4110	IO		014		2/19	P/T4110
R4111	IO		016		2/19	P/T4111
R4112	IO		210		2/19	P/T4112
R4113	IO		212		2/19	P/T4113
R4120	IO		013		2/19	
R4121	IO		015		2/19	P/T4121
R4122	IO		209		2/19	
R4123	IO		211		2/19	
R4130	IO		009		2/19	
R4131	IO		012		2/19	
R4132	IO		214		2/19	
R4133	IO		216		2/19	
R4140	IO		353		2/19	P/T4140
R4141	IO		351		2/19	P/T4141
R4142	IO		349		2/19	P/T4142
R4143	IO		347		2/19	P/T4143
R4150	IO		152		2/19	P/T4150
R4151	IO		150		2/19	P/T4151
R4152	IO		148		2/19	P/T4152
R4153	IO		146		2/19	P/T4153
R4160	IO		153		2/19	P/T4160
R4161	IO		151		2/19	P/T4161
R4162	IO		149		2/19	P/T4162
R4163	IO		147		2/19	
R4170	IO		352		2/19	P/T4170
R4171	IO		350		2/19	P/T4171
R4172	IO		348		2/19	
R4173	IO		346		2/19	
TB1	IO		119		1/15	P/RB1
TB10	IO		318		1/15	P/RB10
TB12	IO		322		1/15	P/RB12
TB14	IO		122		1/15	P/RB14
TB17	IO		134		1/14	P/RB17
TB19	IO		334		1/14	P/RB19
TB21	IO		344		1/14	P/RB21
TB23	IO		144		1/14	P/RB23
TB24	IO		133		1/14	P/RB24
TB26	IO		333		1/14	P/RB26
TB28	IO		343		1/14	P/RB28
TB3	IO		319		1/15	P/RB3
TB30	IO		143		1/14	P/RB30
TB32	IO		117		1/21	P/RB32
TB34	IO		317		1/21	P/RB34
TB36	IO		321		1/21	P/RB36
TB38	IO		121		1/21	P/RB38
TB43	IO		320		1/21	P/RB43
TB41	IO		120		1/21	P/RB41
TB45	IO		324		1/21	P/RB45
TB47	IO		124		1/21	P/RB47
TB48	IO		132		1/18	P/RB48

SYMBOL NO. 21 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG9	13-120	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
TB5	IO		323		1/15	P/RB5
TB50	IO		332		1/18	P/RB50
TB52	IO		342		1/18	P/RB52
TB54	IO		142		1/18	P/RB54
TB57	IO		135		1/18	P/RB57
TB59	IO		335		1/18	P/RB59
TB61	IO		345		1/18	P/RB61
TB63	IO		145		1/18	P/RB63
TB7	IO		123		1/15	P/RB7
TB8	IO		118		1/15	P/RB8
T4100	IO		110		2/20	P/R4100
T4101	IO		111		2/20	P/R4101
T4102	IO		313		2/20	P/R4102
T4103	IO		315		2/20	P/R4103
T4110	IO		114		2/20	P/R4110
T4111	IO		116		2/20	P/R4111
T4112	IO		310		2/20	P/R4112
T4113	IO		312		2/20	P/R4113
T4120	IO		113		2/20	
T4121	IO		115		2/20	P/R4121
T4122	IO		309		2/20	
T4123	IO		311		2/20	
T4130	IO		109		2/20	
T4131	IO		112		2/20	
T4132	IO		314		2/20	
T4133	IO		316		2/20	
T4140	IO		253		2/20	P/R4140
T4141	IO		251		2/20	P/R4141
T4142	IO		249		2/20	P/R4142
T4143	IO		247		2/20	P/R4143
T4150	IO		052		2/20	P/R4150
T4151	IO		050		2/20	P/R4151
T4152	IO		048		2/20	P/R4152
T4153	IO		046		2/20	P/R4153
T4160	IO		053		2/20	P/R4160
T4161	IO		051		2/20	P/R4161
T4162	IO		049		2/20	P/R4162
T4163	IO		047		2/20	
T4170	IO		252		2/20	P/R4170
T4171	IO		250		2/20	P/R4171
T4172	IO		248		2/20	
T4173	IO		246		2/20	
0ASWG41	IO		237		1/13	
0CLG4	IO		241		1/13	
0DG4	IO		338		1/13	
0EG41	IO		341		1/13	
0PAG41	IO		236		1/13	
0SLG4	IO		240		1/13	
0256KHZ4	IO		038		1/12	
1ASWG41	IO		337		2/13	
1CLG4	IO		339		2/13	
1DG4	IO		238		2/13	
1EG41	IO		239		2/13	
1PAG41	IO		336		2/13	
1SLG4	IO		340		2/13	
1256KHZ4	IO		138		2/12	

SYMBOL NO. 22

TIP AND RING GRID 5 (6:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-126	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R5000	IO		002		2/24 TO CAD 1 - BY	
R5001	IO		003		2/24 TO CAD 1 - BY	
R5002	IO		004		2/24 TO CAD 1 - BY	
R5003	IO		005		2/24 TO CAD 1 - BY	
R5010	IO		006		2/24 TO CAD 1 - BY	
R5011	IO		007		2/24 TO CAD 1 - BY	
R5012	IO		008		2/24 TO CAD 1 - BY	
R5013	IO		009		2/24 TO CAD 1 - BY	
R5020	IO		015		2/24 TO CAD 1 - BZ	P/T5020
R5021	IO		016		2/24 TO CAD 1 - BZ	
R5022	IO		017		2/24 TO CAD 1 - BZ	P/T5022
R5023	IO		018		2/24 TO CAD 1 - BZ	P/T5023
R5030	IO		019		2/24 TO CAD 1 - BZ	P/T5030
R5031	IO		020		2/24 TO CAD 1 - BZ	P/T5031
R5032	IO		021		2/24 TO CAD 1 - BZ	P/T5032
R5033	IO		022		2/24 TO CAD 1 - BZ	P/T5033
R5040	IO		034		2/24 TO CAD 1 - CS	
R5041	IO		035		2/24 TO CAD 1 - CS	
R5042	IO		036		2/24 TO CAD 1 - CS	
R5043	IO		037		2/24 TO CAD 1 - CS	
R5050	IO		038		2/24 TO CAD 1 - CS	
R5051	IO		039		2/24 TO CAD 1 - CS	
R5052	IO		040		2/24 TO CAD 1 - CS	
R5053	IO		041		2/24 TO CAD 1 - CS	
R5060	IO		047		2/24 TO CAD 1 - CT	
R5061	IO		048		2/24 TO CAD 1 - CT	
R5062	IO		049		2/24 TO CAD 1 - CT	
R5063	IO		050		2/24 TO CAD 1 - CT	P/T5063
R5070	IO		051		2/24 TO CAD 1 - CT	
R5071	IO		052		2/24 TO CAD 1 - CT	
R5072	IO		053		2/24 TO CAD 1 - CT	P/T5072
R5073	IO		054		2/24 TO CAD 1 - CT	P/T5073

PART OF FS 2
SYMBOL(S) 21 22

LINE UNIT, MODEL 2

DWG SIZE	ISSUE
C2	4B

AT&T BELL LABORATORIES	SD-5D052-02	B2CK

PART OF FS 2

LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 23

TIP AND RING GRID 5 (6:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-127	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T5000	IO		002		2/24 TO CAD 1 - BY	
T5001	IO		003		2/24 TO CAD 1 - BY	
T5002	IO		004		2/24 TO CAD 1 - BY	
T5003	IO		005		2/24 TO CAD 1 - BY	
T5010	IO		006		2/24 TO CAD 1 - BY	
T5011	IO		007		2/24 TO CAD 1 - BY	
T5012	IO		008		2/24 TO CAD 1 - BY	
T5013	IO		009		2/24 TO CAD 1 - BY	
T5020	IO		015		2/24 TO CAD 1 - BZ	P/R5020
T5021	IO		016		2/24 TO CAD 1 - BZ	
T5022	IO		017		2/24 TO CAD 1 - BZ	P/R5022
T5023	IO		018		2/24 TO CAD 1 - BZ	P/R5023
T5030	IO		019		2/24 TO CAD 1 - BZ	P/R5030
T5031	IO		020		2/24 TO CAD 1 - BZ	P/R5031
T5032	IO		021		2/24 TO CAD 1 - BZ	P/R5032
T5033	IO		022		2/24 TO CAD 1 - BZ	P/R5033
T5040	IO		034		2/24 TO CAD 1 - CS	
T5041	IO		035		2/24 TO CAD 1 - CS	
T5042	IO		036		2/24 TO CAD 1 - CS	
T5043	IO		037		2/24 TO CAD 1 - CS	
T5050	IO		038		2/24 TO CAD 1 - CS	
T5051	IO		039		2/24 TO CAD 1 - CS	
T5052	IO		040		2/24 TO CAD 1 - CS	
T5053	IO		041		2/24 TO CAD 1 - CS	
T5060	IO		047		2/24 TO CAD 1 - CT	
T5061	IO		048		2/24 TO CAD 1 - CT	
T5062	IO		049		2/24 TO CAD 1 - CT	
T5063	IO		050		2/24 TO CAD 1 - CT	P/R5063
T5070	IO		051		2/24 TO CAD 1 - CT	
T5071	IO		052		2/24 TO CAD 1 - CT	
T5072	IO		053		2/24 TO CAD 1 - CT	P/R5072
T5073	IO		054		2/24 TO CAD 1 - CT	P/R5073

SYMBOL NO. 24

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG10	13-128	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V08	PWR		006		2/18	305
+300VC9	PWR		106		2/18	305
+5V04	PWR		001		1/1	
+5V13	PWR		101		1/1	
-48RTNA	GRD		055		2/18	
	GRD		056		2/18	
	GRD		155		2/18	
	GRD		156		2/18	
	GRD		203		2/18	
	GRD		204		2/18	
	GRD		206		2/18	
	GRD		207		2/18	
	GRD		208		2/18	
	GRD		255		2/18	
	GRD		256		2/18	
	GRD		301		2/18	
	GRD		302		2/18	
	GRD		303		2/18	
	GRD		304		2/18	
	GRD		306		2/18	
	GRD		307		2/18	
	GRD		308		2/18	
	GRD		355		2/18	
	GRD		356		2/18	
-48V3A	PWR		004		2/24	
	PWR		003		2/27,2/49	
GRD13	GRD		000			
	GRD		036			
	GRD		037			
	GRD		100			
	GRD		136			
	GRD		137			
	GRD		140			
	GRD		141			
	GRD		200			
	GRD		300			
RB0	IO		017	1/15	P/TB0	
RB1	IO		019	1/15	P/TB1	
RB10	IO		218	1/15	P/TB10	
RB11	IO		220	1/15	P/TB11	
RB14	IO		022	1/15	P/TB14	
RB15	IO		024	1/15	P/TB15	
RB18	IO		232	1/14	P/TB18	
RB19	IO		234	1/14	P/TB19	
RB22	IO		042	1/14	P/TB22	
RB23	IO		044	1/14	P/TB23	
RB24	IO		033	1/14	P/TB24	
RB25	IO		035	1/14	P/TB25	
RB28	IO		243	1/14	P/TB28	
RB29	IO		245	1/14	P/TB29	
RB34	IO		217	1/21	P/TB34	
RB35	IO		219	1/18	P/TB35	
RB38	IO		021	1/21	P/TB38	
RB39	IO		023	1/18	P/TB39	
RB4	IO		221	1/15	P/TB4	
RB40	IO		018	1/18	P/TB40	
RB41	IO		020	1/21	P/TB41	
RB44	IO		222	1/18	P/TB44	
RB45	IO		224	1/21	P/TB45	
RB48	IO		032	1/18	P/TB48	

SYMBOL NO. 24 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG10	13-128	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RB49	IO		034		1/21	P/TB49
RB5	IO		223		1/15	P/TB5
RB52	IO		242		1/18	P/TB52
RB53	IO		244		1/21	P/TB53
RB58	IO		233		1/21	P/TB58
RB59	IO		235		1/18	P/TB59
RB62	IO		043		1/21	P/TB62
RB63	IO		045		1/18	P/TB63
RMTSRT	IO		103		1/14	
R5000	IO		010		2/22	P/T5000
R5001	IO		011		2/22	P/T5001
R5002	IO		213		2/22	P/T5002
R5003	IO		215		2/22	P/T5003
R5010	IO		014		2/22	P/T5010
R5011	IO		016		2/22	P/T5011
R5012	IO		210		2/22	P/T5012
R5013	IO		212		2/22	P/T5013
R5020	IO		013		2/22	
R5021	IO		015		2/22	P/T5021
R5022	IO		209		2/22	
R5023	IO		211		2/22	
R5030	IO		009		2/22	
R5031	IO		012		2/22	
R5032	IO		214		2/22	
R5033	IO		216		2/22	
R5040	IO		353		2/22	P/T5040
R5041	IO		351		2/22	P/T5041
R5042	IO		349		2/22	P/T5042
R5043	IO		347		2/22	P/T5043
R5050	IO		152		2/22	P/T5050
R5051	IO		150		2/22	P/T5051
R5052	IO		148		2/22	P/T5052
R5053	IO		146		2/22	P/T5053
R5060	IO		153		2/22	P/T5060
R5061	IO		151		2/22	P/T5061
R5062	IO		149		2/22	P/T5062
R5063	IO		147		2/22	
R5070	IO		352		2/22	P/T5070
R5071	IO		350		2/22	P/T5071
R5072	IO		348		2/22	
R5073	IO		346		2/22	
TB0	IO		117		1/15	P/RB0
TB1	IO		119		1/15	P/RB1
TB10	IO		318		1/15	P/RB10
TB11	IO		320		1/15	P/RB11
TB14	IO		122		1/15	P/RB14
TB15	IO		124		1/15	P/RB15
TB18	IO		352		1/14	P/RB18
TB19	IO		334		1/14	P/RB19
TB22	IO		142		1/14	P/RB22
TB23	IO		144		1/14	P/RB23
TB24	IO		133		1/14	P/RB24
TB25	IO		135		1/14	P/RB25
TB28	IO		343		1/14	P/RB28
TB29	IO		345		1/14	P/RB29
TB34	IO		317		1/21	P/RB34
TB35	IO		319		1/18	P/RB35
TB38	IO		121		1/21	P/RB38
TB39	IO		123		1/18	P/RB39
TB4	IO		321		1/15	P/RB4

SYMBOL NO. 24 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG10	13-128	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
TB40	IO		118		1/18	P/RB40
TB41	IO		120		1/21	P/RB41
TB44	IO		322		1/18	P/RB44
TB45	IO		324		1/21	P/RB45
TB48	IO		132		1/18	P/RB48
TB49	IO		134		1/21	P/RB49
TB5	IO		323		1/15	P/RB5
TB52	IO		342		1/18	P/RB52
TB53	IO		344		1/21	P/RB53
TB58	IO		333		1/21	P/RB58
TB59	IO		335		1/18	P/RB59
TB62	IO		143		1/21	P/RB62
TB63	IO		145		1/18	P/RB63
T5000	IO		110		2/23	P/R5000
T5001	IO		111		2/23	P/R5001
T5002	IO		313		2/23	P/R5002
T5003	IO		315		2/23	P/R5003
T5010	IO		114		2/23	P/R5010
T5011	IO		116		2/23	P/R5011
T5012	IO		310		2/23	P/R5012
T5013	IO		312		2/23	P/R5013
T5020	IO		113		2/23	
T5021	IO		115		2/23	P/R5021
T5022	IO		309		2/23	
T5023	IO		311		2/23	
T5030	IO		109		2/23	
T5031	IO		112		2/23	
T5032	IO		314		2/23	
T5033	IO		316		2/23	
T5040	IO		253		2/23	P/R5040
T5041	IO		251		2/23	P/R5041
T5042	IO		249		2/23	P/R5042
T5043	IO		247		2/23	P/R5043
T5050	IO		052		2/23	P/R5050
T5051	IO		050		2/23	P/R5051
T5052	IO		048		2/23	P/R5052
T5053	IO		046		2/23	P/R5053
T5060	IO		053		2/23	P/R5060
T5061	IO		051		2/23	P/R5061
T5062	IO		049		2/23	P/R5062
T5063	IO		047		2/23	
T5070	IO		252		2/23	P/R5070
T5071	IO		250		2/23	P/R5071
T5072	IO		248		2/23	
T5073	IO		246		2/23	
OASHG50	IO		237		1/13	
OCLG5	IO		241		1/13	
ODG5	IO		338		1/13	
OEG50	IO		341		1/13	
OPAG50	IO		236		1/13	

PART OF FS 2

SYMBOL(S) 23 24

LINE UNIT, MODEL 2

DWG SIZE	ISSUE
C2	4B

AT&T BELL LABORATORIES	SD-5D052-02	B2CL

PART OF FS 2

LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 24 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG10	13-128	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0SLG5	IO		240		1/13	
0256KHZ5	IO		038		1/12	
1A5WG50	IO		337		2/13	
1CLG5	IO		339		2/13	
1DG5	IO		238		2/13	
1EG50	IO		239		2/13	
1PAG50	IO		336		2/13	
1SLG5	IO		340		2/13	
1256KHZ5	IO		138		2/12	

SYMBOL NO. 25

TIP AND RING GRID 5 (6:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-134	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R5100	IO		002		2/27 TO CAD 1 - BW	
R5101	IO		003		2/27 TO CAD 1 - BW	
R5102	IO		004		2/27 TO CAD 1 - BW	
R5103	IO		005		2/27 TO CAD 1 - BW	
R5110	IO		006		2/27 TO CAD 1 - BW	
R5111	IO		007		2/27 TO CAD 1 - BW	
R5112	IO		008		2/27 TO CAD 1 - BW	
R5113	IO		009		2/27 TO CAD 1 - BW	
R5120	IO		015		2/27 TO CAD 1 - BX	P/T5120
R5121	IO		016		2/27 TO CAD 1 - BX	
R5122	IO		017		2/27 TO CAD 1 - BX	P/T5122
R5123	IO		018		2/27 TO CAD 1 - BX	P/T5123
R5130	IO		019		2/27 TO CAD 1 - BX	P/T5130
R5131	IO		020		2/27 TO CAD 1 - BX	P/T5131
R5132	IO		021		2/27 TO CAD 1 - BX	P/T5132
R5133	IO		022		2/27 TO CAD 1 - BX	P/T5133
R5140	IO		034		2/27 TO CAD 1 - CO	
R5141	IO		035		2/27 TO CAD 1 - CO	
R5142	IO		036		2/27 TO CAD 1 - CO	
R5143	IO		037		2/27 TO CAD 1 - CO	
R5150	IO		038		2/27 TO CAD 1 - CO	

SYMBOL NO. 25 (CONT)

TIP AND RING GRID 5 (6:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-134	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R5151	IO		039		2/27 TO CAD 1 - CO	
R5152	IO		040		2/27 TO CAD 1 - CO	
R5153	IO		041		2/27 TO CAD 1 - CO	
R5160	IO		047		2/27 TO CAD 1 - CR	
R5161	IO		048		2/27 TO CAD 1 - CR	
R5162	IO		049		2/27 TO CAD 1 - CR	
R5163	IO		050		2/27 TO CAD 1 - CR	P/T5163
R5170	IO		051		2/27 TO CAD 1 - CR	
R5171	IO		052		2/27 TO CAD 1 - CR	
R5172	IO		053		2/27 TO CAD 1 - CR	P/T5172
R5173	IO		054		2/27 TO CAD 1 - CR	P/T5173

SYMBOL NO. 26

TIP AND RING GRID 5 (6:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-135	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T5100	IO		002		2/27 TO CAD 1 - BW	
T5101	IO		003		2/27 TO CAD 1 - BW	
T5102	IO		004		2/27 TO CAD 1 - BW	
T5103	IO		005		2/27 TO CAD 1 - BW	
T5110	IO		006		2/27 TO CAD 1 - BW	
T5111	IO		007		2/27 TO CAD 1 - BW	
T5112	IO		008		2/27 TO CAD 1 - BW	
T5113	IO		009		2/27 TO CAD 1 - BW	
T5120	IO		015		2/27 TO CAD 1 - BX	P/R5120
T5121	IO		016		2/27 TO CAD 1 - BX	
T5122	IO		017		2/27 TO CAD 1 - BX	P/R5122
T5123	IO		018		2/27 TO CAD 1 - BX	P/R5123
T5130	IO		019		2/27 TO CAD 1 - BX	P/R5130
T5131	IO		020		2/27 TO CAD 1 - BX	P/R5131
T5132	IO		021		2/27 TO CAD 1 - BX	P/R5132

SYMBOL NO. 26 (CONT)

TIP AND RING GRID 5 (6:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-135	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T5133	IO		022		2/27 TO CAD 1 - BX	P/R5133
T5140	IO		034		2/27 TO CAD 1 - CO	
T5141	IO		035		2/27 TO CAD 1 - CO	
T5142	IO		036		2/27 TO CAD 1 - CO	
T5143	IO		037		2/27 TO CAD 1 - CO	
T5150	IO		038		2/27 TO CAD 1 - CO	
T5151	IO		039		2/27 TO CAD 1 - CO	
T5152	IO		040		2/27 TO CAD 1 - CO	
T5153	IO		041		2/27 TO CAD 1 - CO	
T5160	IO		047		2/27 TO CAD 1 - CR	
T5161	IO		048		2/27 TO CAD 1 - CR	
T5162	IO		049		2/27 TO CAD 1 - CR	
T5163	IO		050		2/27 TO CAD 1 - CR	P/R5163
T5170	IO		051		2/27 TO CAD 1 - CR	
T5171	IO		052		2/27 TO CAD 1 - CR	
T5172	IO		053		2/27 TO CAD 1 - CR	P/R5172
T5173	IO		054		2/27 TO CAD 1 - CR	P/R5173

SYMBOL NO. 27

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG11	13-136	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V10	PWR		006		2/21	305
+300V11	PWR		106		2/21	305
+5V04	PWR		001		1/1	
+5V13	PWR		101		1/1	
-48RTNA	GRD		055		2/18	
	GRD		056		2/18	
	GRD		155		2/18	
	GRD		156		2/18	
	GRD		203		2/18	
	GRD		204		2/18	
	GRD		206		2/18	
	GRD		207		2/18	
	GRD		208		2/18	
	GRD		255		2/18	
	GRD		256		2/18	

SYMBOL NO. 27 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG11	13-136	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD		301		2/18	
	GRD		302		2/18	
	GRD		303		2/18	
	GRD		304		2/18	
	GRD		306		2/18	
	GRD		307		2/18	
	GRD		308		2/18	
	GRD		355		2/18	
	GRD		356		2/18	
-48V3A	PWR		003		2/24	
	PWR		004		2/24	
GRD13	GRD		000			
	GRD		036			
	GRD		037			
	GRD		100			
	GRD		136			
	GRD		137			
	GRD		140			
	GRD		141			
	GRD		200			
	GRD		300			
RB12	IO		222		1/15	P/TB12
RB13	IO		224		1/15	P/TB13
RB16	IO		032		1/14	P/TB16
RB17	IO		034		1/14	P/TB17
RB2	IO		217		1/15	P/TB2
RB20	IO		242		1/14	P/TB20
RB21	IO		244		1/14	P/TB21
RB26	IO		233		1/14	P/TB26
RB27	IO		235		1/14	P/TB27
RB3	IO		219		1/15	P/TB3
RB30	IO		043		1/14	P/TB30
RB31	IO		045		1/14	P/TB31
RB32	IO		017		1/21	P/TB32
RB33	IO		019		1/18	P/TB33
RB36	IO		221		1/21	P/TB36
RB37	IO		223		1/18	P/TB37
RB42	IO		218		1/18	P/TB42
RB43	IO		220		1/21	P/TB43
RB46	IO		022		1/18	P/TB46
RB47	IO		024		1/21	P/TB47
RB50	IO		232		1/18	P/TB50
RB51	IO		234		1/21	P/TB51
RB54	IO		042		1/18	P/TB54
RB55	IO		044		1/21	P/TB55
RB56	IO		033		1/21	P/TB56
RB57	IO		035		1/18	P/TB57
RB6	IO		021		1/15	P/TB6
RB60	IO		243		1/21	P/TB60
RB61	IO		245		1/18	P/TB61

PART OF FS 2

SYMBOL(S) 24 25 26 27

LINE UNIT, MODEL 2

DWG SIZE	ISSUE
C2	4B

AT&T BELL LABORATORIES	SD-5D052-02	B2CM

PART OF FS 2

LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 27 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG11	13-136	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RB7	IO		023		1/15	P/TB7
RB8	IO		018		1/15	P/TB8
RB9	IO		020		1/15	P/TB9
RMTSRT	IO		103		1/14	
R5100	IO		010		2/25	P/T5100
R5101	IO		011		2/25	P/T5101
R5102	IO		213		2/25	P/T5102
R5103	IO		215		2/25	P/T5103
R5110	IO		014		2/25	P/T5110
R5111	IO		016		2/25	P/T5111
R5112	IO		210		2/25	P/T5112
R5113	IO		212		2/25	P/T5113
R5120	IO		013		2/25	
R5121	IO		015		2/25	P/T5121
R5122	IO		209		2/25	
R5123	IO		211		2/25	
R5130	IO		009		2/25	
R5131	IO		012		2/25	
R5132	IO		214		2/25	
R5133	IO		216		2/25	
R5140	IO		353		2/25	P/T5140
R5141	IO		351		2/25	P/T5141
R5142	IO		349		2/25	P/T5142
R5143	IO		347		2/25	P/T5143
R5150	IO		152		2/25	P/T5150
R5151	IO		150		2/25	P/T5151
R5152	IO		148		2/25	P/T5152
R5153	IO		146		2/25	P/T5153
R5160	IO		153		2/25	P/T5160
R5161	IO		151		2/25	P/T5161
R5162	IO		149		2/25	P/T5162
R5163	IO		147		2/25	
R5170	IO		352		2/25	P/T5170
R5171	IO		350		2/25	P/T5171
R5172	IO		348		2/25	
R5173	IO		346		2/25	
TB12	IO		322		1/15	P/RB12
TB13	IO		324		1/15	P/RB13
TB16	IO		132		1/14	P/RB16
TB17	IO		134		1/14	P/RB17
TBZ	IO		317		1/15	P/RB2
TB20	IO		342		1/14	P/RB20
TB21	IO		344		1/14	P/RB21
TB26	IO		333		1/14	P/RB26
TB27	IO		335		1/14	P/RB27
TB3	IO		319		1/15	P/RB3
TB30	IO		143		1/14	P/RB30
TB31	IO		145		1/14	P/RB31
TB32	IO		117		1/21	P/RB32
TB33	IO		119		1/18	P/RB33
TB36	IO		321		1/21	P/RB36
TB37	IO		323		1/18	P/RB37
TB42	IO		318		1/18	P/RB42
TB43	IO		320		1/21	P/RB43
TB46	IO		122		1/18	P/RB46
TB47	IO		124		1/21	P/RB47
TB50	IO		332		1/18	P/RB50
TB51	IO		334		1/21	P/RB51

SYMBOL NO. 27 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG11	13-136	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
TB54	IO		142		1/18	P/RB54
TB55	IO		144		1/21	P/RB55
TB56	IO		133		1/21	P/RB56
TB57	IO		135		1/18	P/RB57
TB6	IO		121		1/15	P/RB6
TB60	IO		343		1/21	P/RB60
TB61	IO		345		1/18	P/RB61
TB7	IO		123		1/15	P/RB7
TB8	IO		118		1/15	P/RB8
TB9	IO		120		1/15	P/RB9
T5100	IO		110		2/26	P/R5100
T5101	IO		111		2/26	P/R5101
T5102	IO		313		2/26	P/R5102
T5103	IO		315		2/26	P/R5103
T5110	IO		114		2/26	P/R5110
T5111	IO		116		2/26	P/R5111
T5112	IO		310		2/26	P/R5112
T5113	IO		312		2/26	P/R5113
T5120	IO		113		2/26	
T5121	IO		115		2/26	P/R5121
T5122	IO		309		2/26	
T5123	IO		311		2/26	
T5130	IO		109		2/26	
T5131	IO		112		2/26	
T5132	IO		314		2/26	
T5133	IO		316		2/26	
T5140	IO		253		2/26	P/R5140
T5141	IO		251		2/26	P/R5141
T5142	IO		249		2/26	P/R5142
T5143	IO		247		2/26	P/R5143
T5150	IO		052		2/26	P/R5150
T5151	IO		050		2/26	P/R5151
T5152	IO		048		2/26	P/R5152
T5153	IO		046		2/26	P/R5153
T5160	IO		053		2/26	P/R5160
T5161	IO		051		2/26	P/R5161
T5162	IO		049		2/26	P/R5162
T5163	IO		047		2/26	
T5170	IO		252		2/26	P/R5170
T5171	IO		250		2/26	P/R5171
T5172	IO		248		2/26	
T5173	IO		246		2/26	
0ASWG51	IO		237		1/13	
0CLG5	IO		241		1/13	
0DG5	IO		338		1/13	
0EG51	IO		341		1/13	
0PAG51	IO		236		1/13	
0SLG5	IO		240		1/13	
0Z56KHZ5	IO		038		1/12	
1ASWG51	IO		337		2/13	
1CLG5	IO		339		2/13	
1DG5	IO		238		2/13	
1EG51	IO		239		2/13	
1PAG51	IO		336		2/13	
1SLG5	IO		340		2/13	
1256KHZ5	IO		138		2/12	

SYMBOL NO. 28

TIP AND RING GRID 6 (8:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-142	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R6000	IO		002		2/30 TO CAD 1 - BU	
R6001	IO		003		2/30 TO CAD 1 - BU	
R6002	IO		004		2/30 TO CAD 1 - BU	
R6003	IO		005		2/30 TO CAD 1 - BU	
R6010	IO		006		2/30 TO CAD 1 - BU	
R6011	IO		007		2/30 TO CAD 1 - BU	
R6012	IO		008		2/30 TO CAD 1 - BU	
R6013	IO		009		2/30 TO CAD 1 - BU	
R6020	IO		015		2/30 TO CAD 1 - BV	P/T6020
R6021	IO		016		2/30 TO CAD 1 - BV	
R6022	IO		017		2/30 TO CAD 1 - BV	P/T6022
R6023	IO		018		2/30 TO CAD 1 - BV	P/T6023
R6030	IO		019		2/30 TO CAD 1 - BV	P/T6030
R6031	IO		020		2/30 TO CAD 1 - BV	P/T6031
R6032	IO		021		2/30 TO CAD 1 - BV	P/T6032
R6033	IO		022		2/30 TO CAD 1 - BV	P/T6033
R6040	IO		034		2/30 TO CAD 1 - CO	
R6041	IO		035		2/30 TO CAD 1 - CO	
R6042	IO		036		2/30 TO CAD 1 - CO	
R6043	IO		037		2/30 TO CAD 1 - CO	
R6050	IO		038		2/30 TO CAD 1 - CO	
R6051	IO		039		2/30 TO CAD 1 - CO	
R6052	IO		040		2/30 TO CAD 1 - CO	
R6053	IO		041		2/30 TO CAD 1 - CO	
R6060	IO		047		2/30 TO CAD 1 - CP	
R6061	IO		048		2/30 TO CAD 1 - CP	
R6062	IO		049		2/30 TO CAD 1 - CP	
R6063	IO		050		2/30 TO CAD 1 - CP	P/T6063
R6070	IO		051		2/30 TO CAD 1 - CP	
R6071	IO		052		2/30 TO CAD 1 - CP	
R6072	IO		053		2/30 TO CAD 1 - CP	P/T6072
R6073	IO		054		2/30 TO CAD 1 - CP	P/T6073

PART OF FS 2

SYMBOL(S) 27 28

LINE UNIT, MODEL 2

DWG SIZE D2

ISSUE 4B

AT&T BELL LABORATORIES

SD-50052-02

B2CN

PART OF FS 2

LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 29

TIP AND RING GRID 6 (8:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-143	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T6000	IO		002		2/30 TO CAD 1 - BU	
T6001	IO		003		2/30 TO CAD 1 - BU	
T6002	IO		004		2/30 TO CAD 1 - BU	
T6003	IO		005		2/30 TO CAD 1 - BU	
T6010	IO		006		2/30 TO CAD 1 - BU	
T6011	IO		007		2/30 TO CAD 1 - BU	
T6012	IO		008		2/30 TO CAD 1 - BU	
T6013	IO		009		2/30 TO CAD 1 - BU	
T6020	IO		015		2/30 TO CAD 1 - BV	P/R6020
T6021	IO		016		2/30 TO CAD 1 - BV	
T6022	IO		017		2/30 TO CAD 1 - BV	P/R6022
T6023	IO		018		2/30 TO CAD 1 - BV	P/R6023
T6030	IO		019		2/30 TO CAD 1 - BV	P/R6030
T6031	IO		020		2/30 TO CAD 1 - BV	P/R6031
T6032	IO		021		2/30 TO CAD 1 - BV	P/R6032
T6033	IO		022		2/30 TO CAD 1 - BV	P/R6033
T6040	IO		034		2/30 TO CAD 1 - CO	
T6041	IO		035		2/30 TO CAD 1 - CO	
T6042	IO		036		2/30 TO CAD 1 - CO	
T6043	IO		037		2/30 TO CAD 1 - CO	
T6050	IO		038		2/30 TO CAD 1 - CO	
T6051	IO		039		2/30 TO CAD 1 - CO	
T6052	IO		040		2/30 TO CAD 1 - CO	
T6053	IO		041		2/30 TO CAD 1 - CO	
T6060	IO		047		2/30 TO CAD 1 - CP	
T6061	IO		048		2/30 TO CAD 1 - CP	
T6062	IO		049		2/30 TO CAD 1 - CP	
T6063	IO		050		2/30 TO CAD 1 - CP	P/R6063
T6070	IO		051		2/30 TO CAD 1 - CP	
T6071	IO		052		2/30 TO CAD 1 - CP	
T6072	IO		053		2/30 TO CAD 1 - CP	P/R6072
T6073	IO		054		2/30 TO CAD 1 - CP	P/R6073

SYMBOL NO. 30

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG12	13-144	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V12	PWR		106		2/36	305
+300V13	PWR		006		2/36	505
+5V04	PWR		001		1/1	
+5V13	PWR		101		1/1	
-48RTNA	GRD		055		2/18	
	GRD		056		2/18	
	GRD		155		2/18	
	GRD		156		2/18	
	GRD		203		2/18	
	GRD		204		2/18	
	GRD		206		2/18	
	GRD		207		2/18	
	GRD		208		2/18	
	GRD		255		2/18	
	GRD		256		2/18	
	GRD		301		2/18	
	GRD		302		2/18	
	GRD		303		2/18	
	GRD		304		2/18	
	GRD		306		2/18	
	GRD		307		2/18	
	GRD		308		2/18	
	GRD		355		2/18	
	GRD		356		2/18	
-48V4A	PWR		003		2/30	
	PWR		004		2/35,2/51	
GRD13	GRD		000			
	GRD		036			
	GRD		037			
	GRD		100			
	GRD		136			
	GRD		137			
	GRD		140			
	GRD		141			
	GRD		200			
	GRD		300			
RB0	IO		017		1/15	P/TB0
RB10	IO		218		1/15	P/TB10
RB13	IO		224		1/15	P/TB13
RB15	IO		024		1/15	P/TB15
RB17	IO		034		1/14	P/TB17
RB19	IO		234		1/14	P/TB19
RB2	IO		217		1/15	P/TB2
RB20	IO		242		1/14	P/TB20
RB22	IO		042		1/14	P/TB22
RB25	IO		035		1/14	P/TB25
RB27	IO		235		1/14	P/TB27
RB28	IO		243		1/14	P/TB28
RB30	IO		043		1/14	P/TB30
RB33	IO		019		1/18	P/TB33
RB35	IO		219		1/18	P/TB35
RB36	IO		221		1/21	P/TB36
RB38	IO		021		1/21	P/TB38
RB41	IO		020		1/21	P/TB41
RB43	IO		220		1/21	P/TB43
RB44	IO		222		1/18	P/TB44
RB46	IO		022		1/18	P/TB46
RB48	IO		032		1/18	P/TB48
RB5	IO		223		1/15	P/TB5
RB50	IO		232		1/18	P/TB50

SYMBOL NO. 30 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG12	13-144	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RB53	IO		244		1/21	P/TB53
RB55	IO		044		1/21	P/TB55
RB56	IO		033		1/21	P/TB56
RB58	IO		233		1/21	P/TB58
RB61	IO		245		1/18	P/TB61
RB63	IO		045		1/18	P/TB63
RB7	IO		023		1/15	P/TB7
RB8	IO		018		1/15	P/TB8
RMTSRT	IO		103		1/14	
R6000	IO		010		2/28	P/T6000
R6001	IO		011		2/28	P/T6001
R6002	IO		213		2/28	P/T6002
R6003	IO		215		2/28	P/T6003
R6010	IO		014		2/28	P/T6010
R6011	IO		016		2/28	P/T6011
R6012	IO		210		2/28	P/T6012
R6013	IO		212		2/28	P/T6013
R6020	IO		013		2/28	
R6021	IO		015		2/28	P/T6021
R6022	IO		209		2/28	
R6023	IO		211		2/28	
R6030	IO		009		2/28	
R6031	IO		012		2/28	
R6032	IO		214		2/28	
R6033	IO		216		2/28	
R6040	IO		353		2/28	P/T6040
R6041	IO		351		2/28	P/T6041
R6042	IO		349		2/28	P/T6042
R6043	IO		347		2/28	P/T6043
R6050	IO		152		2/28	P/T6050
R6051	IO		150		2/28	P/T6051
R6052	IO		148		2/28	P/T6052
R6053	IO		146		2/28	P/T6053
R6060	IO		153		2/28	P/T6060
R6061	IO		151		2/28	P/T6061
R6062	IO		149		2/28	P/T6062
R6065	IO		147		2/28	
R6070	IO		352		2/28	P/T6070
R6071	IO		350		2/28	P/T6071
R6072	IO		348		2/28	
R6073	IO		346		2/28	
TB0	IO		117		1/15	P/RB0
TB10	IO		318		1/15	P/RB10
TB13	IO		324		1/15	P/RB13
TB15	IO		124		1/15	P/RB15
TB17	IO		134		1/14	P/RB17
TB19	IO		334		1/14	P/RB19
TB2	IO		317		1/15	P/RB2
TB20	IO		342		1/14	P/RB20
TB22	IO		142		1/14	P/RB22
TB25	IO		135		1/14	P/RB25
TB27	IO		335		1/14	P/RB27
TB28	IO		343		1/14	P/RB28
TB30	IO		143		1/14	P/RB30
TB33	IO		119		1/18	P/RB33
TB35	IO		319		1/18	P/RB35
TB36	IO		321		1/21	P/RB36
TB38	IO		121		1/21	P/RB38
TB41	IO		120		1/21	P/RB41
TB43	IO		320		1/21	P/RB43

SYMBOL NO. 30 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG12	13-144	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
TB44	IO		322		1/18	P/RB44
TB46	IO		122		1/18	P/RB46
TB48	IO		132		1/18	P/RB48
TB5	IO		323		1/15	P/RB5
TB50	IO		332		1/18	P/RB50
TB53	IO		344		1/21	P/RB53
TB55	IO		144		1/21	P/RB55
TB56	IO		133		1/21	P/RB56
TB58	IO		333		1/21	P/RB58
TB61	IO		345		1/18	P/RB61
TB63	IO		145		1/18	P/RB63
TB7	IO		123		1/15	P/RB7
TB8	IO		118		1/15	P/RB8
T6000	IO		110		2/29	P/R6000
T6001	IO		111		2/29	P/R6001
T6002	IO		313		2/29	P/R6002
T6003	IO		315		2/29	P/R6003
T6010	IO		114		2/29	P/R6010
T6011	IO		116		2/29	P/R6011
T6012	IO		310		2/29	P/R6012
T6013	IO		312		2/29	P/R6013
T6020	IO		113		2/29	
T6021	IO		115		2/29	P/R6021
T6022	IO		309		2/29	
T6023	IO		311		2/29	
T6030	IO		109		2/29	
T6031	IO		112		2/29	
T6032	IO		314		2/29	
T6033	IO		316		2/29	
T6040	IO		253		2/29	P/R6040
T6041	IO		251		2/29	P/R6041
T6042	IO		249		2/29	P/R6042
T6043	IO		247		2/29	P/R6043
T6050	IO		052		2/29	P/R6050
T6051	IO		050		2/29	P/R6051
T6052	IO		048		2/29	P/R6052
T6053	IO		046		2/29	P/R6053
T6060	IO		053		2/29	P/R6060
T6061	IO		051		2/29	P/R6061
T6062	IO		049		2/29	P/R6062
T6063	IO		047		2/29	
T6070	IO		252		2/29	P/R6070
T6071	IO		250		2/29	P/R6071
T6072	IO		248		2/29	
T6073	IO		246		2/29	
OASWG60	IO		237		1/13	
OCLG6	IO		241		1/13	
ODG6	IO		338		1/13	
OEG60	IO		341		1/13	
OPAG60	IO		236		1/13	

PART OF FS 2

SYMBOL(S) 29 30

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D052-02	B2CP

PART OF FS 2

LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 30 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG12	13-144	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0SLG6	IO		240		1/13	
0256KHZ6	IO		038		1/12	
1ASWG60	IO		337		2/13	
1CLG6	IO		339		2/13	
1DG6	IO		238		2/13	
1EG60	IO		239		2/13	
1PAG60	IO		336		2/13	
1SLG6	IO		340		2/13	
1256KHZ6	IO		138		2/12	

SYMBOL NO. 31

TIP AND RING GRID 6 (8:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-150	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R6100	IO		002		2/33 TO CAD 1 - BS	
R6101	IO		003		2/33 TO CAD 1 - BS	
R6102	IO		004		2/33 TO CAD 1 - BS	
R6103	IO		005		2/33 TO CAD 1 - BS	
R6110	IO		006		2/33 TO CAD 1 - BS	
R6111	IO		007		2/33 TO CAD 1 - BS	
R6112	IO		008		2/33 TO CAD 1 - BS	
R6113	IO		009		2/33 TO CAD 1 - BS	
R6120	IO		015		2/33 TO CAD 1 - BT	P/T6120
R6121	IO		016		2/33 TO CAD 1 - BT	
R6122	IO		017		2/33 TO CAD 1 - BT	P/T6122
R6123	IO		018		2/33 TO CAD 1 - BT	P/T6123
R6130	IO		019		2/33 TO CAD 1 - BT	P/T6130
R6131	IO		020		2/33 TO CAD 1 - BT	P/T6131
R6132	IO		021		2/33 TO CAD 1 - BT	P/T6132
R6133	IO		022		2/33 TO CAD 1 - BT	P/T6133
R6140	IO		034		2/33 TO CAD 1 - CM	
R6141	IO		035		2/33 TO CAD 1 - CM	
R6142	IO		036		2/33 TO CAD 1 - CM	
R6143	IO		037		2/33 TO CAD 1 - CM	
R6150	IO		038		2/33 TO CAD 1 - CM	

SYMBOL NO. 31 (CONT)

TIP AND RING GRID 6 (8:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-150	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R6151	IO		039		2/33 TO CAD 1 - CM	
R6152	IO		040		2/33 TO CAD 1 - CM	
R6153	IO		041		2/33 TO CAD 1 - CM	
R6160	IO		047		2/33 TO CAD 1 - CN	
R6161	IO		048		2/33 TO CAD 1 - CN	
R6162	IO		049		2/33 TO CAD 1 - CN	
R6163	IO		050		2/33 TO CAD 1 - CN	P/T6163
R6170	IO		051		2/33 TO CAD 1 - CN	
R6171	IO		052		2/33 TO CAD 1 - CN	
R6172	IO		053		2/33 TO CAD 1 - CN	P/T6172
R6173	IO		054		2/33 TO CAD 1 - CN	P/T6173

SYMBOL NO. 32

TIP AND RING GRID 6 (8:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-151	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T6100	IO		002		2/33 TO CAD 1 - BS	
T6101	IO		003		2/33 TO CAD 1 - BS	
T6102	IO		004		2/33 TO CAD 1 - BS	
T6102	IO		005		2/33 TO CAD 1 - BS	
T6110	IO		006		2/33 TO CAD 1 - BS	
T6111	IO		007		2/33 TO CAD 1 - BS	
T6112	IO		008		2/33 TO CAD 1 - BS	
T6113	IO		009		2/33 TO CAD 1 - BS	
T6120	IO		015		2/33 TO CAD 1 - BT	P/R6120
T6121	IO		016		2/33 TO CAD 1 - BT	
T6122	IO		017		2/33 TO CAD 1 - BT	P/R6122
T6123	IO		018		2/33 TO CAD 1 - BT	P/R6123
T6130	IO		019		2/33 TO CAD 1 - BT	P/R6130
T6131	IO		020		2/33 TO CAD 1 - BT	P/R6131
T6132	IO		021		2/33 TO CAD 1 - BT	P/R6132

SYMBOL NO. 32 (CONT)

TIP AND RING GRID 6 (8:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-151	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T6133	IO		022		2/33 TO CAD 1 - BT	P/R6133
T6140	IO		034		2/33 TO CAD 1 - CM	
T6141	IO		035		2/33 TO CAD 1 - CM	
T6142	IO		036		2/33 TO CAD 1 - CM	
T6143	IO		037		2/33 TO CAD 1 - CM	
T6150	IO		038		2/33 TO CAD 1 - CM	
T6151	IO		039		2/33 TO CAD 1 - CM	
T6152	IO		040		2/33 TO CAD 1 - CM	
T6153	IO		041		2/33 TO CAD 1 - CM	
T6160	IO		047		2/33 TO CAD 1 - CN	
T6161	IO		048		2/33 TO CAD 1 - CN	
T6162	IO		049		2/33 TO CAD 1 - CN	
T6163	IO		050		2/33 TO CAD 1 - CN	P/R6163
T6170	IO		051		2/33 TO CAD 1 - CN	
T6171	IO		052		2/33 TO CAD 1 - CN	
T6172	IO		053		2/33 TO CAD 1 - CN	P/R6172
T6173	IO		054		2/33 TO CAD 1 - CN	P/R6173

SYMBOL NO. 33

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG13	13-152	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
*300V14	PWR		106		2/39	305
*300V15	PWR		006		2/39	305
*5V04	PWR		001		1/1	
*5V13	PWR		101		1/1	
-48RTNA	GRD		055		2/18	
	GRD		056		2/18	
	GRD		155		2/18	
	GRD		156		2/18	
	GRD		203		2/18	
	GRD		204		2/18	
	GRD		206		2/18	
	GRD		207		2/18	
	GRD		208		2/18	
	GRD		255		2/18	
	GRD		256		2/18	

SYMBOL NO. 33 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG13	13-152	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD		301		2/18	
	GRD		302		2/18	
	GRD		303		2/18	
	GRD		304		2/18	
	GRD		306		2/18	
	GRD		307		2/18	
	GRD		308		2/18	
	GRD		355		2/18	
	GRD		356		2/18	
-48V4A	PWR		003		2/30	
	PWR		004		2/30	
GRD13	GRD		000			
	GRD		036			
	GRD		037			
	GRD		100			
	GRD		136			
	GRD		137			
	GRD		140			
	GRD		141			
	GRD		200			
	GRD		300			
R81	IO		019		1/15	P/TB1
RB11	IO		220		1/15	P/TB11
RB12	IO		222		1/15	P/TB12
RB14	IO		022		1/15	P/TB14
RB16	IO		032		1/14	P/TB16
RB18	IO		232		1/14	P/TB18
RB21	IO		244		1/14	P/TB21
RB23	IO		044		1/14	P/TB23
RB24	IO		033		1/14	P/TB24
R326	IO		233		1/14	P/TB26
RB29	IO		245		1/14	P/TB29
RB3	IO		219		1/15	P/TB3
RB31	IO		045		1/14	P/TB31
RB32	IO		017		1/21	P/TB32
RB34	IO		217		1/21	P/TB34
RB37	IO		223		1/18	P/TB37
RB39	IO		023		1/18	P/TB39
RB4	IO		221		1/15	P/TB4
RB40	IO		018		1/18	P/TB40
RB42	IO		218		1/18	P/TB42
RB45	IO		224		1/21	P/TB45
RB47	IO		024		1/21	P/TB47
RB49	IO		034		1/21	P/TB49
RB51	IO		234		1/21	P/TB51
RB52	IO		242		1/18	P/TB52
RB54	IO		042		1/18	P/TB54
RB57	IO		035		1/18	P/TB57
RB59	IO		235		1/18	P/TB59
RB6	IO		021		1/15	P/TB6

PART OF FS 2

SYMBOL(S) 30 31 32 33

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D052-02	B2CR

PART OF FS 2

LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 33 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG13	13-152	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RB60	10		243		1/21	P/TB60
RB62	10		043		1/21	P/TB62
RB9	10		020		1/15	P/TB9
RMTSRT	10		103		1/14	
R6100	10		010		2/31	P/T6100
R6101	10		011		2/31	P/T6101
R6102	10		213		2/31	P/T6102
R6103	10		215		2/31	P/T6103
R6110	10		014		2/31	P/T6110
R6111	10		016		2/31	P/T6111
R6112	10		210		2/31	P/T6112
R6113	10		212		2/31	P/T6113
R6120	10		013		2/31	
R6121	10		015		2/31	P/T6121
R6122	10		209		2/31	
R6123	10		211		2/31	
R6130	10		009		2/31	
R6131	10		012		2/31	
R6132	10		214		2/31	
R6133	10		216		2/31	
R6140	10		353		2/31	P/T6140
R6141	10		351		2/31	P/T6141
R6142	10		349		2/31	P/T6142
R6143	10		347		2/31	P/T6143
R6150	10		152		2/31	P/T6150
R6151	10		150		2/31	P/T6151
R6152	10		148		2/31	P/T6152
R6153	10		146		2/31	P/T6153
R6160	10		153		2/31	P/T6160
R6161	10		151		2/31	P/T6161
R6162	10		149		2/31	P/T6162
R6163	10		147		2/31	
R6170	10		352		2/31	P/T6170
R6171	10		350		2/31	P/T6171
R6172	10		348		2/31	
R6173	10		346		2/31	
TB1	10		119		1/15	P/RB1
TB11	10		320		1/15	P/RB11
TB12	10		322		1/15	P/RB12
TB14	10		122		1/15	P/RB14
TB16	10		132		1/14	P/RB16
TB18	10		332		1/14	P/RB18
TB21	10		344		1/14	P/RB21
TB23	10		144		1/14	P/RB23
TB24	10		133		1/14	P/RB24
TB26	10		333		1/14	P/RB26
TB29	10		345		1/14	P/RB29
TB3	10		319		1/15	P/RB3
TB31	10		145		1/14	P/RB31
TB32	10		117		1/21	P/RB32
TB34	10		317		1/21	P/RB34
TB37	10		323		1/18	P/RB37
TB39	10		123		1/18	P/RB39
TB4	10		321		1/15	P/RB4
TB40	10		118		1/18	P/RB40
TB42	10		318		1/18	P/RB42
TB45	10		324		1/21	P/RB45
TB47	10		124		1/21	P/RB47

SYMBOL NO. 33 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG13	13-152	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
TB49	10		134		1/21	P/RB49
TB51	10		334		1/21	P/RB51
TB52	10		342		1/18	P/RB52
TB54	10		142		1/18	P/RB54
TB57	10		135		1/18	P/RB57
TB59	10		335		1/18	P/RB59
TB6	10		121		1/15	P/RB6
TB60	10		343		1/21	P/RB60
TB62	10		143		1/21	P/RB62
TB9	10		120		1/15	P/RB9
T6100	10		110		2/32	P/R6100
T6101	10		111		2/32	P/R6101
T6102	10		313		2/32	P/R6102
T6103	10		315		2/32	P/R6103
T6110	10		114		2/32	P/R6110
T6111	10		116		2/32	P/R6111
T6112	10		310		2/32	P/R6112
T6113	10		312		2/32	P/R6113
T6120	10		113		2/32	
T6121	10		115		2/32	P/R6121
T6122	10		309		2/32	
T6123	10		311		2/32	
T6130	10		109		2/32	
T6131	10		112		2/32	
T6132	10		314		2/32	
T6133	10		316		2/32	
T6140	10		253		2/32	P/R6140
T6141	10		251		2/32	P/R6141
T6142	10		249		2/32	P/R6142
T6143	10		247		2/32	P/R6143
T6150	10		052		2/32	P/R6150
T6151	10		050		2/32	P/R6151
T6152	10		048		2/32	P/R6152
T6153	10		046		2/32	P/R6153
T6160	10		053		2/32	P/R6160
T6161	10		051		2/32	P/R6161
T6162	10		049		2/32	P/R6162
T6163	10		047		2/32	
T6170	10		252		2/32	P/R6170
T6171	10		250		2/32	P/R6171
T6172	10		248		2/32	
T6173	10		246		2/32	
0ASWG61	10		237		1/13	
0CLG6	10		241		1/13	
0DG6	10		338		1/13	
0EG61	10		341		1/13	
0PAG61	10		236		1/13	
0SLG6	10		240		1/13	
0256KHZ6	10		038		1/12	
1ASWG61	10		337		2/13	
1CLG6	10		339		2/13	
1DG6	10		238		2/13	
1EG61	10		239		2/13	
1PAG61	10		336		2/13	
1SLG6	10		340		2/13	
1256KHZ6	10		138		2/12	

SYMBOL NO. 34

TIP AND RING GRID 7 (8:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-158	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R7000	10		002		2/36 TO CAD 1 - BQ	
R7001	10		003		2/36 TO CAD 1 - BQ	
R7002	10		004		2/36 TO CAD 1 - BQ	
R7003	10		005		2/36 TO CAD 1 - BQ	
R7010	10		006		2/36 TO CAD 1 - BQ	
R7011	10		007		2/36 TO CAD 1 - BQ	
R7012	10		008		2/36 TO CAD 1 - BQ	
R7013	10		009		2/36 TO CAD 1 - BQ	
R7020	10		015		2/36 TO CAD 1 - BR	P/T7020
R7021	10		016		2/36 TO CAD 1 - BR	
R7022	10		017		2/36 TO CAD 1 - BR	P/T7022
R7023	10		018		2/36 TO CAD 1 - BR	P/T7023
R7030	10		019		2/36 TO CAD 1 - BR	P/T7030
R7031	10		020		2/36 TO CAD 1 - BR	P/T7031
R7032	10		021		2/36 TO CAD 1 - BR	P/T7032
R7033	10		022		2/36 TO CAD 1 - BR	P/T7033
R7040	10		034		2/36 TO CAD 1 - CK	
R7041	10		035		2/36 TO CAD 1 - CK	
R7042	10		036		2/36 TO CAD 1 - CK	
R7043	10		037		2/36 TO CAD 1 - CK	
R7050	10		038		2/36 TO CAD 1 - CK	
R7051	10		039		2/36 TO CAD 1 - CK	
R7052	10		040		2/36 TO CAD 1 - CK	
R7053	10		041		2/36 TO CAD 1 - CK	
R7060	10		047		2/36 TO CAD 1 - CL	
R7061	10		048		2/36 TO CAD 1 - CL	
R7062	10		049		2/36 TO CAD 1 - CL	
R7063	10		050		2/36 TO CAD 1 - CL	P/T7063
R7070	10		051		2/36 TO CAD 1 - CL	
R7071	10		052		2/36 TO CAD 1 - CL	
R7072	10		053		2/36 TO CAD 1 - CL	P/T7072
R7073	10		054		2/36 TO CAD 1 - CL	P/T7073

PART OF FS 2
SYMBOL(S) 33 34

LINE UNIT, MODEL 2	DWG SIZE D2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D052-02	B2CT

PART OF FS 2

LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 35

TIP AND RING GRID 7 (8:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-159	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T7000	IO		002		2/36 TO CAD 1 - BQ	
T7001	IO		003		2/36 TO CAD 1 - BQ	
T7002	IO		004		2/36 TO CAD 1 - BQ	
T7003	IO		005		2/36 TO CAD 1 - BQ	
T7010	IO		006		2/36 TO CAD 1 - BQ	
T7011	IO		007		2/36 TO CAD 1 - BQ	
T7012	IO		008		2/36 TO CAD 1 - BQ	
T7013	IO		009		2/36 TO CAD 1 - BQ	
T7020	IO		015		2/36 TO CAD 1 - BR	P/R7020
T7021	IO		016		2/36 TO CAD 1 - BR	
T7022	IO		017		2/36 TO CAD 1 - BR	P/R7022
T7023	IO		018		2/36 TO CAD 1 - BR	P/R7023
T7030	IO		019		2/36 TO CAD 1 - BR	P/R7030
T7031	IO		020		2/36 TO CAD 1 - BR	P/R7031
T7032	IO		021		2/36 TO CAD 1 - BR	P/R7032
T7033	IO		022		2/36 TO CAD 1 - BR	P/R7033
T7040	IO		034		2/36 TO CAD 1 - CK	
T7041	IO		035		2/36 TO CAD 1 - CK	
T7042	IO		036		2/36 TO CAD 1 - CK	
T7043	IO		037		2/36 TO CAD 1 - CK	
T7050	IO		038		2/36 TO CAD 1 - CK	
T7051	IO		039		2/36 TO CAD 1 - CK	
T7052	IO		040		2/36 TO CAD 1 - CK	
T7053	IO		041		2/36 TO CAD 1 - CK	
T7060	IO		047		2/36 TO CAD 1 - CL	
T7061	IO		048		2/36 TO CAD 1 - CL	
T7062	IO		049		2/36 TO CAD 1 - CL	
T7063	IO		050		2/36 TO CAD 1 - CL	P/R7063
T7070	IO		051		2/36 TO CAD 1 - CL	
T7071	IO		052		2/36 TO CAD 1 - CL	
T7072	IO		053		2/36 TO CAD 1 - CL	P/R7072
T7073	IO		054		2/36 TO CAD 1 - CL	P/R7073

SYMBOL NO. 36

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG14	13-160	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V12	PWR		006		2/30	305
+300V13	PWR		106		2/30	305
+5V04	PWR		001		1/1	
+5V13	PWR		101		1/1	
-48RTNA	GRD		055		2/18	
	GRD		056		2/18	
	GRD		155		2/18	
	GRD		156		2/18	
	GRD		203		2/18	
	GRD		204		2/18	
	GRD		206		2/18	
	GRD		207		2/18	
	GRD		208		2/18	
	GRD		255		2/18	
	GRD		256		2/18	
	GRD		301		2/18	
	GRD		302		2/18	
	GRD		303		2/18	
	GRD		304		2/18	
	GRD		306		2/18	
	GRD		307		2/18	
	GRD		308		2/18	
	GRD		355		2/18	
	GRD		356		2/18	
-48V5A	PWR		004		2/36	
	PWR		003		2/39,2/53	
GRD13	GRD		000			
	GRD		036			
	GRD		037			
	GRD		100			
	GRD		136			
	GRD		137			
	GRD		140			
	GRD		141			
	GRD		200			
	GRD		300			
RB0	IO		017	1/15		P/TB0
RB11	IO		220	1/15		P/TB11
RB13	IO		224	1/15		P/TB13
RB14	IO		022	1/15		P/TB14
RB17	IO		034	1/14		P/TB17
RB18	IO		232	1/14		P/TB18
RB20	IO		242	1/14		P/TB20
RB23	IO		044	1/14		P/TB23
RB25	IO		035	1/14		P/TB25
RB26	IO		233	1/14		P/TB26
RB28	IO		243	1/14		P/TB28
RB3	IO		219	1/15		P/TB3
RB31	IO		045	1/14		P/TB31
RB33	IO		019	1/18		P/TB33
RB34	IO		217	1/21		P/TB34
RB36	IO		221	1/21		P/TB36
RB39	IO		023	1/18		P/TB39
RB41	IO		020	1/21		P/TB41
RB42	IO		218	1/18		P/TB42
RB44	IO		222	1/18		P/TB44
RB47	IO		024	1/21		P/TB47
RB48	IO		032	1/18		P/TB48
RB5	IO		223	1/15		P/TB5
RB51	IO		234	1/21		P/TB51

SYMBOL NO. 36 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG14	13-160	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RB53	IO		244		1/21	P/TB53
RB54	IO		042		1/18	P/TB54
RB56	IO		033		1/21	P/TB56
RB59	IO		235		1/18	P/TB59
RB6	IO		021		1/15	P/TB6
RB61	IO		245		1/18	P/TB61
RB62	IO		043		1/21	P/TB62
RB8	IO		018		1/15	P/TB8
RMTSRT	IO		103		1/14	
R7000	IO		010		2/34	P/T7000
R7001	IO		011		2/34	P/T7001
R7002	IO		213		2/34	P/T7002
R7003	IO		215		2/34	P/T7003
R7010	IO		014		2/34	P/T7010
R7011	IO		016		2/34	P/T7011
R7012	IO		210		2/34	P/T7012
R7013	IO		212		2/34	P/T7013
R7020	IO		013		2/34	
R7021	IO		015		2/34	P/T7021
R7022	IO		209		2/34	
R7023	IO		211		2/34	
R7030	IO		009		2/34	
R7031	IO		012		2/34	
R7032	IO		214		2/34	
R7033	IO		216		2/34	
R7040	IO		353		2/34	P/T7040
R7041	IO		351		2/34	P/T7041
R7042	IO		349		2/34	P/T7042
R7043	IO		347		2/34	P/T7043
R7050	IO		152		2/34	P/T7050
R7051	IO		150		2/34	P/T7051
R7052	IO		148		2/34	P/T7052
R7053	IO		146		2/34	P/T7053
R7060	IO		153		2/34	P/T7060
R7061	IO		151		2/34	P/T7061
R7062	IO		149		2/34	P/T7062
R7063	IO		147		2/34	
R7070	IO		352		2/34	P/T7070
R7071	IO		350		2/34	P/T7071
R7072	IO		348		2/34	
R7073	IO		346		2/34	
T80	IO		117		1/15	P/RB0
TB11	IO		320		1/15	P/RB11
TB13	IO		324		1/15	P/RB13
TB14	IO		122		1/15	P/RB14
TB17	IO		134		1/14	P/RB17
TB18	IO		332		1/14	P/RB18
TB20	IO		342		1/14	P/RB20
TB23	IO		144		1/14	P/RB23
TB25	IO		135		1/14	P/RB25
TB26	IO		333		1/14	P/RB26
TB28	IO		343		1/14	P/RB28
TB3	IO		319		1/15	P/RB3
TB31	IO		145		1/14	P/RB31
TB33	IO		119		1/18	P/RB33
TB34	IO		317		1/21	P/RB34
TB36	IO		321		1/21	P/RB36
TB39	IO		123		1/18	P/RB39
TB41	IO		120		1/21	P/RB41
TB42	IO		318		1/18	P/RB42

SYMBOL NO. 36 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG14	13-160	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
TB44	IO		322		1/18	P/RB44
TB47	IO		124		1/21	P/RB47
TB48	IO		132		1/18	P/RB48
TB5	IO		323		1/15	P/RB5
TB51	IO		334		1/21	P/RB51
TB53	IO		344		1/21	P/RB53
TB54	IO		142		1/18	P/RB54
TB56	IO		133		1/21	P/RB56
TB59	IO		335		1/18	P/RB59
TB6	IO		121		1/15	P/RB6
TB61	IO		345		1/18	P/RB61
TB62	IO		143		1/21	P/RB62
TB8	IO		118		1/15	P/RB8
T7000	IO		110		2/35	P/R7000
T7001	IO		111		2/35	P/R7001
T7002	IO		313		2/35	P/R7002
T7003	IO		315		2/35	P/R7003
T7010	IO		114		2/35	P/R7010
T7011	IO		116		2/35	P/R7011
T7012	IO		310		2/35	P/R7012
T7013	IO		312		2/35	P/R7013
T7020	IO		113		2/35	
T7021	IO		115		2/35	P/R7021
T7022	IO		309		2/35	
T7023	IO		311		2/35	
T7030	IO		109		2/35	
T7031	IO		112		2/35	
T7032	IO		314		2/35	
T7033	IO		316		2/35	
T7040	IO		253		2/35	P/R7040
T7041	IO		251		2/35	P/R7041
T7042	IO		249		2/35	P/R7042
T7043	IO		247		2/35	P/R7043
T7050	IO		052		2/35	P/R7050
T7051	IO		050		2/35	P/R7051
T7052	IO		048		2/35	P/R7052
T7053	IO		046		2/35	P/R7053
T7060	IO		053		2/35	P/R7060
T7061	IO		051		2/35	P/R7061
T7062	IO		049		2/35	P/R7062
T7063	IO		047		2/35	
T7070	IO		252		2/35	P/R7070
T7071	IO		250		2/35	P/R7071
T7072	IO		248		2/35	
T7073	IO		246		2/35	
0ASHG70	IO		237		1/13	
0CLG7	IO		241		1/13	
0DG7	IO		338		1/13	
0EG70	IO		341		1/13	
0PAG70	IO		236		1/13	

PART OF FS 2

SYMBOL(S) 35 36

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D052-02	B2CU

PART OF FS 2

LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 36 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG14	13-160	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0SLG7	10		240		1/13	
0256KHZ7	10		038		1/12	
1ASWG70	10		337		2/13	
1CLG7	10		339		2/13	
1DG7	10		238		2/13	
1EG70	10		239		2/13	
1PAG70	10		336		2/13	
1SLG7	10		340		2/13	
1256KHZ7	10		138		2/12	

SYMBOL NO. 37

TIP AND RING GRID 7 (8:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-166	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R7100	10		002		2/39 TO CAD 1 - BO	
R7101	10		003		2/39 TO CAD 1 - BO	
R7102	10		004		2/39 TO CAD 1 - BO	
R7103	10		005		2/39 TO CAD 1 - BO	
R7110	10		006		2/39 TO CAD 1 - BO	
R7111	10		007		2/39 TO CAD 1 - BO	
R7112	10		008		2/39 TO CAD 1 - BO	
R7113	10		009		2/39 TO CAD 1 - BO	
R7120	10		015		2/39 TO CAD 1 - BP	P/T7120
R7121	10		016		2/39 TO CAD 1 - BP	
R7122	10		017		2/39 TO CAD 1 - BP	P/T7122
R7123	10		018		2/39 TO CAD 1 - BP	P/T7123
R7130	10		019		2/39 TO CAD 1 - BP	P/T7130
R7131	10		020		2/39 TO CAD 1 - BP	P/T7131
R7132	10		021		2/39 TO CAD 1 - BP	P/T7132
R7133	10		022		2/39 TO CAD 1 - BP	P/T7133
R7140	10		034		2/39 TO CAD 1 - CI	
R7141	10		035		2/39 TO CAD 1 - CI	
R7142	10		036		2/39 TO CAD 1 - CI	
R7143	10		037		2/39 TO CAD 1 - CI	
R7150	10		038		2/39 TO CAD 1 - CI	

SYMBOL NO. 37 (CONT)

TIP AND RING GRID 7 (8:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-166	TERMINAL FIELD	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R7151	10		039		2/39 TO CAD 1 - CI	
R7152	10		040		2/39 TO CAD 1 - CI	
R7153	10		041		2/39 TO CAD 1 - CI	
R7160	10		047		2/39 TO CAD 1 - CJ	
R7161	10		048		2/39 TO CAD 1 - CJ	
R7162	10		049		2/39 TO CAD 1 - CJ	
R7163	10		050		2/39 TO CAD 1 - CJ	P/T7163
R7170	10		051		2/39 TO CAD 1 - CJ	
R7171	10		052		2/39 TO CAD 1 - CJ	
R7172	10		053		2/39 TO CAD 1 - CJ	P/T7172
R7173	10		054		2/39 TO CAD 1 - CJ	P/T7173

SYMBOL NO. 38

TIP AND RING GRID 7 (8:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-167	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T7100	10		002		2/39 TO CAD 1 - BO	
T7101	10		003		2/39 TO CAD 1 - BO	
T7102	10		004		2/39 TO CAD 1 - BO	
T7103	10		005		2/39 TO CAD 1 - BO	
T7110	10		006		2/39 TO CAD 1 - BO	
T7111	10		007		2/39 TO CAD 1 - BO	
T7112	10		008		2/39 TO CAD 1 - BO	
T7113	10		009		2/39 TO CAD 1 - BO	
T7120	10		015		2/39 TO CAD 1 - BP	P/R7120
T7121	10		016		2/39 TO CAD 1 - BP	
T7122	10		017		2/39 TO CAD 1 - BP	P/R7122
T7123	10		018		2/39 TO CAD 1 - BP	P/R7123
T7130	10		019		2/39 TO CAD 1 - BP	P/R7130
T7131	10		020		2/39 TO CAD 1 - BP	P/R7131
T7132	10		021		2/39 TO CAD 1 - BP	P/R7132

SYMBOL NO. 38 (CONT)

TIP AND RING GRID 7 (8:1)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-167	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T7133	10		022		2/39 TO CAD 1 - BP	P/R7133
T7140	10		034		2/39 TO CAD 1 - CI	
T7141	10		035		2/39 TO CAD 1 - CI	
T7142	10		036		2/39 TO CAD 1 - CI	
T7143	10		037		2/39 TO CAD 1 - CI	
T7150	10		038		2/39 TO CAD 1 - CI	
T7151	10		039		2/39 TO CAD 1 - CI	
T7152	10		040		2/39 TO CAD 1 - CI	
T7153	10		041		2/39 TO CAD 1 - CI	
T7160	10		047		2/39 TO CAD 1 - CJ	
T7161	10		048		2/39 TO CAD 1 - CJ	
T7162	10		049		2/39 TO CAD 1 - CJ	
T7163	10		050		2/39 TO CAD 1 - CJ	P/R7163
T7170	10		051		2/39 TO CAD 1 - CJ	
T7171	10		052		2/39 TO CAD 1 - CJ	
T7172	10		053		2/39 TO CAD 1 - CJ	P/R7172
T7173	10		054		2/39 TO CAD 1 - CJ	P/R7173

SYMBOL NO. 39

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG15	13-168	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD		301		2/18	
	GRD		302		2/18	
	GRD		303		2/18	
	GRD		304		2/18	
	GRD		306		2/18	
	GRD		307		2/18	
	GRD		308		2/18	
	GRD		355		2/18	
	GRD		356		2/18	
-48V5A	PWR		003		2/36	
	PWR		004		2/36	
GRD13	GRD		000			
	GRD		036			
	GRD		037			
	GRD		100			
	GRD		136			
	GRD		137			
	GRD		140			
	GRD		141			
	GRD		200			
	GRD		300			
RB1	10		019		1/15	P/TB1
RB10	10		218		1/15	P/TB10
RB12	10		222		1/15	P/TB12
RB15	10		024		1/15	P/TB15
RB16	10		032		1/14	P/TB16
RB19	10		234		1/14	P/TB19
RB2	10		217		1/15	P/TB2
RB21	10		244		1/14	P/TB21
RB22	10		042		1/14	P/TB22
RB24	10		033		1/14	P/TB24
RB27	10		235		1/14	P/TB27
RB29	10		245		1/14	P/TB29
RB30	10		043		1/14	P/TB30
RB32	10		017		1/21	P/TB32
RB35	10		219		1/18	P/TB35
RB37	10		223		1/18	P/TB37
RB38	10		021		1/21	P/TB38
RB4	10		221		1/15	P/TB4
RB40	10		018		1/18	P/TB40
RB43	10		220		1/21	P/TB43
RB45	10		224		1/21	P/TB45
RB46	10		022		1/18	P/TB46
RB49	10		034		1/21	P/TB49
RB50	10		232		1/18	P/TB50
RB52	10		242		1/18	P/TB52
RB55	10		044		1/21	P/TB55
RB57	10		035		1/18	P/TB57
RB58	10		233		1/21	P/TB58
RB60	10		243		1/21	P/TB60

SYMBOL NO. 39

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG15	13-168	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V14	PWR		006		2/33	305
+300V15	PWR		106		2/33	305
+5V04	PWR		001		1/1	
+5V13	PWR		101		1/1	
-48RTNA	GRD		055		2/18	
	GRD		056		2/18	
	GRD		155		2/18	
	GRD		156		2/18	
	GRD		203		2/18	
	GRD		204		2/18	
	GRD		206		2/18	
	GRD		207		2/18	
	GRD		208		2/18	
	GRD		255		2/18	
	GRD		256		2/18	

PART OF FS 2

SYMBOL(S) 36 37 38 39

LINE UNIT, MODEL 2	DWG SIZE D2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D052-02	B2CV

PART OF FS 2

LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 39 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG15	13-168	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RB63	IO		045		1/18	P/TB63
RB7	IO		023		1/15	P/TB7
RB9	IO		020		1/15	P/TB9
RMTSRT	IO		103		1/14	
R7100	IO		010		2/37	P/T7100
R7101	IO		011		2/37	P/T7101
R7102	IO		213		2/37	P/T7102
R7103	IO		215		2/37	P/T7103
R7110	IO		014		2/37	P/T7110
R7111	IO		016		2/37	P/T7111
R7112	IO		210		2/37	P/T7112
R7113	IO		212		2/37	P/T7113
R7120	IO		013		2/37	
R7121	IO		015		2/37	P/T7121
R7122	IO		209		2/37	
R7123	IO		211		2/37	
R7130	IO		009		2/37	
R7131	IO		012		2/37	
R7132	IO		214		2/37	
R7133	IO		216		2/37	
R7140	IO		353		2/37	P/T7140
R7141	IO		351		2/37	P/T7141
R7142	IO		349		2/37	P/T7142
R7143	IO		347		2/37	P/T7143
R7150	IO		152		2/37	P/T7150
R7151	IO		150		2/37	P/T7151
R7152	IO		148		2/37	P/T7152
R7153	IO		146		2/37	P/T7153
R7160	IO		153		2/37	P/T7160
R7161	IO		151		2/37	P/T7161
R7162	IO		149		2/37	P/T7162
R7163	IO		147		2/37	
R7170	IO		352		2/37	P/T7170
R7171	IO		350		2/37	P/T7171
R7172	IO		348		2/37	
R7173	IO		346		2/37	
TB1	IO		119		1/15	P/RB1
TB10	IO		318		1/15	P/RB10
TB12	IO		322		1/15	P/RB12
TB15	IO		124		1/15	P/RB15
TB16	IO		132		1/14	P/RB16
TB19	IO		334		1/14	P/RB19
TB2	IO		317		1/15	P/RB2
TB21	IO		344		1/14	P/RB21
TB22	IO		142		1/14	P/RB22
TB24	IO		133		1/14	P/RB24
TB27	IO		335		1/14	P/RB27
TB29	IO		345		1/14	P/RB29
TB30	IO		143		1/14	P/RB30
TB32	IO		117		1/21	P/RB32
TB35	IO		319		1/18	P/RB35
TB37	IO		323		1/18	P/RB37
TB38	IO		121		1/21	P/RB38
TB4	IO		321		1/15	P/RB4
TB40	IO		118		1/18	P/RB40
TB43	IO		320		1/21	P/RB43
TB45	IO		324		1/21	P/RB45
TB46	IO		122		1/18	P/RB46

SYMBOL NO. 39 (CONT)

HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG15	13-168	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
TB49	IO		134		1/21	P/RB49
TB50	IO		332		1/18	P/RB50
TB52	IO		342		1/18	P/RB52
TB55	IO		144		1/21	P/RB55
TB57	IO		135		1/18	P/RB57
TB58	IO		333		1/21	P/RB58
TB60	IO		343		1/21	P/RB60
TB63	IO		145		1/18	P/RB63
TB7	IO		123		1/15	P/RB7
TB9	IO		120		1/15	P/RB9
T7100	IO		110		2/38	P/R7100
T7101	IO		111		2/38	P/R7101
T7102	IO		313		2/38	P/R7102
T7103	IO		315		2/38	P/R7103
T7110	IO		114		2/38	P/R7110
T7111	IO		116		2/38	P/R7111
T7112	IO		310		2/38	P/R7112
T7113	IO		312		2/38	P/R7113
T7120	IO		113		2/38	
T7121	IO		115		2/38	P/R7121
T7122	IO		309		2/38	
T7123	IO		311		2/38	
T7130	IO		109		2/38	
T7131	IO		112		2/38	
T7132	IO		314		2/38	
T7133	IO		316		2/38	
T7140	IO		253		2/38	P/R7140
T7141	IO		251		2/38	P/R7141
T7142	IO		249		2/38	P/R7142
T7143	IO		247		2/38	P/R7143
T7150	IO		052		2/38	P/R7150
T7151	IO		050		2/38	P/R7151
T7152	IO		048		2/38	P/R7152
T7153	IO		046		2/38	P/R7153
T7160	IO		053		2/38	P/R7160
T7161	IO		051		2/38	P/R7161
T7162	IO		049		2/38	P/R7162
T7163	IO		047		2/38	
T7170	IO		252		2/38	P/R7170
T7171	IO		250		2/38	P/R7171
T7172	IO		248		2/38	
T7173	IO		246		2/38	
0ASWG71	IO		237		1/13	
0CLG7	IO		241		1/13	
0DG7	IO		338		1/13	
0EG71	IO		341		1/13	
0PAG71	IO		236		1/13	
0SLG7	IO		240		1/13	
0256KHZ7	IO		038		1/12	
1ASWG71	IO		337		2/13	
1CLG7	IO		339		2/13	
1DG7	IO		238		2/13	
1EG71	IO		239		2/13	
1PAG71	IO		336		2/13	
1SLG7	IO		340		2/13	
1256KHZ7	IO		138		2/12	

SYMBOL NO. 40

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-014	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRDLUG	GRD		OBO		1/40 TO CAD 1 - DF	

SYMBOL NO. 41

POWER LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-022	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48V0A	PWR		OBO		2/1 TO CAD 1 - DE	

SYMBOL NO. 42

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-060	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRDLUG	GRD		OBO		1/40 TO CAD 1 - DF	

SYMBOL NO. 43

POWER LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-068	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48V1A	PWR		OBO		2/5 TO CAD 1 - DE	

SYMBOL NO. 44

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-084	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRDLUG	GRD		OBO		1/40	

SYMBOL NO. 45

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-102	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRDLUG	GRD		OBC		1/40	

SYMBOL NO. 46

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-109	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48RTNA	GRD		OBO		2/18 TO CAD 1 - DF	

PART OF FS 2

SYMBOL(S) 39 40 41 42 43 44 45 46

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D052-02	B2CW

PART OF FS 2

LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 47

POWER LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-120	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48V2A	PWR		1B0		2/18 TO CAD 1 - DE	

SYMBOL NO. 48

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-125	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48RTNA	GRD		0B0		2/18 TO CAD 1 - DF	

SYMBOL NO. 49

POWER LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-128	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48V3A	PWR		3B0		2/24 TO CAD 1 - DE	

SYMBOL NO. 50

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-149	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48RTNA	GRD		0B0		2/18 TO CAD 1 - DF	

SYMBOL NO. 51

POWER LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-157	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48V4A	PWR		0B0		2/30 TO CAD 1 - DE	

SYMBOL NO. 52

GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-165	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48RTNA	GRD		0B0		2/18 TO CAD 1 - DF	

SYMBOL NO. 53

POWER LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-173	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48V5A	PWR		0B0		2/36 TO CAD 1 - DE	

PART OF FS 2

SYMBOL(S) 47 48 49 50 51 52 53

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 2B
AT&T BELL LABORATORIES	SD-5D052-02	B2CX

APPARATUS FIGURES

EQL	04-008	04-016	04-024	04-032	04-038	04-046	04-054	04-062	04-070	04-078	04-086	04-096	04-104	04-112	04-120	04-128	04-136	04-144	04-152	04-160	04-168		EQL
APPARATUS FIGURE NUMBER	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	APPARATUS FIGURE NUMBER
1*																							1*
6	494GB				** ED7C384-30					(Z) TN842 (Y) TN842B	TN843	TN831	TN832										6
7						TN335C	TN335C	TN335C	TN335C														7
8						RSVD	RSVD	RSVD	RSVD														8
9						RSVD	RSVD	RSVD	RSVD														9
10***														TN838	TN838	TN838	TN838	TN838	TN838	TN838	TN838		10***
11***																							11***
12***																							12***
13***														TN1058	TN1058	TN1058	TN1058	TN1058	TN1058	TN1058	TN1053		13***
14***																							14***
15***																							15***
16***														TN1048	TN1048	TN1048	TN1048	TN1048	TN1048	TN1048	TN1048		16***
17***																							17***
18***																							18***
19														RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD		19
20																							20
21																							21
22														RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD		22
23																							23
24																							24
25		(X) MC5D045A1 (V) MC5D045A3	(X) MC5D045A1 (V) MC5D045A3																				25
26				(X) MC5D045A1 (V) MC5D045A3																			26
27																							27
28		(H) MC5D045A2 (V) MC5D045A3	(H) MC5D045A2 (V) MC5D045A3																				28
29				(H) MC5D045A2 (V) MC5D045A3																			29
30																							30

* WIRING AS PER FS 1 AND 2
** SEE NOTE 206
*** SEE NOTE 207

LINE UNIT, MODEL 2		
	DWG SIZE: 88	ISSUE: 4B
AT&T BELL LABORATORIES	SD-5D052-02	SHEET: C1

APPARATUS FIGURES

EQL	04-008	04-016	04-024	04-032	04-038	04-046	04-054	04-062	04-070	04-078	04-086	04-096	04-104	04-112	04-120	04-128	04-136	04-144	04-152	04-160	04-168		EQL
APPARATUS FIGURE NUMBER	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	APPARATUS FIGURE NUMBER
31		MC5D045A3	MC5D045A3																				31
32				MC5D045A3																			32
33																							33
34		RSVD	RSVD																				34
35				RSVD																			35
36																							36
37		RSVD	RSVD																				37
38				RSVD																			38
39																							39

LINE UNIT, MODEL 2

DWG SIZE 88 | ISSUE 4B

AT&T BELL LABORATORIES | SD-5D052-02 | SHEET C2

APPARATUS FIGURES

EQL	13-008	13-016	13-024	13-032	13-038	13-046	13-054	13-062	13-070	13-078	13-086	13-096	13-104	13-112	13-120	13-128	13-136	13-144	13-152	13-160	13-168		EQL
APPARATUS FIGURE NUMBER	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	APPARATUS FIGURE NUMBER
1*																							1*
6	494GB				ED7C384-30**					(Z) TN842 (Y) TN842B	TN843	TN831	TN832										6
7						TN335C	TN335C	TN335C	TN335C														7
8						RSVD	RSVD	RSVD	RSVD														8
9						RSVD	RSVD	RSVD	RSVD														9
10***																							10***
11***														TN838	TN838	TN838	TN838						11***
12***																		TN838	TN838	TN838	TN838		12***
13***																							13***
14***														TN1058	TN1058	TN1058	TN1058						14***
15***																		TN1058	TN1058	TN1058	TN1058		15***
16***																							16***
17***														TN1048	TN1048	TN1048	TN1048						17***
18***																		TN1048	TN1048	TN1048	TN1048		18***
19																							19
20														RSVD	RSVD	RSVD	RSVD						20
21																		RSVD	RSVD	RSVD	RSVD		21
22																							22
23														RSVD	RSVD	RSVD	RSVD						23
24																		RSVD	RSVD	RSVD	RSVD		24
25		(X) MC5D045A1 (V) MC5D045A3	(X) MC5D045A1 (V) MC5D045A3																				25
26																							26
27				(X) MC5D045A1 (V) MC5D045A3																			27
28		(W) MC5D045A2 (V) MC5D045A3	(W) MC5D045A2 (V) MC5D045A3																				28
29																							29
30				(W) MC5D045A2 (V) MC5D045A3																			30

* WIRING AS PER FS 1 AND 2
** SEE NOTE 206
*** SEE NOTE 207

LINE UNIT, MODEL 2		
	DWG SIZE: B	ISSUE: 4B
AT&T BELL LABORATORIES	SD-5D052-02	SHEET: C3

APPARATUS FIGURES

EQL	13-008	13-016	13-024	13-032	13-038	13-046	13-054	13-062	13-070	13-078	13-086	13-096	13-104	13-112	13-120	13-128	13-136	13-144	13-152	13-160	13-168		EQL
APPARATUS FIGURE NUMBER	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	APPARATUS FIGURE NUMBER
31		MC5D045A3	MC5D045A3																				31
32																							32
33				MC5D045A3																			33
34		RSVD	RSVD																				34
35																							35
36				RSVD																			36
37		RSVD	RSVD																				37
38																							38
39				RSVD																			39

LINE UNIT, MODEL 2		
	DWG SIZE: 66	ISSUE: 4B
AT&T BELL LABORATORIES	SD—5D052-02	SHEET: C4

CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
BATTERY SYMBOL		VOLTAGE RANGE	

LINE UNIT, MODEL 2	DWG SIZE 88	ISSUE 2B
AT&T BELL LABORATORIES SD-5D052-02		SHEET DIA

EQUIPMENT NOTES:

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

202. ALL PRINTED WIRING CONNECTORS ARE SPECIFIED BY ED-5D134-01.

203. ALL TIP AND RING LEADS ARE PAIRED (A-D4) VIA THE WESWRAP ROUTING PROGRAMS.

204. FRAME GROUNDS ARE MECHANICALLY CONNECTED FROM THE UNIT BACKPLANE WITH SCREWS TO THE FRAME HARDWARE.

205. AN INTERBACKPLANE STRAP ED5D507-17 GROUP 27 IS REQUIRED ACROSS THE LUGS LISTED IN THE FOLLOWING TABLE. DESTINATIONS MARKED WITH AN ASTERISK (*) ARE ALSO USED TO TERMINATE GROUND FEEDER CABLES. THE TERMINAL END OF ED5D507-17 GROUP 27 IS PROVIDED WITH AN ADDITIONAL TAB FOR MAKING THIS SECOND CONNECTION:

FROM LUG	TO LUG
07-014	10-014*
07-060	10-060*
07-084	10-084
07-102	10-102
07-109	10-109*
07-129	10-129*
07-149	10-149*
07-165	10-165*

206. NO ELECTRICAL CONNECTION IS MADE TO GROUND SHIELD. ED-7C364-50.

207. DIFFERENT BACKPLANE CABLE CONNECTORS MUST BE USED WITH THE VARIOUS HALF-GRID CIRCUITS (DIFFERENT APPARATUS FIGURES) OR INSUFFICIENT PROTECTION FOR THE SWITCH OR UNDESTRABLE IMPEDANCE IN THE LOOP WILL RESULT. THE TYPE OF CONNECTOR USED IS DETERMINED BY THE APPARATUS FIGURE(S) ORDERED WITH THE UNIT.

INSTALL THE SPECIFIED CONNECTORS AT THE POSITIONS (LOCATION-TERMINAL) INDICATED PER TABLE BELOW. ("TERMINAL" CORRESPONDS TO THE LOWEST LEFT TERMINAL OF THE CONNECTOR AS VIEWED FROM WIRING SIDE OF FRAME.)

APPARATUS FIGURE	USE CONNECTORS	NUMBER OF CONN'S REQUIRED	LEVEL & LOCATIONS	TERMINALS
10*	982WC (2 X 24)	16	04 - 111,119,127,135, 143,151,159,167	000,032
11		8	13 - 111,119,127,135	
12		8	13 - 143,151,159,167	
13*	963N-24 (2 X 12)	32	04 - 111,119,127,135, 143,151,159,167	000,013 032,045
14		16	13 - 111,119,127,135	
15		16	13 - 143,151,159,167	
16*	963N-24 (2 X 12)	32	04 - 111,119,127,135, 143,151,159,167	000,013 032,045
17		16	13 - 111,119,127,135	
18		16	13 - 143,151,159,167	

* APPARATUS FIGURES 10, 13, AND 16 ARE MUTUALLY EXCLUSIVE.

EQUIPMENT NOTES (CONT):

208.

APPARATUS CODE	CIRCUIT PACK REMOVAL PROCEDURES		
	PULL HOT	REMOVE UNIT POWER	SEQUENCED
TN335	X		
TN831			X
TN832			X
TN838	X		
TN842	X		
TN843	X		
TN844	X		

LINE UNIT, MODEL 2

DWG SIZE: 86

ISSUE: 4B

AT&T BELL LABORATORIES | SD-5D052-02 | SHEET: D2A

INFORMATION NOTES:

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

302.

FEATURE OR OPTION	PROVIDE: APP FIG.	APP OR WRG	QUANTITY
BACKPLANE WIRING			
OPTION T PROVIDES SIX 127C APPARATUS MOUNTINGS AND SIX 982KL CONNECTORS WHICH ARE REQUIRED IN ADDITION TO APPARATUS FIGURE 1 TO REPAIR A BACKPLANE WIRE PATH ROUTING PROBLEM. SEE NOTE 308.	1	T	
IN ADDITION TO APPARATUS FIGURE 1, ASSEMBLY, WIRING AND EQUIPMENT ARE PROVIDED FOR ONE LINE UNIT ARRANGED FOR UP TO 512 LINES AT AN 8:1 CONCENTRATION RATIO AND FOR UP TO 6 RINGING AND TEST CIRCUITS BUT NOT INCLUDING CHANNEL, HALF-GRID OR RINGING AND TEST CIRCUITS.	6		
TWO COMMON DATA CIRCUITS		Z	
TWO COMMON DATA CIRCUITS WITH EXTERNAL CLOCK LEADS. REQUIRED WITH APP FIGS. 13,14,15,16, 17 OR 18.		Y	
IN ADDITION TO APPARATUS FIGURE 6, EIGHT CHANNEL CIRCUITS HAVING U-LAW, 900 OHM, SOFTWARE SELECTABLE: LOADED, NON-LOADED, AND SPECIAL SERVICE BALANCE NETWORKS ARE PROVIDED PER APPARATUS 7.	7		
IN ADDITION TO APPARATUS FIGURE 6, EIGHT HALF-GRID CIRCUITS TO PROVIDE FOR 256 LINES AT A 4:1 CONCENTRATION RATIO ARE PROVIDED PER APPARATUS 10. SEE NOTE 207.	10		1 PER UNIT
IN ADDITION TO APPARATUS FIGURE 10, FOUR ADDITIONAL HALF-GRID CIRCUITS TO PROVIDE FOR 384 LINES AT A 6:1 CONCENTRATION RATIO ARE PROVIDED PER APPARATUS 11.	11		
IN ADDITION TO APPARATUS FIGURE 11, FOUR ADDITIONAL HALF-GRID CIRCUITS TO PROVIDE FOR 512 LINES AT AN 8:1 CONCENTRATION RATIO ARE PROVIDED PER APPARATUS 12.	12		
IN ADDITION TO APPARATUS FIGURE 6, WITH OPTION Y, EIGHT HALF-GRID CIRCUITS, TO PROVIDE FOR 256 LINES AT A 4:1 CONCENTRATION RATIO, AND WHICH ARE COMPATIBLE WITH CARBON BLOCK PROTECTION AND REQUIRE 963N-24 BACKPLANE CABLE CONNECTORS, ARE PROVIDED PER APPARATUS 13. SEE NOTE 207.	13		
IN ADDITION TO APPARATUS FIGURE 13, FOUR ADDITIONAL HALF-GRID CIRCUITS TO PROVIDE FOR 384 LINES AT A 6:1 CONCENTRATION RATIO AND WHICH ARE COMPATIBLE WITH CARBON BLOCK PROTECTION AND REQUIRE 963N-24 CONNECTORS ARE PROVIDED PER APPARATUS 14.	14		
IN ADDITION TO APPARATUS FIGURE 14, FOUR ADDITIONAL HALF-GRID CIRCUITS TO PROVIDE FOR 512 LINES AT AN 8:1 CONCENTRATION RATIO AND WHICH ARE COMPATIBLE WITH CARBON BLOCK PROTECTION AND REQUIRE 963N-24 CONNECTORS ARE PROVIDED PER APPARATUS 15.	15		

INFORMATION NOTES (CONT):

302. (CONT)

FEATURE OR OPTION	PROVIDE: APP FIG.	APP OR WRG	QUANTITY
IN ADDITION TO APPARATUS FIGURE 6, WITH OPTION Y, EIGHT HALF-GRID CIRCUITS, TO PROVIDE FOR 256 LINES AT A 4:1 CONCENTRATION RATIO, AND WHICH REQUIRE GAS TUBE PROTECTION AND 963N-24 BACKPLANE CABLE CONNECTORS ARE PROVIDED PER APPARATUS 16. SEE NOTE 207.	16		1 PER UNIT
IN ADDITION TO APPARATUS FIGURE 16, FOUR ADDITIONAL HALF-GRID CIRCUITS TO PROVIDE FOR 384 LINES AT A 6:1 CONCENTRATION RATIO AND WHICH REQUIRE GAS TUBE PROTECTION AND 963N-24 CONNECTORS ARE PROVIDED PER APPARATUS 17.	17		
IN ADDITION TO APPARATUS FIGURE 17, FOUR ADDITIONAL HALF-GRID CIRCUITS TO PROVIDE FOR 512 LINES AT AN 8:1 CONCENTRATION RATIO AND WHICH REQUIRE GAS TUBE PROTECTION AND 963N-24 CONNECTORS ARE PROVIDED PER APPARATUS 18.	18		
IN ADDITION TO APPARATUS FIGURE 6, FOUR RINGING AND TEST CIRCUITS HAVING STANDARD FEATURES WITH 20 HZ RINGING ONLY ARE PROVIDED PER APPARATUS 25.	25		
IN ADDITION TO APPARATUS FIGURE 25, ONE ADDITIONAL RINGING AND TEST CIRCUIT HAVING STANDARD FEATURES WITH 20 HZ RINGING ONLY IS PROVIDED PER APPARATUS 26.	26		
IN ADDITION TO APPARATUS FIGURE 26, ONE ADDITIONAL RINGING AND TEST CIRCUIT HAVING STANDARD FEATURES WITH 20 HZ RINGING ONLY IS PROVIDED PER APPARATUS 27.	27		
RINGING AND TEST CIRCUIT HAVING STANDARD FEATURES WITH 20 HZ RINGING ONLY. EACH CIRCUIT IS INDIVIDUALLY OPTIONED. SEE NOTE 307.	25, 26, 27	X	AS REQ'D IN APP FIG'S
IN ADDITION TO APPARATUS FIGURE 6, FOUR RINGING AND TEST CIRCUITS HAVING STANDARD FEATURES AND INCLUDING FREQUENCY SELECTIVE RINGING AT 100VRMS ARE PROVIDED PER APPARATUS 28.	28		1 PER UNIT
IN ADDITION TO APPARATUS FIGURE 28, ONE ADDITIONAL RINGING AND TEST CIRCUIT HAVING STANDARD FEATURES AND INCLUDING FREQUENCY SELECTIVE RINGING AT 100VRMS IS PROVIDED PER APPARATUS 29.	29		
IN ADDITION TO APPARATUS FIGURE 29, ONE ADDITIONAL RINGING AND TEST CIRCUIT HAVING STANDARD FEATURES AND INCLUDING FREQUENCY SELECTIVE RINGING AT 100VRMS IS PROVIDED PER APPARATUS 30.	30		
RINGING AND TEST CIRCUIT HAVING STANDARD FEATURES AND INCLUDING FREQUENCY SELECTIVE RINGING AT 100VRMS. EACH CIRCUIT IS INDIVIDUALLY OPTIONED. SEE NOTE 307.	28, 29, 30	W	AS REQ'D IN APP FIG'S
IN ADDITION TO APPARATUS FIGURE 6, FOUR RINGING AND TEST CIRCUITS HAVING STANDARD FEATURES AND ADDING DISTINCTIVE RINGING FOR BUSINESS AND RESIDENCE CUSTOM SERVICES (BRCS) ARE PROVIDED PER APPARATUS 31.	31		1 PER UNIT

INFORMATION NOTES (CONT):

302. (CONT)

FEATURE OR OPTION	PROVIDE: APP FIG.	APP OR WRG	QUANTITY
IN ADDITION TO APPARATUS FIGURE 31, ONE ADDITIONAL RINGING AND TEST CIRCUIT HAVING STANDARD FEATURES AND ADDING DISTINCTIVE RINGING FOR BUSINESS AND RESIDENCE CUSTOM SERVICES (BRCS) IS PROVIDED PER APPARATUS 32.	32		1 PER UNIT
IN ADDITION TO APPARATUS FIGURE 32, ONE ADDITIONAL RINGING AND TEST CIRCUIT HAVING STANDARD FEATURES AND ADDING DISTINCTIVE RINGING FOR BUSINESS AND RESIDENCE CUSTOM SERVICES (BRCS) IS PROVIDED PER APPARATUS 33.	33		
RINGING AND TEST CIRCUIT HAVING STANDARD FEATURES AND ADDING FREQUENCY SELECTIVE RINGING AT 100VRMS AND DISTINCTIVE RINGING FOR BUSINESS AND RESIDENCE CUSTOM SERVICES (BRCS). EACH CIRCUIT IS INDIVIDUALLY OPTIONED. SEE NOTE 307.	25, 26, 27, 28, 29, 30	W	1/CKT AS OPTIONED

INFORMATION NOTES (CONT):

303.

RECORD OF APP FIGURES, WIRING AND APPARATUS CHANGES						
CHANGES ON ISSUE	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT: STD	A&M	MD
				AVAIL		DA
2B SEE NOTE 309	Y OR Z	NONE		Y OR Z		
2B	V OR W	NONE	307	V OR W		
2B	V OR X	NONE	307	V OR X		
3AC	T	NONE	308	T		

304.

CIRCUIT PACK CODE OR MICROCODE	COMMON LANGUAGE EQUIPMENT IDENTIFICATION CODE (CLEI)
ED-7C384-30, G3	E5PQQ01AAA
NC5D045A1(TN844)	E5MQ4QAAXX
NC5D045A2(TN844)	E5MX31BAXX
NC5D045A3(TN844)	E5MQ5QLAXX
TN1048	E5PQ35LAXX
TN1058	E5PQ35MAXX
TN335C	E5PQ35DAXX
TN851	E5PQ36JAXX
TN852	E5PQ36KAXX
TN858	E5PQ36FAXX
TN842	E5PQ30GAXX
TN842B	E5PQ50CAXX
TN843	E5PQ30HAXX
494GB	PWPQ93VAXX

LINE UNIT, MODEL 2	DWG SIZE: 8S	ISSUE: 4B
AT&T BELL LABORATORIES	SD-5D052-02	SHEET: D3A

INFORMATION NOTES (CONT):

305. THE TERMINALS INDICATED BELOW ARE HIGH VOLTAGE (+320V) TERMINALS. THEY SHOULD BE SLEEVED AS FAR DOWN ON THE TERMINAL AS POSSIBLE, AND THE SLEEVING CUT IN SUCH A MANNER THAT IT EXTENDS BEYOND THE END OF THE PIN BY APPROXIMATELY 1/8 INCH. THE MATERIAL SHOULD BE ORDERED AS: PTFE (POLYTETRAFLUOROETHYLENE) THIN WALL TUBING. NOMINAL INSIDE DIA. .027 IN. NATURAL COLOR. RECOMMENDED SUPPLIER: ALPHA WIRE CORPORATION ELIZABETH, NJ TEFLON TUBING TFT-200 THIN WALL SIZE 22 COLOR - NATURAL.

TERMINALS

LEVEL	EQL	TERMS
04,13	112	006,106
04,13	120	006,106
04,13	128	006,106
04,13	136	006,106
04,13	144	006,106
04,13	152	006,106
04,13	160	006,106
04,13	168	006,106
04,13	096	007,107
04,13	104	006,007,106 107,206

306. VARIOUS CIRCUIT PACK CODES MAY BE USED AT THIS PARTICULAR EQUIPMENT LOCATION. REFER TO APPARATUS FIGURES FOR CIRCUIT PACK CODES USED IN SPECIFIC UNIT CONFIGURATIONS.

307. OPTION V, CIRCUIT PACK WC5D045A3, IS DOWNWARD COMPATIBLE TO BOTH OPTION W, CIRCUIT PACK WC5D045A1, AND TO OPTION X, CIRCUIT PACK WC5D045A2.

308. THIS OPTION IS ONLY REQUIRED WHEN UNIT IS IN A 5E2(2) OFFICE AND HAS BACKPLANE STAMPED AS FOLLOWS:
J50004AC-2, 85QC12 OR EARLIER AND T ISSUES 1,2,7,8,9,10 OR 11.

127C APPARATUS MOUNTINGS AND 982KL TYPE CONNECTORS ARE TO BE INSTALLED PER TABLE BELOW. (TOTAL OF SIX EACH PER UNIT.) APP MTGS AND CONNECTORS ARE LOCATED BY THEIR LOWER LEFT MOST TERMINAL AS VIEWED FROM THE WIRING SIDE.

APP MTG	LOCATION	CONN	LOCATION
127C (2 X 24)	*-046-300 *-054-300 *-062-300	982KL (2 X 41)	*-046-321 *-054-321 *-062-321

* DENOTES LEVELS 04 AND 13.

IF UNIT IS POWERED DURING INSTALLATION, USE APP MTG INSULATED INSERTION TOOL 9698, COMCODE 104379670, TO AVOID DAMAGE TO EQUIPMENT OR PERSONNEL INJURY.

309. PRIOR TO ISSUE 2B, COLUMNS HEADED "STD", "ND", ETC. CONVEYED APPLICATION INFORMATION. AT ISSUE 2B, COLUMNS HEADED "AVAIL" AND "DA" NOW INDICATE THE AVAILABILITY OF THE PRODUCT.

LINE UNIT, MODEL 2	DWG SIZE: 86	ISSUE: 4B
AT&T BELL LABORATORIES: 3D-5D052-02		SHEET: D38

UNIT SYMBOL TABLE OF CONTENTS			
FUNCTION	DESCRIPTION (LOWER LEFT PIN OF CONNECTOR)	SIZE	ELEMENT
DATA/CONTROL	(04-096-322) TO MDF	2 X 3	AQ
	(04-086-332) TO SMPU	2 X 6	BK
	(04-086-132) TO SMPU	2 X 6	BL
	(04-078-133) TO TSIU	2 X 4	BM
	(04-078-138) TO TSIU	2 X 4	BN
	(13-096-322) TO MDF	2 X 3	CE
	(13-086-332) TO SMPU	2 X 6	CY
	(13-086-132) TO SMPU	2 X 6	CZ
	(13-078-133) TO TSIU	2 X 4	DA
	(13-078-138) TO TSIU	2 X 4	DB
TIP AND RING GRID 0	(04-119-000) TO MDF	2 X 12	AM
	(04-119-013) TO MDF	2 X 12	AN
	(04-111-000) TO MDF	2 X 12	AO
	(04-111-013) TO MDF	2 X 12	AP
	(04-119-032) TO MDF	2 X 12	BG
	(04-119-045) TO MDF	2 X 12	BH
	(04-111-032) TO MDF	2 X 12	BI
	(04-111-045) TO MDF	2 X 12	BJ
TIP AND RING GRID 1	(04-135-000) TO MDF	2 X 12	AI
	(04-135-013) TO MDF	2 X 12	AJ
	(04-127-000) TO MDF	2 X 12	AK
	(04-127-013) TO MDF	2 X 12	AL
	(04-135-032) TO MDF	2 X 12	BC
	(04-135-045) TO MDF	2 X 12	BD
	(04-127-0321 TO MDF	2 X 12	BE
	(04-127-045) TO MDF	2 X 12	BF
TIP AND RING GRID 2	(04-151-000) TO MDF	2 X 12	AE
	(04-151-013) TO MDF	2 X 12	AF
	(04-143-000) TO MDF	2 X 12	AG
	(04-143-013) TO MDF	2 X 12	AH
	(04-151-032) TO MDF	2 X 12	AY
	(04-151-045) TO MDF	2 X 12	AZ
	(04-143-032) TO MDF	2 X 12	BA
	(04-143-045) TO MDF	2 X 12	BB
TIP AND RING GRID 3	(04-167-000) TO MDF	2 X 12	AA
	(04-167-013) TO MDF	2 X 12	AB
	(04-159-000) TO MDF	2 X 12	AC

UNIT SYMBOL TABLE OF CONTENTS			
FUNCTION	DESCRIPTION (LOWER LEFT PIN OF CONNECTOR)	SIZE	ELEMENT
TIP AND RING GRID 3 (CONT)	(04-159-013) TO MDF	2 X 12	AD
	(04-167-032) TO MDF	2 X 12	AU
	(04-167-045) TO MDF	2 X 12	AV
	(04-159-032) TO MDF	2 X 12	AW
	(04-159-045) TO MDF	2 X 12	AX
TIP AND RING GRID 4	(13-119-000) TO MDF	2 X 12	CA
	(13-119-013) TO MDF	2 X 12	CB
	(13-111-000) TO MDF	2 X 12	CC
	(13-111-013) TO MDF	2 X 12	CD
	(13-119-032) TO MDF	2 X 12	CU
	(13-119-045) TO MDF	2 X 12	CV
	(13-111-032) TO MDF	2 X 12	CW
	(13-111-045) TO MDF	2 X 12	CX
TIP AND RING GRID 5	(13-135-000) TO MDF	2 X 12	BW
	(13-135-013) TO MDF	2 X 12	BX
	(13-127-000) TO MDF	2 X 12	BY
	(13-127-013) TO MDF	2 X 12	BZ
	(13-135-032) TO MDF	2 X 12	CQ
	(13-135-045) TO MDF	2 X 12	CR
	(13-127-032) TO MDF	2 X 12	CS
	(13-127-045) TO MDF	2 X 12	CT
TIP AND RING GRID 6	(13-151-000) TO MDF	2 X 12	BS
	(13-151-013) TO MDF	2 X 12	BT
	(13-143-000) TO MDF	2 X 12	BU
	(13-143-013) TO MDF	2 X 12	BV
	(13-151-032) TO MDF	2 X 12	CM
	(13-151-045) TO MDF	2 X 12	CN
	(13-143-032) TO MDF	2 X 12	CO
	(13-143-045) TO MDF	2 X 12	CP
TIP AND RING GRID 7	(13-167-000) TO MDF	2 X 12	BO
	(13-167-013) TO MDF	2 X 12	BP
	(13-159-000) TO MDF	2 X 12	BQ
	(13-159-013) TO MDF	2 X 12	BR
	(13-167-032) TO MDF	2 X 12	CI
	(13-167-045) TO MDF	2 X 12	CJ
	(13-159-032) TO MDF	2 X 12	CK
	(13-159-045) TO MDF	2 X 12	CL

UNIT SYMBOL TABLE OF CONTENTS			
FUNCTION	DESCRIPTION (LOWER LEFT PIN OF CONNECTOR)	SIZE	ELEMENT
BACKPLANE WIRE PATH ROUTING CONNECTORS (SEE NOTE 308)	(04-062-321) TO MDF	2 X 4	AR
	(04-054-321) TO MDF	2 X 4	AS
	(04-046-321) TO MDF	2 X 4	AT
	(13-062-321) TO MDF	2 X 4	CF
	(13-054-321) TO MDF	2 X 4	CG
	(13-046-321) TO MDF	2 X 4	CH
POWER	(01-022-080) POWER LUG	LUG	DC
	(01-066-080) POWER LUG	LUG	DC
	(01-120-180) POWER LUG	LUG	DC
	(01-128-380) POWER LUG	LUG	DC
	(01-157-080) POWER LUG	LUG	DC
	(01-173-080) POWER LUG	LUG	DC
	(01-014-080) GROUND LUG	LUG	DD
	(01-060-080) GROUND LUG	LUG	DD
	(01-109-080) GROUND LUG	LUG	DD
	(01-125-080) GROUND LUG	LUG	DD
	(01-149-080) GROUND LUG	LUG	DD
	(01-165-080) GROUND LUG	LUG	DD
	(10-022-080) POWER LUG	LUG	DE
	(10-066-080) POWER LUG	LUG	DE
	(10-120-180) POWER LUG	LUG	DE
	(10-128-380) POWER LUG	LUG	DE
	(10-157-080) POWER LUG	LUG	DE
	(10-173-080) POWER LUG	LUG	DE
	(10-014-080) GROUND LUG	LUG	DF
	(10-060-080) GROUND LUG	LUG	DF
	(10-109-080) GROUND LUG	LUG	DF
	(10-125-080) GROUND LUG	LUG	DF
	(10-149-080) GROUND LUG	LUG	DF
	(10-165-080) GROUND LUG	LUG	DF

LINE UNIT, MODEL 2

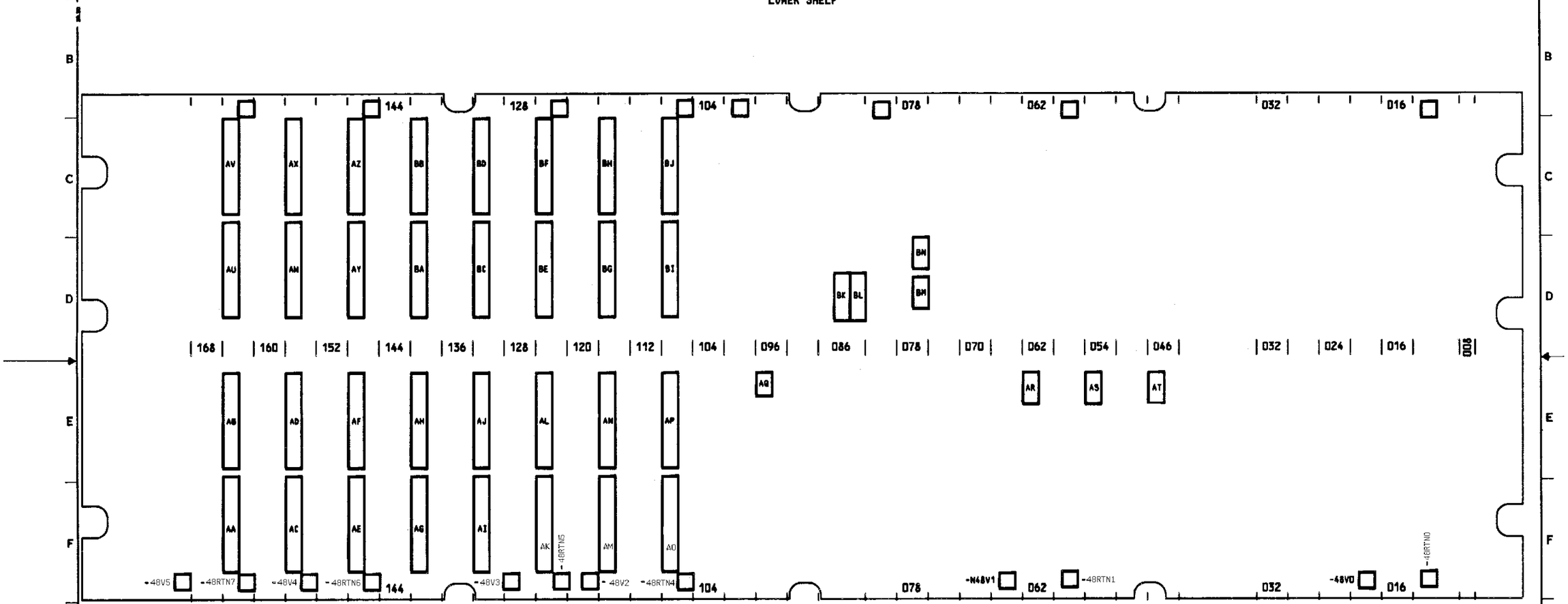
DWG SIZE: 88

ISSUE: 3AC

AT&T BELL LABORATORIES | SD— 5D052-02 | SHEET: GBIA

CIRCUIT ACCESS REFERENCE DATA

LOWER SHELF



NOTES:

1. POWER LUGS ARE IN ELEMENT DC.
2. GROUND LUGS ARE IN ELEMENT DD.
3. EQUIPMENT LOCATIONS 04-111, 119, 127, 135, 143, 151, 159 AND 167 ARE SHOWN WITH 2 X 12 CONNECTORS WHEN APPARATUS FIGURES 13-18 ARE USED. WHEN APPARATUS FIGURES 10-12 ARE USED, 2 X 24 CONNECTORS WILL BE INSTALLED. SEE NOTE 207
4. FOR ELEMENTS AR-AT, SEE NOTE 308.

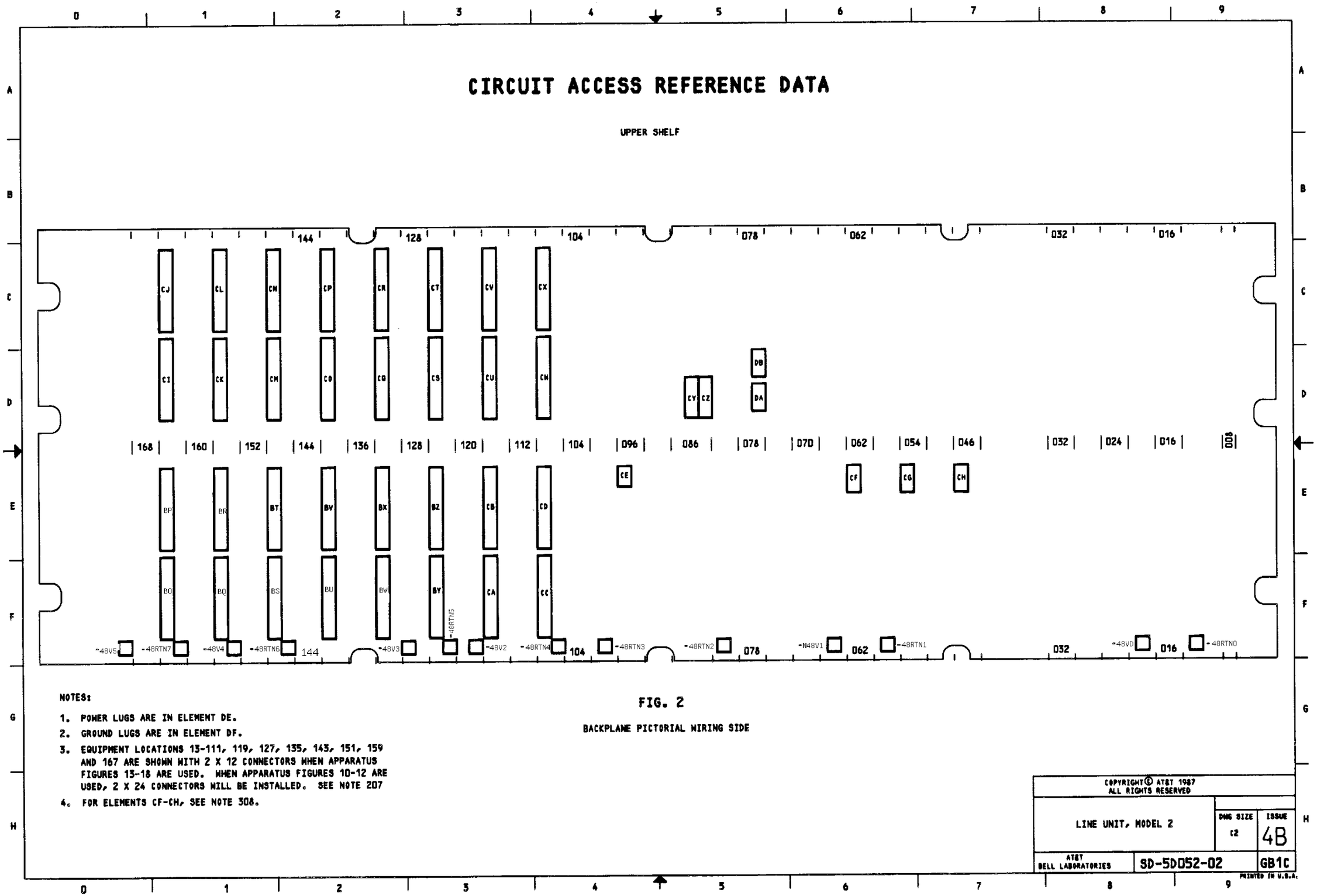
FIG. 1

BACKPLANE PICTORIAL WIRING SIDE

LINE UNIT, MODEL 2		DWG SIZE C2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D052-02		GB1B

CIRCUIT ACCESS REFERENCE DATA

UPPER SHELF



NOTES:

1. POWER LUGS ARE IN ELEMENT DE.
2. GROUND LUGS ARE IN ELEMENT DF.
3. EQUIPMENT LOCATIONS 13-111, 119, 127, 135, 143, 151, 159 AND 167 ARE SHOWN WITH 2 X 12 CONNECTORS WHEN APPARATUS FIGURES 13-18 ARE USED. WHEN APPARATUS FIGURES 10-12 ARE USED, 2 X 24 CONNECTORS WILL BE INSTALLED. SEE NOTE 207
4. FOR ELEMENTS CF-CH, SEE NOTE 308.

FIG. 2

BACKPLANE PICTORIAL WIRING SIDE

LINE UNIT, MODEL 2	DWG SIZE	ISSUE
	C2	4B
AT&T BELL LABORATORIES	SD-5D052-02	GB1C

PRINTED IN U.S.A.

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER
AA

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R3100	IO	04-166-002	04-166-002	1/37	
R3101	IO	04-166-003	04-166-003	1/37	
R3102	IO	04-166-004	04-166-004	1/37	
R3103	IO	04-166-005	04-166-005	1/37	
R3110	IO	04-166-006	04-166-006	1/37	
R3111	IO	04-166-007	04-166-007	1/37	
R3112	IO	04-166-008	04-166-008	1/37	
R3113	IO	04-166-009	04-166-009	1/37	
T3100	IO	04-167-002	04-167-002	1/38	
T3101	IO	04-167-003	04-167-003	1/38	
T3102	IO	04-167-004	04-167-004	1/38	
T3103	IO	04-167-005	04-167-005	1/38	
T3110	IO	04-167-006	04-167-006	1/38	
T3111	IO	04-167-007	04-167-007	1/38	
T3112	IO	04-167-008	04-167-008	1/38	
T3113	IO	04-167-009	04-167-009	1/38	

ELEMENT IDENTIFIER
AB

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R3120	IO	04-166-015	04-166-015	1/37	
R3121	IO	04-166-016	04-166-016	1/37	
R3122	IO	04-166-017	04-166-017	1/37	
R3123	IO	04-166-018	04-166-018	1/37	
R3130	IO	04-166-019	04-166-019	1/37	
R3131	IO	04-166-020	04-166-020	1/37	
R3132	IO	04-166-021	04-166-021	1/37	
R3133	IO	04-166-022	04-166-022	1/37	
T3120	IO	04-167-015	04-167-015	1/38	
T3121	IO	04-167-016	04-167-016	1/38	
T3122	IO	04-167-017	04-167-017	1/38	
T3123	IO	04-167-018	04-167-018	1/38	
T3130	IO	04-167-019	04-167-019	1/38	
T3131	IO	04-167-020	04-167-020	1/38	
T3132	IO	04-167-021	04-167-021	1/38	
T3133	IO	04-167-022	04-167-022	1/38	

ELEMENT IDENTIFIER
AC

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R3000	IO	04-158-002	04-158-002	1/34	
R3001	IO	04-158-003	04-158-003	1/34	
R3002	IO	04-158-004	04-158-004	1/34	
R3003	IO	04-158-005	04-158-005	1/34	
R3010	IO	04-158-006	04-158-006	1/34	
R3011	IO	04-158-007	04-158-007	1/34	
R3012	IO	04-158-008	04-158-008	1/34	
R3013	IO	04-158-009	04-158-009	1/34	
T3000	IO	04-159-002	04-159-002	1/35	
T3001	IO	04-159-003	04-159-003	1/35	
T3002	IO	04-159-004	04-159-004	1/35	
T3003	IO	04-159-005	04-159-005	1/35	
T3010	IO	04-159-006	04-159-006	1/35	
T3011	IO	04-159-007	04-159-007	1/35	
T3012	IO	04-159-008	04-159-008	1/35	
T3013	IO	04-159-009	04-159-009	1/35	

ELEMENT IDENTIFIER
AD

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R3020	IO	04-158-015	04-158-015	1/34	
R3021	IO	04-158-016	04-158-016	1/34	
R3022	IO	04-158-017	04-158-017	1/34	
R3023	IO	04-158-018	04-158-018	1/34	
R3030	IO	04-158-019	04-158-019	1/34	
R3031	IO	04-158-020	04-158-020	1/34	
R3032	IO	04-158-021	04-158-021	1/34	
R3033	IO	04-158-022	04-158-022	1/34	
T3020	IO	04-159-015	04-159-015	1/35	
T3021	IO	04-159-016	04-159-016	1/35	
T3022	IO	04-159-017	04-159-017	1/35	
T3023	IO	04-159-018	04-159-018	1/35	
T3030	IO	04-159-019	04-159-019	1/35	
T3031	IO	04-159-020	04-159-020	1/35	
T3032	IO	04-159-021	04-159-021	1/35	
T3033	IO	04-159-022	04-159-022	1/35	

ELEMENT IDENTIFIER
AE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R2100	IO	04-150-002	04-150-002	1/31	
R2101	IO	04-150-003	04-150-003	1/31	
R2102	IO	04-150-004	04-150-004	1/31	
R2103	IO	04-150-005	04-150-005	1/31	
R2110	IO	04-150-006	04-150-006	1/31	
R2111	IO	04-150-007	04-150-007	1/31	
R2112	IO	04-150-008	04-150-008	1/31	
R2113	IO	04-150-009	04-150-009	1/31	
T2100	IO	04-151-002	04-151-002	1/32	
T2101	IO	04-151-003	04-151-003	1/32	
T2102	IO	04-151-004	04-151-004	1/32	
T2103	IO	04-151-005	04-151-005	1/32	
T2110	IO	04-151-006	04-151-006	1/32	
T2111	IO	04-151-007	04-151-007	1/32	
T2112	IO	04-151-008	04-151-008	1/32	
T2113	IO	04-151-009	04-151-009	1/32	

ELEMENT IDENTIFIER
AF

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R2120	IO	04-150-015	04-150-015	1/31	
R2121	IO	04-150-016	04-150-016	1/31	
R2122	IO	04-150-017	04-150-017	1/31	
R2123	IO	04-150-018	04-150-018	1/31	
R2130	IO	04-150-019	04-150-019	1/31	
R2131	IO	04-150-020	04-150-020	1/31	
R2132	IO	04-150-021	04-150-021	1/31	
R2133	IO	04-150-022	04-150-022	1/31	
T2120	IO	04-151-015	04-151-015	1/32	
T2121	IO	04-151-016	04-151-016	1/32	
T2122	IO	04-151-017	04-151-017	1/32	
T2123	IO	04-151-018	04-151-018	1/32	
T2130	IO	04-151-019	04-151-019	1/32	
T2131	IO	04-151-020	04-151-020	1/32	
T2132	IO	04-151-021	04-151-021	1/32	
T2133	IO	04-151-022	04-151-022	1/32	

ELEMENT IDENTIFIER
AG

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R2000	IO	04-142-002	04-142-002	1/28	
R2001	IO	04-142-003	04-142-003	1/28	
R2002	IO	04-142-004	04-142-004	1/28	
R2003	IO	04-142-005	04-142-005	1/28	
R2010	IO	04-142-006	04-142-006	1/28	
R2011	IO	04-142-007	04-142-007	1/28	
R2012	IO	04-142-008	04-142-008	1/28	
R2013	IO	04-142-009	04-142-009	1/28	
T2000	IO	04-143-002	04-143-002	1/29	
T2001	IO	04-143-003	04-143-003	1/29	
T2002	IO	04-143-004	04-143-004	1/29	
T2003	IO	04-143-005	04-143-005	1/29	
T2010	IO	04-143-006	04-143-006	1/29	
T2011	IO	04-143-007	04-143-007	1/29	
T2012	IO	04-143-008	04-143-008	1/29	
T2013	IO	04-143-009	04-143-009	1/29	

ELEMENT IDENTIFIER
AH

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R2020	IO	04-142-015	04-142-015	1/28	
R2021	IO	04-142-016	04-142-016	1/28	
R202Z	IO	04-142-017	04-142-017	1/28	
R2023	IO	04-142-018	04-142-018	1/28	
R2030	IO	04-142-019	04-142-019	1/28	
R2031	IO	04-142-020	04-142-020	1/28	
R2032	IO	04-142-021	04-142-021	1/28	
R2033	IO	04-142-022	04-142-022	1/28	
T2020	IO	04-143-015	04-143-015	1/29	
T2021	IO	04-143-016	04-143-016	1/29	
T2022	IO	04-143-017	04-143-017	1/29	
T2023	IO	04-143-018	04-143-018	1/29	
T2030	IO	04-143-019	04-143-019	1/29	
T2031	IO	04-143-020	04-143-020	1/29	
T2032	IO	04-143-021	04-143-021	1/29	
T2033	IO	04-143-022	04-143-022	1/29	

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 2B
AT&T BELL LABORATORIES	SD-5D052-02	GB2

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER
AI

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R1100	IO	04-134-002	04-134-002	1/25	
R1101	IO	04-134-003	04-134-003	1/25	
R1102	IO	04-134-004	04-134-004	1/25	
R1103	IO	04-134-005	04-134-005	1/25	
R1110	IO	04-134-006	04-134-006	1/25	
R1111	IO	04-134-007	04-134-007	1/25	
R1112	IO	04-134-008	04-134-008	1/25	
R1113	IO	04-134-009	04-134-009	1/25	
T1100	IO	04-135-002	04-135-002	1/26	
T1101	IO	04-135-003	04-135-003	1/26	
T1102	IO	04-135-004	04-135-004	1/26	
T1103	IO	04-135-005	04-135-005	1/26	
T1110	IO	04-135-006	04-135-006	1/26	
T1111	IO	04-135-007	04-135-007	1/26	
T1112	IO	04-135-008	04-135-008	1/26	
T1113	IO	04-135-009	04-135-009	1/26	

ELEMENT IDENTIFIER
AJ

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R1120	IO	04-134-015	04-134-015	1/25	
R1121	IO	04-134-016	04-134-016	1/25	
R1122	IO	04-134-017	04-134-017	1/25	
R1123	IO	04-134-018	04-134-018	1/25	
R1130	IO	04-134-019	04-134-019	1/25	
R1131	IO	04-134-020	04-134-020	1/25	
R1132	IO	04-134-021	04-134-021	1/25	
R1133	IO	04-134-022	04-134-022	1/25	
T1120	IO	04-135-015	04-135-015	1/26	
T1121	IO	04-135-016	04-135-016	1/26	
T1122	IO	04-135-017	04-135-017	1/26	
T1123	IO	04-135-018	04-135-018	1/26	
T1130	IO	04-135-019	04-135-019	1/26	
T1131	IO	04-135-020	04-135-020	1/26	
T1132	IO	04-135-021	04-135-021	1/26	
T1133	IO	04-135-022	04-135-022	1/26	

ELEMENT IDENTIFIER
AK

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R1000	IO	04-126-002	04-126-002	1/22	
R1001	IO	04-126-003	04-126-003	1/22	
R1002	IO	04-126-004	04-126-004	1/22	
R1003	IO	04-126-005	04-126-005	1/22	
R1010	IO	04-126-006	04-126-006	1/22	
R1011	IO	04-126-007	04-126-007	1/22	
R1012	IO	04-126-008	04-126-008	1/22	
R1013	IO	04-126-009	04-126-009	1/22	
T1000	IO	04-127-002	04-127-002	1/23	
T1001	IO	04-127-003	04-127-003	1/23	
T1002	IO	04-127-004	04-127-004	1/23	
T1003	IO	04-127-005	04-127-005	1/23	
T1010	IO	04-127-006	04-127-006	1/23	
T1011	IO	04-127-007	04-127-007	1/23	
T1012	IO	04-127-008	04-127-008	1/23	
T1013	IO	04-127-009	04-127-009	1/23	

ELEMENT IDENTIFIER
AL

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R1020	IO	04-126-015	04-126-015	1/22	
R1021	IO	04-126-016	04-126-016	1/22	
R1022	IO	04-126-017	04-126-017	1/22	
R1023	IO	04-126-018	04-126-018	1/22	
R1030	IO	04-126-019	04-126-019	1/22	
R1031	IO	04-126-020	04-126-020	1/22	
R1032	IO	04-126-021	04-126-021	1/22	
R1033	IO	04-126-022	04-126-022	1/22	
T1020	IO	04-127-015	04-127-015	1/23	
T1021	IO	04-127-016	04-127-016	1/23	
T1022	IO	04-127-017	04-127-017	1/23	
T1023	IO	04-127-018	04-127-018	1/23	
T1030	IO	04-127-019	04-127-019	1/23	
T1031	IO	04-127-020	04-127-020	1/23	
T1032	IO	04-127-021	04-127-021	1/23	
T1033	IO	04-127-022	04-127-022	1/23	

ELEMENT IDENTIFIER
AM

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R0100	IO	04-118-002	04-118-002	1/19	
R0101	IO	04-118-003	04-118-003	1/19	
R0102	IO	04-118-004	04-118-004	1/19	
R0103	IO	04-118-005	04-118-005	1/19	
R0110	IO	04-118-006	04-118-006	1/19	
R0111	IO	04-118-007	04-118-007	1/19	
R0112	IO	04-118-008	04-118-008	1/19	
R0113	IO	04-118-009	04-118-009	1/19	
T0100	IO	04-119-002	04-119-002	1/20	
T0101	IO	04-119-003	04-119-003	1/20	
T0102	IO	04-119-004	04-119-004	1/20	
T0103	IO	04-119-005	04-119-005	1/20	
T0110	IO	04-119-006	04-119-006	1/20	
T0111	IO	04-119-007	04-119-007	1/20	
T0112	IO	04-119-008	04-119-008	1/20	
T0113	IO	04-119-009	04-119-009	1/20	

ELEMENT IDENTIFIER
AN

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R0120	IO	04-118-015	04-118-015	1/19	
R0121	IO	04-118-016	04-118-016	1/19	
R0122	IO	04-118-017	04-118-017	1/19	
R0123	IO	04-118-018	04-118-018	1/19	
R0130	IO	04-118-019	04-118-019	1/19	
R0131	IO	04-118-020	04-118-020	1/19	
R0132	IO	04-118-021	04-118-021	1/19	
R0133	IO	04-118-022	04-118-022	1/19	
T0120	IO	04-119-015	04-119-015	1/20	
T0121	IO	04-119-016	04-119-016	1/20	
T0122	IO	04-119-017	04-119-017	1/20	
T0123	IO	04-119-018	04-119-018	1/20	
T0130	IO	04-119-019	04-119-019	1/20	
T0131	IO	04-119-020	04-119-020	1/20	
T0132	IO	04-119-021	04-119-021	1/20	
T0133	IO	04-119-022	04-119-022	1/20	

ELEMENT IDENTIFIER
AO

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R0000	IO	04-110-002	04-110-002	1/16	
R0001	IO	04-110-003	04-110-003	1/16	
R0002	IO	04-110-004	04-110-004	1/16	
R0003	IO	04-110-005	04-110-005	1/16	
R0010	IO	04-110-006	04-110-006	1/16	
R0011	IO	04-110-007	04-110-007	1/16	
R0012	IO	04-110-008	04-110-008	1/16	
R0013	IO	04-110-009	04-110-009	1/16	
T0000	IO	04-111-002	04-111-002	1/17	
T0001	IO	04-111-003	04-111-003	1/17	
T0002	IO	04-111-004	04-111-004	1/17	
T0003	IO	04-111-005	04-111-005	1/17	
T0010	IO	04-111-006	04-111-006	1/17	
T0011	IO	04-111-007	04-111-007	1/17	
T0012	IO	04-111-008	04-111-008	1/17	
T0013	IO	04-111-009	04-111-009	1/17	

ELEMENT IDENTIFIER
AP

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R0020	IO	04-110-015	04-110-015	1/16	
R0021	IO	04-110-016	04-110-016	1/16	
R0022	IO	04-110-017	04-110-017	1/16	
R0023	IO	04-110-018	04-110-018	1/16	
R0030	IO	04-110-019	04-110-019	1/16	
R0031	IO	04-110-020	04-110-020	1/16	
R0032	IO	04-110-021	04-110-021	1/16	
R0033	IO	04-110-022	04-110-022	1/16	
T0020	IO	04-111-015	04-111-015	1/17	
T0021	IO	04-111-016	04-111-016	1/17	
T0022	IO	04-111-017	04-111-017	1/17	
T0023	IO	04-111-018	04-111-018	1/17	
T0030	IO	04-111-019	04-111-019	1/17	
T0031	IO	04-111-020	04-111-020	1/17	
T0032	IO	04-111-021	04-111-021	1/17	
T0033	IO	04-111-022	04-111-022	1/17	

LINE UNIT, MODEL 2

DWG SIZE: D2
ISSUE: 2B

AT&T BELL LABORATORIES | SD-5D052-02 | GB3

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER
AQ

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
OMTBR	IO	04-096-324	04-096-324	1/14	
OMTBT	IO	04-096-224	04-096-224	1/14	

ELEMENT IDENTIFIER
AU

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R3140	IO	04-166-034	04-166-034	1/37	
R3141	IO	04-166-035	04-166-035	1/37	
R3142	IO	04-166-036	04-166-036	1/37	
R3143	IO	04-166-037	04-166-037	1/37	
R3150	IO	04-166-038	04-166-038	1/37	
R3151	IO	04-166-039	04-166-039	1/37	
R3152	IO	04-166-040	04-166-040	1/37	
R3153	IO	04-166-041	04-166-041	1/37	
T3140	IO	04-167-034	04-167-034	1/38	
T3141	IO	04-167-035	04-167-035	1/38	
T3142	IO	04-167-036	04-167-036	1/38	
T3143	IO	04-167-037	04-167-037	1/38	
T3150	IO	04-167-038	04-167-038	1/38	
T3151	IO	04-167-039	04-167-039	1/38	
T3152	IO	04-167-040	04-167-040	1/38	
T3153	IO	04-167-041	04-167-041	1/38	

ELEMENT IDENTIFIER
AV

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R3160	IO	04-166-047	04-166-047	1/37	
R3161	IO	04-166-048	04-166-048	1/37	
R3162	IO	04-166-049	04-166-049	1/37	
R3163	IO	04-166-050	04-166-050	1/37	
R3170	IO	04-166-051	04-166-051	1/37	
R3171	IO	04-166-052	04-166-052	1/37	
R3172	IO	04-166-053	04-166-053	1/37	
R3173	IO	04-166-054	04-166-054	1/37	
T3160	IO	04-167-047	04-167-047	1/38	
T3161	IO	04-167-048	04-167-048	1/38	
T3162	IO	04-167-049	04-167-049	1/38	
T3163	IO	04-167-050	04-167-050	1/38	
T3170	IO	04-167-051	04-167-051	1/38	
T3171	IO	04-167-052	04-167-052	1/38	
T3172	IO	04-167-053	04-167-053	1/38	
T3173	IO	04-167-054	04-167-054	1/38	

ELEMENT IDENTIFIER
AW

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R3040	IO	04-158-034	04-158-034	1/34	
R3041	IO	04-158-035	04-158-035	1/34	
R3042	IO	04-158-036	04-158-036	1/34	
R3043	IO	04-158-037	04-158-037	1/34	
R3050	IO	04-158-038	04-158-038	1/34	
R3051	IO	04-158-039	04-158-039	1/34	
R3052	IO	04-158-040	04-158-040	1/34	
R3053	IO	04-158-041	04-158-041	1/34	
T3040	IO	04-159-034	04-159-034	1/35	
T3041	IO	04-159-035	04-159-035	1/35	
T3042	IO	04-159-036	04-159-036	1/35	
T3043	IO	04-159-037	04-159-037	1/35	
T3050	IO	04-159-038	04-159-038	1/35	
T3051	IO	04-159-039	04-159-039	1/35	
T3052	IO	04-159-040	04-159-040	1/35	
T3053	IO	04-159-041	04-159-041	1/35	

ELEMENT IDENTIFIER
AX

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R3060	IO	04-158-047	04-158-047	1/34	
R3061	IO	04-158-048	04-158-048	1/34	
R3062	IO	04-158-049	04-158-049	1/34	
R3063	IO	04-158-050	04-158-050	1/34	
R3070	IO	04-158-051	04-158-051	1/34	
R3071	IO	04-158-052	04-158-052	1/34	
R3072	IO	04-158-053	04-158-053	1/34	
R3073	IO	04-158-054	04-158-054	1/34	
T3060	IO	04-159-047	04-159-047	1/35	
T3061	IO	04-159-048	04-159-048	1/35	
T3062	IO	04-159-049	04-159-049	1/35	
T3063	IO	04-159-050	04-159-050	1/35	
T3070	IO	04-159-051	04-159-051	1/35	
T3071	IO	04-159-052	04-159-052	1/35	
T3072	IO	04-159-053	04-159-053	1/35	
T3073	IO	04-159-054	04-159-054	1/35	

ELEMENT IDENTIFIER
AY

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R2140	IO	04-150-034	04-150-034	1/31	
R2141	IO	04-150-035	04-150-035	1/31	
R2142	IO	04-150-036	04-150-036	1/31	
R2143	IO	04-150-037	04-150-037	1/31	
R2150	IO	04-150-038	04-150-038	1/31	
R2151	IO	04-150-039	04-150-039	1/31	
R2152	IO	04-150-040	04-150-040	1/31	
R2153	IO	04-150-041	04-150-041	1/31	
T2140	IO	04-151-034	04-151-034	1/32	
T2141	IO	04-151-035	04-151-035	1/32	
T2142	IO	04-151-036	04-151-036	1/32	
T2143	IO	04-151-037	04-151-037	1/32	
T2150	IO	04-151-038	04-151-038	1/32	
T2151	IO	04-151-039	04-151-039	1/32	
T2152	IO	04-151-040	04-151-040	1/32	
T2153	IO	04-151-041	04-151-041	1/32	

ELEMENT IDENTIFIER
AZ

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R2160	IO	04-150-047	04-150-047	1/31	
R2161	IO	04-150-048	04-150-048	1/31	
R2162	IO	04-150-049	04-150-049	1/31	
R2163	IO	04-150-050	04-150-050	1/31	
R2170	IO	04-150-051	04-150-051	1/31	
R2171	IO	04-150-052	04-150-052	1/31	
R2172	IO	04-150-053	04-150-053	1/31	
R2173	IO	04-150-054	04-150-054	1/31	
T2160	IO	04-151-047	04-151-047	1/32	
T2161	IO	04-151-048	04-151-048	1/32	
T2162	IO	04-151-049	04-151-049	1/32	
T2163	IO	04-151-050	04-151-050	1/32	
T2170	IO	04-151-051	04-151-051	1/32	
T2171	IO	04-151-052	04-151-052	1/32	
T2172	IO	04-151-053	04-151-053	1/32	
T2173	IO	04-151-054	04-151-054	1/32	

ELEMENT IDENTIFIER
BA

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R2040	IO	04-142-034	04-142-034	1/28	
R2041	IO	04-142-035	04-142-035	1/28	
R2042	IO	04-142-036	04-142-036	1/28	
R2043	IO	04-142-037	04-142-037	1/28	
R2050	IO	04-142-038	04-142-038	1/28	
R2051	IO	04-142-039	04-142-039	1/28	
R2052	IO	04-142-040	04-142-040	1/28	
R2053	IO	04-142-041	04-142-041	1/28	
T2040	IO	04-143-034	04-143-034	1/29	
T2041	IO	04-143-035	04-143-035	1/29	
T2042	IO	04-143-036	04-143-036	1/29	
T2043	IO	04-143-037	04-143-037	1/29	
T2050	IO	04-143-038	04-143-038	1/29	
T2051	IO	04-143-039	04-143-039	1/29	
T2052	IO	04-143-040	04-143-040	1/29	
T2053	IO	04-143-041	04-143-041	1/29	

ELEMENT IDENTIFIER
BB

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R2060	IO	04-142-047	04-142-047	1/28	
R2061	IO	04-142-048	04-142-048	1/28	
R2062	IO	04-142-049	04-142-049	1/28	
R2063	IO	04-142-050	04-142-050	1/28	
R2070	IO	04-142-051	04-142-051	1/28	
R2071	IO	04-142-052	04-142-052	1/28	
R2072	IO	04-142-053	04-142-053	1/28	
R2073	IO	04-142-054	04-142-054	1/28	
T2060	IO	04-143-047	04-143-047	1/29	
T2061	IO	04-143-048	04-143-048	1/29	
T2062	IO	04-143-049	04-143-049	1/29	
T2063	IO	04-143-050	04-143-050	1/29	
T2070	IO	04-143-051	04-143-051	1/29	
T2071	IO	04-143-052	04-143-052	1/29	
T2072	IO	04-143-053	04-143-053	1/29	
T2073	IO	04-143-054	04-143-054	1/29	

LINE UNIT, MODEL 2

DWG SIZE D2 | ISSUE 2B

AT&T BELL LABORATORIES | SD-5D052-02 | GB4

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

BC

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R1140	IO	04-134-034	04-134-034	1/25	
R1141	IO	04-134-035	04-134-035	1/25	
R1142	IO	04-134-036	04-134-036	1/25	
R1143	IO	04-134-037	04-134-037	1/25	
R1150	IO	04-134-038	04-134-038	1/25	
R1151	IO	04-134-039	04-134-039	1/25	
R1152	IO	04-134-040	04-134-040	1/25	
R1153	IO	04-134-041	04-134-041	1/25	
T1140	IO	04-135-034	04-135-034	1/26	
T1141	IO	04-135-035	04-135-035	1/26	
T1142	IO	04-135-036	04-135-036	1/26	
T1143	IO	04-135-037	04-135-037	1/26	
T1150	IO	04-135-038	04-135-038	1/26	
T1151	IO	04-135-039	04-135-039	1/26	
T1152	IO	04-135-040	04-135-040	1/26	
T1153	IO	04-135-041	04-135-041	1/26	

ELEMENT IDENTIFIER

BD

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R1160	IO	04-134-047	04-134-047	1/25	
R1161	IO	04-134-048	04-134-048	1/25	
R1162	IO	04-134-049	04-134-049	1/25	
R1163	IO	04-134-050	04-134-050	1/25	
R1170	IO	04-134-051	04-134-051	1/25	
R1171	IO	04-134-052	04-134-052	1/25	
R1172	IO	04-134-053	04-134-053	1/25	
R1173	IO	04-134-054	04-134-054	1/25	
T1160	IO	04-135-047	04-135-047	1/26	
T1161	IO	04-135-048	04-135-048	1/26	
T1162	IO	04-135-049	04-135-049	1/26	
T1163	IO	04-135-050	04-135-050	1/26	
T1170	IO	04-135-051	04-135-051	1/26	
T1171	IO	04-135-052	04-135-052	1/26	
T1172	IO	04-135-053	04-135-053	1/26	
T1173	IO	04-135-054	04-135-054	1/26	

ELEMENT IDENTIFIER

BE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R1040	IO	04-126-034	04-126-034	1/22	
R1041	IO	04-126-035	04-126-035	1/22	
R1042	IO	04-126-036	04-126-036	1/22	
R1043	IO	04-126-037	04-126-037	1/22	
R1050	IO	04-126-038	04-126-038	1/22	
R1051	IO	04-126-039	04-126-039	1/22	
R1052	IO	04-126-040	04-126-040	1/22	
R1053	IO	04-126-041	04-126-041	1/22	
T1040	IO	04-127-034	04-127-034	1/23	
T1041	IO	04-127-035	04-127-035	1/23	
T1042	IO	04-127-036	04-127-036	1/23	
T1043	IO	04-127-037	04-127-037	1/23	
T1050	IO	04-127-038	04-127-038	1/23	
T1051	IO	04-127-039	04-127-039	1/23	
T1052	IO	04-127-040	04-127-040	1/23	
T1053	IO	04-127-041	04-127-041	1/23	

ELEMENT IDENTIFIER

BF

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R1060	IO	04-126-047	04-126-047	1/22	
R1061	IO	04-126-048	04-126-048	1/22	
R1062	IO	04-126-049	04-126-049	1/22	
R1063	IO	04-126-050	04-126-050	1/22	
R1070	IO	04-126-051	04-126-051	1/22	
R1071	IO	04-126-052	04-126-052	1/22	
R1072	IO	04-126-053	04-126-053	1/22	
R1073	IO	04-126-054	04-126-054	1/22	
T1060	IO	04-127-047	04-127-047	1/23	
T1061	IO	04-127-048	04-127-048	1/23	
T1062	IO	04-127-049	04-127-049	1/23	
T1063	IO	04-127-050	04-127-050	1/23	
T1070	IO	04-127-051	04-127-051	1/23	
T1071	IO	04-127-052	04-127-052	1/23	
T1072	IO	04-127-053	04-127-053	1/23	
T1073	IO	04-127-054	04-127-054	1/23	

ELEMENT IDENTIFIER

BG

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R0140	IO	04-118-034	04-118-034	1/19	
R0141	IO	04-118-035	04-118-035	1/19	
R0142	IO	04-118-036	04-118-036	1/19	
R0143	IO	04-118-037	04-118-037	1/19	
R0150	IO	04-118-038	04-118-038	1/19	
R0151	IO	04-118-039	04-118-039	1/19	
R0152	IO	04-118-040	04-118-040	1/19	
R0153	IO	04-118-041	04-118-041	1/19	
T0140	IO	04-119-034	04-119-034	1/20	
T0141	IO	04-119-035	04-119-035	1/20	
T0142	IO	04-119-036	04-119-036	1/20	
T0143	IO	04-119-037	04-119-037	1/20	
T0150	IO	04-119-038	04-119-038	1/20	
T0151	IO	04-119-039	04-119-039	1/20	
T0152	IO	04-119-040	04-119-040	1/20	
T0153	IO	04-119-041	04-119-041	1/20	

ELEMENT IDENTIFIER

BH

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R0160	IO	04-118-047	04-118-047	1/19	
R0161	IO	04-118-048	04-118-048	1/19	
R0162	IO	04-118-049	04-118-049	1/19	
R0163	IO	04-118-050	04-118-050	1/19	
R0170	IO	04-118-051	04-118-051	1/19	
R0171	IO	04-118-052	04-118-052	1/19	
R0172	IO	04-118-053	04-118-053	1/19	
R0173	IO	04-118-054	04-118-054	1/19	
T0160	IO	04-119-047	04-119-047	1/20	
T0161	IO	04-119-048	04-119-048	1/20	
T0162	IO	04-119-049	04-119-049	1/20	
T0163	IO	04-119-050	04-119-050	1/20	
T0170	IO	04-119-051	04-119-051	1/20	
T0171	IO	04-119-052	04-119-052	1/20	
T0172	IO	04-119-053	04-119-053	1/20	
T0173	IO	04-119-054	04-119-054	1/20	

ELEMENT IDENTIFIER

BI

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R0040	IO	04-110-034	04-110-034	1/16	
R0041	IO	04-110-035	04-110-035	1/16	
R0042	IO	04-110-036	04-110-036	1/16	
R0043	IO	04-110-037	04-110-037	1/16	
R0050	IO	04-110-038	04-110-038	1/16	
R0051	IO	04-110-039	04-110-039	1/16	
R0052	IO	04-110-040	04-110-040	1/16	
R0053	IO	04-110-041	04-110-041	1/16	
T0040	IO	04-111-034	04-111-034	1/17	
T0041	IO	04-111-035	04-111-035	1/17	
T0042	IO	04-111-036	04-111-036	1/17	
T0043	IO	04-111-037	04-111-037	1/17	
T0050	IO	04-111-038	04-111-038	1/17	
T0051	IO	04-111-039	04-111-039	1/17	
T0052	IO	04-111-040	04-111-040	1/17	
T0053	IO	04-111-041	04-111-041	1/17	

ELEMENT IDENTIFIER

BJ

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R0060	IO	04-110-047	04-110-047	1/16	
R0061	IO	04-110-048	04-110-048	1/16	
R0062	IO	04-110-049	04-110-049	1/16	
R0063	IO	04-110-050	04-110-050	1/16	
R0070	IO	04-110-051	04-110-051	1/16	
R0071	IO	04-110-052	04-110-052	1/16	
R0072	IO	04-110-053	04-110-053	1/16	
R0073	IO	04-110-054	04-110-054	1/16	
T0060	IO	04-111-047	04-111-047	1/17	
T0061	IO	04-111-048	04-111-048	1/17	
T0062	IO	04-111-049	04-111-049	1/17	
T0063	IO	04-111-050	04-111-050	1/17	
T0070	IO	04-111-051	04-111-051	1/17	
T0071	IO	04-111-052	04-111-052	1/17	
T0072	IO	04-111-053	04-111-053	1/17	
T0073	IO	04-111-054	04-111-054	1/17	

LINE UNIT, MODEL 2

DWG SIZE C2 | ISSUE 2B

AT&T BELL LABORATORIES | SD-5D052-02 | GBS

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER
BK

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD04	G	04-086-234	04-086-034	1/13	
OCLK1N	IO	04-086-235	04-086-235	1/13	
OCLK1P	IO	04-086-335	04-086-335	1/13	
OMSG1N	IO	04-086-236	04-086-236	1/13	
OMSG1P	IO	04-086-336	04-086-336	1/13	
ONINT1N	IO	04-086-233	04-086-233	1/13	
ONINT1P	IO	04-086-333	04-086-333	1/13	
ORPLY1N	IO	04-086-237	04-086-237	1/13	
ORPLY1P	IO	04-086-337	04-086-337	1/13	
OSLCT1P	IO	04-086-334	04-086-334	1/13	

ELEMENT IDENTIFIER
BL

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD04	G	04-086-034	04-086-034	1/13	
OCLKON	IO	04-086-035	04-086-035	1/13	
OCLKOP	IO	04-086-135	04-086-135	1/13	
OMSGON	IO	04-086-036	04-086-036	1/13	
OMSGOP	IO	04-086-136	04-086-136	1/13	
ONINTON	IO	04-086-033	04-086-033	1/13	
ONINTOP	IO	04-086-133	04-086-133	1/13	
ORPLYON	IO	04-086-037	04-086-037	1/13	
ORPLYOP	IO	04-086-137	04-086-137	1/13	
OSLCTOP	IO	04-086-134	04-086-134	1/13	

ELEMENT IDENTIFIER
BM

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
ODAINON	IO	04-078-133	04-078-133	1/12	
ODAINOP	IO	04-078-033	04-078-033	1/12	
ODAOTON	IO	04-078-134	04-078-134	1/12	
ODAOTOP	IO	04-078-034	04-078-034	1/12	
04MCKION	IO	04-078-136	04-078-136	1/12	
04MCK1OP	IO	04-078-036	04-078-036	1/12	
08KSNCON	IO	04-078-135	04-078-135	1/12	
08KSNCOP	IO	04-078-035	04-078-035	1/12	

ELEMENT IDENTIFIER
BN

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
ODAIN1N	IO	04-078-138	04-078-138	1/12	
ODAIN1P	IO	04-078-038	04-078-038	1/12	
ODAOT1N	IO	04-078-139	04-078-139	1/12	
ODAOT1P	IO	04-078-039	04-078-039	1/12	
04MCK1IN	IO	04-078-141	04-078-141	1/12	
04MCK1IP	IO	04-078-041	04-078-041	1/12	
08KSNC1N	IO	04-078-140	04-078-140	1/12	
08KSNC1P	IO	04-078-040	04-078-040	1/12	

ELEMENT IDENTIFIER
BO

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R7100	IO	13-166-002	13-166-002	2/37	
R7101	IO	13-166-003	13-166-003	2/37	
R7102	IO	13-166-004	13-166-004	2/37	
R7103	IO	13-166-005	13-166-005	2/37	
R7110	IO	13-166-006	13-166-006	2/37	
R7111	IO	13-166-007	13-166-007	2/37	
R7112	IO	13-166-008	13-166-008	2/37	
R7113	IO	13-166-009	13-166-009	2/37	
T7100	IO	13-167-002	13-167-002	2/38	
T7101	IO	13-167-003	13-167-003	2/38	
T7102	IO	13-167-004	13-167-004	2/38	
T7103	IO	13-167-005	13-167-005	2/38	
T7110	IO	13-167-006	13-167-006	2/38	
T7111	IO	13-167-007	13-167-007	2/38	
T7112	IO	13-167-008	13-167-008	2/38	
T7113	IO	13-167-009	13-167-009	2/38	

ELEMENT IDENTIFIER
BP

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R7120	IO	13-166-015	13-166-015	2/37	
R7121	IO	13-166-016	13-166-016	2/37	
R7122	IO	13-166-017	13-166-017	2/37	
R7123	IO	13-166-018	13-166-018	2/37	
R7130	IO	13-166-019	13-166-019	2/37	
R7131	IO	13-166-020	13-166-020	2/37	
R7132	IO	13-166-021	13-166-021	2/37	
R7133	IO	13-166-022	13-166-022	2/37	
T7120	IO	13-167-015	13-167-015	2/38	
T7121	IO	13-167-016	13-167-016	2/38	
T7122	IO	13-167-017	13-167-017	2/38	
T7123	IO	13-167-018	13-167-018	2/38	
T7130	IO	13-167-019	13-167-019	2/38	
T7131	IO	13-167-020	13-167-020	2/38	
T7132	IO	13-167-021	13-167-021	2/38	
T7133	IO	13-167-022	13-167-022	2/38	

ELEMENT IDENTIFIER
BQ

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R7000	IO	13-158-002	13-158-002	2/34	
R7001	IO	13-158-003	13-158-003	2/34	
R7002	IO	13-158-004	13-158-004	2/34	
R7003	IO	13-158-005	13-158-005	2/34	
R7010	IO	13-158-006	13-158-006	2/34	
R7011	IO	13-158-007	13-158-007	2/34	
R7012	IO	13-158-008	13-158-008	2/34	
R7013	IO	13-158-009	13-158-009	2/34	
T7000	IO	13-159-002	13-159-002	2/35	
T7001	IO	13-159-003	13-159-003	2/35	
T7002	IO	13-159-004	13-159-004	2/35	
T7003	IO	13-159-005	13-159-005	2/35	
T7010	IO	13-159-006	13-159-006	2/35	
T7011	IO	13-159-007	13-159-007	2/35	
T7012	IO	13-159-008	13-159-008	2/35	
T7013	IO	13-159-009	13-159-009	2/35	

ELEMENT IDENTIFIER
BR

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R7020	IO	13-158-015	13-158-015	2/34	
R7021	IO	13-158-016	13-158-016	2/34	
R7022	IO	13-158-017	13-158-017	2/34	
R7023	IO	13-158-018	13-158-018	2/34	
R7030	IO	13-158-019	13-158-019	2/34	
R7031	IO	13-158-020	13-158-020	2/34	
R7032	IO	13-158-021	13-158-021	2/34	
R7033	IO	13-158-022	13-158-022	2/34	
T7020	IO	13-159-015	13-159-015	2/35	
T7021	IO	13-159-016	13-159-016	2/35	
T7022	IO	13-159-017	13-159-017	2/35	
T7023	IO	13-159-018	13-159-018	2/35	
T7030	IO	13-159-019	13-159-019	2/35	
T7031	IO	13-159-020	13-159-020	2/35	
T7032	IO	13-159-021	13-159-021	2/35	
T7033	IO	13-159-022	13-159-022	2/35	

ELEMENT IDENTIFIER
BS

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R6100	IO	13-150-002	13-150-002	2/31	
R6101	IO	13-150-003	13-150-003	2/31	
R6102	IO	13-150-004	13-150-004	2/31	
R6103	IO	13-150-005	13-150-005	2/31	
R6110	IO	13-150-006	13-150-006	2/31	
R6111	IO	13-150-007	13-150-007	2/31	
R6112	IO	13-150-008	13-150-008	2/31	
R6113	IO	13-150-009	13-150-009	2/31	
T6100	IO	13-151-002	13-151-002	2/32	
T6101	IO	13-151-003	13-151-003	2/32	
T6102	IO	13-151-004	13-151-004	2/32	
T6103	IO	13-151-005	13-151-005	2/32	
T6110	IO	13-151-006	13-151-006	2/32	
T6111	IO	13-151-007	13-151-007	2/32	
T6112	IO	13-151-008	13-151-008	2/32	
T6113	IO	13-151-009	13-151-009	2/32	

ELEMENT IDENTIFIER
BT

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R6120	IO	13-150-015	13-150-015	2/31	
R6121	IO	13-150-016	13-150-016	2/31	
R6122	IO	13-150-017	13-150-017	2/31	
R6123	IO	13-150-018	13-150-018	2/31	
R6130	IO	13-150-019	13-150-019	2/31	
R6131	IO	13-150-020	13-150-020	2/31	
R6132	IO	13-150-021	13-150-021	2/31	
R6133	IO	13-150-022	13-150-022	2/31	
T6120	IO	13-151-015	13-151-015	2/32	
T6121	IO	13-151-016	13-151-016	2/32	
T6122	IO	13-151-017	13-151-017	2/32	
T6123	IO	13-151-018	13-151-018	2/32	
T6130	IO	13-151-019	13-151-019	2/32	
T6131	IO	13-151-020	13-151-020	2/32	
T6132	IO	13-151-021	13-151-021	2/32	
T6133	IO	13-151-022	13-151-022	2/32	

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 2B
AT&T BELL LABORATORIES	SD-5D052-02	GB6

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER
BU

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R6000	IO	13-142-002	13-142-002	2/28	
R6001	IO	13-142-003	13-142-003	2/28	
R6002	IO	13-142-004	13-142-004	2/28	
R6003	IO	13-142-005	13-142-005	2/28	
R6010	IO	13-142-006	13-142-006	2/28	
R6011	IO	13-142-007	13-142-007	2/28	
R6012	IO	13-142-008	13-142-008	2/28	
R6013	IO	13-142-009	13-142-009	2/28	
T6000	IO	13-143-002	13-143-002	2/29	
T6001	IO	13-143-003	13-143-003	2/29	
T6002	IO	13-143-004	13-143-004	2/29	
T6003	IO	13-143-005	13-143-005	2/29	
T6010	IO	13-143-006	13-143-006	2/29	
T6011	IO	13-143-007	13-143-007	2/29	
T6012	IO	13-143-008	13-143-008	2/29	
T6013	IO	13-143-009	13-143-009	2/29	

ELEMENT IDENTIFIER
BV

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R6020	IO	13-142-015	13-142-015	2/28	
R6021	IO	13-142-016	13-142-016	2/28	
R6022	IO	13-142-017	13-142-017	2/28	
R6023	IO	13-142-018	13-142-018	2/28	
R6030	IO	13-142-019	13-142-019	2/28	
R6031	IO	13-142-020	13-142-020	2/28	
R6032	IO	13-142-021	13-142-021	2/28	
R6033	IO	13-142-022	13-142-022	2/28	
T6020	IO	13-143-015	13-143-015	2/29	
T6021	IO	13-143-016	13-143-016	2/29	
T6022	IO	13-143-017	13-143-017	2/29	
T6023	IO	13-143-018	13-143-018	2/29	
T6030	IO	13-143-019	13-143-019	2/29	
T6031	IO	13-143-020	13-143-020	2/29	
T6032	IO	13-143-021	13-143-021	2/29	
T6033	IO	13-143-022	13-143-022	2/29	

ELEMENT IDENTIFIER
BW

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R5100	IO	13-134-002	13-134-002	2/25	
R5101	IO	13-134-003	13-134-003	2/25	
R5102	IO	13-134-004	13-134-004	2/25	
R5103	IO	13-134-005	13-134-005	2/25	
R5110	IO	13-134-006	13-134-006	2/25	
R5111	IO	13-134-007	13-134-007	2/25	
R5112	IO	13-134-008	13-134-008	2/25	
R5113	IO	13-134-009	13-134-009	2/25	
T5100	IO	13-135-002	13-135-002	2/26	
T5101	IO	13-135-003	13-135-003	2/26	
T5102	IO	13-135-004	13-135-004	2/26	
T5103	IO	13-135-005	13-135-005	2/26	
T5110	IO	13-135-006	13-135-006	2/26	
T5111	IO	13-135-007	13-135-007	2/26	
T5112	IO	13-135-008	13-135-008	2/26	
T5113	IO	13-135-009	13-135-009	2/26	

ELEMENT IDENTIFIER
BX

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R5120	IO	13-134-015	13-134-015	2/25	
R5121	IO	13-134-016	13-134-016	2/25	
R5122	IO	13-134-017	13-134-017	2/25	
R5123	IO	13-134-018	13-134-018	2/25	
R5130	IO	13-134-019	13-134-019	2/25	
R5131	IO	13-134-020	13-134-020	2/25	
R5132	IO	13-134-021	13-134-021	2/25	
R5133	IO	13-134-022	13-134-022	2/25	
T5120	IO	13-135-015	13-135-015	2/26	
T5121	IO	13-135-016	13-135-016	2/26	
T5122	IO	13-135-017	13-135-017	2/26	
T5123	IO	13-135-018	13-135-018	2/26	
T5130	IO	13-135-019	13-135-019	2/26	
T5131	IO	13-135-020	13-135-020	2/26	
T5132	IO	13-135-021	13-135-021	2/26	
T5133	IO	13-135-022	13-135-022	2/26	

ELEMENT IDENTIFIER
BY

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R5000	IO	13-126-002	13-126-002	2/22	
R5001	IO	13-126-003	13-126-003	2/22	
R5002	IO	13-126-004	13-126-004	2/22	
R5003	IO	13-126-005	13-126-005	2/22	
R5010	IO	13-126-006	13-126-006	2/22	
R5011	IO	13-126-007	13-126-007	2/22	
R5012	IO	13-126-008	13-126-008	2/22	
R5013	IO	13-126-009	13-126-009	2/22	
T5000	IO	13-127-002	13-127-002	2/23	
T5001	IO	13-127-003	13-127-003	2/23	
T5002	IO	13-127-004	13-127-004	2/23	
T5003	IO	13-127-005	13-127-005	2/23	
T5010	IO	13-127-006	13-127-006	2/23	
T5011	IO	13-127-007	13-127-007	2/23	
T5012	IO	13-127-008	13-127-008	2/23	
T5013	IO	13-127-009	13-127-009	2/23	

ELEMENT IDENTIFIER
BZ

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R5020	IO	13-126-015	13-126-015	2/22	
R5021	IO	13-126-016	13-126-016	2/22	
R5022	IO	13-126-017	13-126-017	2/22	
R5023	IO	13-126-018	13-126-018	2/22	
R5030	IO	13-126-019	13-126-019	2/22	
R5031	IO	13-126-020	13-126-020	2/22	
R5032	IO	13-126-021	13-126-021	2/22	
R5033	IO	13-126-022	13-126-022	2/22	
T5020	IO	13-127-015	13-127-015	2/23	
T5021	IO	13-127-016	13-127-016	2/23	
T5022	IO	13-127-017	13-127-017	2/23	
T5023	IO	13-127-018	13-127-018	2/23	
T5030	IO	13-127-019	13-127-019	2/23	
T5031	IO	13-127-020	13-127-020	2/23	
T5032	IO	13-127-021	13-127-021	2/23	
T5033	IO	13-127-022	13-127-022	2/23	

ELEMENT IDENTIFIER
CA

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R4100	IO	13-118-002	13-118-002	2/19	
R4101	IO	13-118-003	13-118-003	2/19	
R4102	IO	13-118-004	13-118-004	2/19	
R4103	IO	13-118-005	13-118-005	2/19	
R4110	IO	13-118-006	13-118-006	2/19	
R4111	IO	13-118-007	13-118-007	2/19	
R4112	IO	13-118-008	13-118-008	2/19	
R4113	IO	13-118-009	13-118-009	2/19	
T4100	IO	13-119-002	13-119-002	2/20	
T4101	IO	13-119-003	13-119-003	2/20	
T4102	IO	13-119-004	13-119-004	2/20	
T4103	IO	13-119-005	13-119-005	2/20	
T4110	IO	13-119-006	13-119-006	2/20	
T4111	IO	13-119-007	13-119-007	2/20	
T4112	IO	13-119-008	13-119-008	2/20	
T4113	IO	13-119-009	13-119-009	2/20	

ELEMENT IDENTIFIER
CB

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R4120	IO	13-118-015	13-118-015	2/19	
R4121	IO	13-118-016	13-118-016	2/19	
R4122	IO	13-118-017	13-118-017	2/19	
R4123	IO	13-118-018	13-118-018	2/19	
R4130	IO	13-118-019	13-118-019	2/19	
R4131	IO	13-118-020	13-118-020	2/19	
R4132	IO	13-118-021	13-118-021	2/19	
R4133	IO	13-118-022	13-118-022	2/19	
T4120	IO	13-119-015	13-119-015	2/20	
T4121	IO	13-119-016	13-119-016	2/20	
T4122	IO	13-119-017	13-119-017	2/20	
T4123	IO	13-119-018	13-119-018	2/20	
T4130	IO	13-119-019	13-119-019	2/20	
T4131	IO	13-119-020	13-119-020	2/20	
T4132	IO	13-119-021	13-119-021	2/20	
T4133	IO	13-119-022	13-119-022	2/20	

LINE UNIT, MODEL 2	DWG SIZE C2	ISSUE 2B
AT&T BELL LABORATORIES	SD-5D052-02	GB7

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER
CC

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R4000	IO	13-110-002	13-110-002	2/16	
R4001	IO	13-110-003	13-110-003	2/16	
R4002	IO	13-110-004	13-110-004	2/16	
R4003	IO	13-110-005	13-110-005	2/16	
R4010	IO	13-110-006	13-110-006	2/16	
R4011	IO	13-110-007	13-110-007	2/16	
R4012	IO	13-110-008	13-110-008	2/16	
R4013	IO	13-110-009	13-110-009	2/16	
T4000	IO	13-111-002	13-111-002	2/17	
T4001	IO	13-111-003	13-111-003	2/17	
T4002	IO	13-111-004	13-111-004	2/17	
T4003	IO	13-111-005	13-111-005	2/17	
T4010	IO	13-111-006	13-111-006	2/17	
T4011	IO	13-111-007	13-111-007	2/17	
T4012	IO	13-111-008	13-111-008	2/17	
T4013	IO	13-111-009	13-111-009	2/17	

ELEMENT IDENTIFIER
CD

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R4020	IO	13-110-015	13-110-015	2/16	
R4021	IO	13-110-016	13-110-016	2/16	
R4022	IO	13-110-017	13-110-017	2/16	
R4023	IO	13-110-018	13-110-018	2/16	
R4030	IO	13-110-019	13-110-019	2/16	
R4031	IO	13-110-020	13-110-020	2/16	
R4032	IO	13-110-021	13-110-021	2/16	
R4033	IO	13-110-022	13-110-022	2/16	
T4020	IO	13-111-015	13-111-015	2/17	
T4021	IO	13-111-016	13-111-016	2/17	
T4022	IO	13-111-017	13-111-017	2/17	
T4023	IO	13-111-018	13-111-018	2/17	
T4030	IO	13-111-019	13-111-019	2/17	
T4031	IO	13-111-020	13-111-020	2/17	
T4032	IO	13-111-021	13-111-021	2/17	
T4033	IO	13-111-022	13-111-022	2/17	

ELEMENT IDENTIFIER
CE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
1MTBR	IO	13-096-324	13-096-324	2/14	
1MTBT	IO	13-096-224	13-096-224	2/14	

ELEMENT IDENTIFIER
CI

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R7140	IO	13-166-034	13-166-034	2/37	
R7141	IO	13-166-035	13-166-035	2/37	
R7142	IO	13-166-036	13-166-036	2/37	
R7143	IO	13-166-037	13-166-037	2/37	
R7150	IO	13-166-038	13-166-038	2/37	
R7151	IO	13-166-039	13-166-039	2/37	
R7152	IO	13-166-040	13-166-040	2/37	
R7153	IO	13-166-041	13-166-041	2/37	
T7140	IO	13-167-034	13-167-034	2/38	
T7141	IO	13-167-035	13-167-035	2/38	
T7142	IO	13-167-036	13-167-036	2/38	
T7143	IO	13-167-037	13-167-037	2/38	
T7150	IO	13-167-038	13-167-038	2/38	
T7151	IO	13-167-039	13-167-039	2/38	
T7152	IO	13-167-040	13-167-040	2/38	
T7153	IO	13-167-041	13-167-041	2/38	

ELEMENT IDENTIFIER
CJ

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R7160	IO	13-166-047	13-166-047	2/37	
R7161	IO	13-166-048	13-166-048	2/37	
R7162	IO	13-166-049	13-166-049	2/37	
R7163	IO	13-166-050	13-166-050	2/37	
R7170	IO	13-166-051	13-166-051	2/37	
R7171	IO	13-166-052	13-166-052	2/37	
R7172	IO	13-166-053	13-166-053	2/37	
R7173	IO	13-166-054	13-166-054	2/37	
T7160	IO	13-167-047	13-167-047	2/38	
T7161	IO	13-167-048	13-167-048	2/38	
T7162	IO	13-167-049	13-167-049	2/38	
T7163	IO	13-167-050	13-167-050	2/38	
T7170	IO	13-167-051	13-167-051	2/38	
T7171	IO	13-167-052	13-167-052	2/38	
T7172	IO	13-167-053	13-167-053	2/38	
T7173	IO	13-167-054	13-167-054	2/38	

ELEMENT IDENTIFIER
CK

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R7040	IO	13-158-034	13-158-034	2/34	
R7041	IO	13-158-035	13-158-035	2/34	
R7042	IO	13-158-036	13-158-036	2/34	
R7043	IO	13-158-037	13-158-037	2/34	
R7050	IO	13-158-038	13-158-038	2/34	
R7051	IO	13-158-039	13-158-039	2/34	
R7052	IO	13-158-040	13-158-040	2/34	
R7053	IO	13-158-041	13-158-041	2/34	
T7040	IO	13-159-034	13-159-034	2/35	
T7041	IO	13-159-035	13-159-035	2/35	
T7042	IO	13-159-036	13-159-036	2/35	
T7043	IO	13-159-037	13-159-037	2/35	
T7050	IO	13-159-038	13-159-038	2/35	
T7051	IO	13-159-039	13-159-039	2/35	
T7052	IO	13-159-040	13-159-040	2/35	
T7053	IO	13-159-041	13-159-041	2/35	

ELEMENT IDENTIFIER
CL

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R7060	IO	13-158-047	13-158-047	2/34	
R7061	IO	13-158-048	13-158-048	2/34	
R7062	IO	13-158-049	13-158-049	2/34	
R7063	IO	13-158-050	13-158-050	2/34	
R7070	IO	13-158-051	13-158-051	2/34	
R7071	IO	13-158-052	13-158-052	2/34	
R7072	IO	13-158-053	13-158-053	2/34	
R7073	IO	13-158-054	13-158-054	2/34	
T7060	IO	13-159-047	13-159-047	2/35	
T7061	IO	13-159-048	13-159-048	2/35	
T7062	IO	13-159-049	13-159-049	2/35	
T7063	IO	13-159-050	13-159-050	2/35	
T7070	IO	13-159-051	13-159-051	2/35	
T7071	IO	13-159-052	13-159-052	2/35	
T7072	IO	13-159-053	13-159-053	2/35	
T7073	IO	13-159-054	13-159-054	2/35	

ELEMENT IDENTIFIER
CM

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R6140	IO	13-150-034	13-150-034	2/31	
R6141	IO	13-150-035	13-150-035	2/31	
R6142	IO	13-150-036	13-150-036	2/31	
R6143	IO	13-150-037	13-150-037	2/31	
R6150	IO	13-150-038	13-150-038	2/31	
R6151	IO	13-150-039	13-150-039	2/31	
R6152	IO	13-150-040	13-150-040	2/31	
R6153	IO	13-150-041	13-150-041	2/31	
T6140	IO	13-151-034	13-151-034	2/32	
T6141	IO	13-151-035	13-151-035	2/32	
T6142	IO	13-151-036	13-151-036	2/32	
T6143	IO	13-151-037	13-151-037	2/32	
T6150	IO	13-151-038	13-151-038	2/32	
T6151	IO	13-151-039	13-151-039	2/32	
T6152	IO	13-151-040	13-151-040	2/32	
T6153	IO	13-151-041	13-151-041	2/32	

ELEMENT IDENTIFIER
CN

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R6160	IO	13-150-047	13-150-047	2/31	
R6161	IO	13-150-048	13-150-048	2/31	
R6162	IO	13-150-049	13-150-049	2/31	
R6163	IO	13-150-050	13-150-050	2/31	
R6170	IO	13-150-051	13-150-051	2/31	
R6171	IO	13-150-052	13-150-052	2/31	
R6172	IO	13-150-053	13-150-053	2/31	
R6173	IO	13-150-054	13-150-054	2/31	
T6160	IO	13-151-047	13-151-047	2/32	
T6161	IO	13-151-048	13-151-048	2/32	
T6162	IO	13-151-049	13-151-049	2/32	
T6163	IO	13-151-050	13-151-050	2/32	
T6170	IO	13-151-051	13-151-051	2/32	
T6171	IO	13-151-052	13-151-052	2/32	
T6172	IO	13-151-053	13-151-053	2/32	
T6173	IO	13-151-054	13-151-054	2/32	

LINE UNIT, MODEL 2

DWG SIZE: C2
ISSUE: 2B

AT&T BELL LABORATORIES | SD-5D052-02 | GB8

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER: CO

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R6040	IO	13-142-034	13-142-034	2/28	
R6041	IO	13-142-035	13-142-035	2/28	
R6042	IO	13-142-036	13-142-036	2/28	
R6043	IO	13-142-037	13-142-037	2/28	
R6050	IO	13-142-038	13-142-038	2/28	
R6051	IO	13-142-039	13-142-039	2/28	
R6052	IO	13-142-040	13-142-040	2/28	
R6053	IO	13-142-041	13-142-041	2/28	
T6040	IO	13-143-034	13-143-034	2/29	
T6041	IO	13-143-035	13-143-035	2/29	
T6042	IO	13-143-036	13-143-036	2/29	
T6043	IO	13-143-037	13-143-037	2/29	
T6050	IO	13-143-038	13-143-038	2/29	
T6051	IO	13-143-039	13-143-039	2/29	
T6052	IO	13-143-040	13-143-040	2/29	
T6053	IO	13-143-041	13-143-041	2/29	

ELEMENT IDENTIFIER: CP

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R6060	IO	13-142-047	13-142-047	2/28	
R6061	IO	13-142-048	13-142-048	2/28	
R6062	IO	13-142-049	13-142-049	2/28	
R6063	IO	13-142-050	13-142-050	2/28	
R6070	IO	13-142-051	13-142-051	2/28	
R6071	IO	13-142-052	13-142-052	2/28	
R6072	IO	13-142-053	13-142-053	2/28	
R6073	IO	13-142-054	13-142-054	2/28	
T6060	IO	13-143-047	13-143-047	2/29	
T6061	IO	13-143-048	13-143-048	2/29	
T6062	IO	13-143-049	13-143-049	2/29	
T6063	IO	13-143-050	13-143-050	2/29	
T6070	IO	13-143-051	13-143-051	2/29	
T6071	IO	13-143-052	13-143-052	2/29	
T6072	IO	13-143-053	13-143-053	2/29	
T6073	IO	13-143-054	13-143-054	2/29	

ELEMENT IDENTIFIER: CQ

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R5140	IO	13-134-034	13-134-034	2/25	
R5141	IO	13-134-035	13-134-035	2/25	
R5142	IO	13-134-036	13-134-036	2/25	
R5143	IO	13-134-037	13-134-037	2/25	
R5150	IO	13-134-038	13-134-038	2/25	
R5151	IO	13-134-039	13-134-039	2/25	
R5152	IO	13-134-040	13-134-040	2/25	
R5153	IO	13-134-041	13-134-041	2/25	
T5140	IO	13-135-034	13-135-034	2/26	
T5141	IO	13-135-035	13-135-035	2/26	
T5142	IO	13-135-036	13-135-036	2/26	
T5143	IO	13-135-037	13-135-037	2/26	
T5150	IO	13-135-038	13-135-038	2/26	
T5151	IO	13-135-039	13-135-039	2/26	
T5152	IO	13-135-040	13-135-040	2/26	
T5153	IO	13-135-041	13-135-041	2/26	

ELEMENT IDENTIFIER: CR

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R5160	IO	13-134-047	13-134-047	2/25	
R5161	IO	13-134-048	13-134-048	2/25	
R5162	IO	13-134-049	13-134-049	2/25	
R5163	IO	13-134-050	13-134-050	2/25	
R5170	IO	13-134-051	13-134-051	2/25	
R5171	IO	13-134-052	13-134-052	2/25	
R5172	IO	13-134-053	13-134-053	2/25	
R5173	IO	13-134-054	13-134-054	2/25	
T5160	IO	13-135-047	13-135-047	2/26	
T5161	IO	13-135-048	13-135-048	2/26	
T5162	IO	13-135-049	13-135-049	2/26	
T5163	IO	13-135-050	13-135-050	2/26	
T5170	IO	13-135-051	13-135-051	2/26	
T5171	IO	13-135-052	13-135-052	2/26	
T5172	IO	13-135-053	13-135-053	2/26	
T5173	IO	13-135-054	13-135-054	2/26	

ELEMENT IDENTIFIER: CS

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R5040	IO	13-126-034	13-126-034	2/22	
R5041	IO	13-126-035	13-126-035	2/22	
R5042	IO	13-126-036	13-126-036	2/22	
R5043	IO	13-126-037	13-126-037	2/22	
R5050	IO	13-126-038	13-126-038	2/22	
R5051	IO	13-126-039	13-126-039	2/22	
R5052	IO	13-126-040	13-126-040	2/22	
R5053	IO	13-126-041	13-126-041	2/22	
T5040	IO	13-127-034	13-127-034	2/23	
T5041	IO	13-127-035	13-127-035	2/23	
T5042	IO	13-127-036	13-127-036	2/23	
T5043	IO	13-127-037	13-127-037	2/23	
T5050	IO	13-127-038	13-127-038	2/23	
T5051	IO	13-127-039	13-127-039	2/23	
T5052	IO	13-127-040	13-127-040	2/23	
T5053	IO	13-127-041	13-127-041	2/23	

ELEMENT IDENTIFIER: CT

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R5060	IO	13-126-047	13-126-047	2/22	
R5061	IO	13-126-048	13-126-048	2/22	
R5062	IO	13-126-049	13-126-049	2/22	
R5063	IO	13-126-050	13-126-050	2/22	
R5070	IO	13-126-051	13-126-051	2/22	
R5071	IO	13-126-052	13-126-052	2/22	
R5072	IO	13-126-053	13-126-053	2/22	
R5073	IO	13-126-054	13-126-054	2/22	
T5060	IO	13-127-047	13-127-047	2/23	
T5061	IO	13-127-048	13-127-048	2/23	
T5062	IO	13-127-049	13-127-049	2/23	
T5063	IO	13-127-050	13-127-050	2/23	
T5070	IO	13-127-051	13-127-051	2/23	
T5071	IO	13-127-052	13-127-052	2/23	
T5072	IO	13-127-053	13-127-053	2/23	
T5073	IO	13-127-054	13-127-054	2/23	

ELEMENT IDENTIFIER: CU

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R4140	IO	13-118-034	13-118-034	2/19	
R4141	IO	13-118-035	13-118-035	2/19	
R4142	IO	13-118-036	13-118-036	2/19	
R4143	IO	13-118-037	13-118-037	2/19	
R4150	IO	13-118-038	13-118-038	2/19	
R4151	IO	13-118-039	13-118-039	2/19	
R4152	IO	13-118-040	13-118-040	2/19	
R4153	IO	13-118-041	13-118-041	2/19	
T4140	IO	13-119-034	13-119-034	2/20	
T4141	IO	13-119-035	13-119-035	2/20	
T4142	IO	13-119-036	13-119-036	2/20	
T4143	IO	13-119-037	13-119-037	2/20	
T4150	IO	13-119-038	13-119-038	2/20	
T4151	IO	13-119-039	13-119-039	2/20	
T4152	IO	13-119-040	13-119-040	2/20	
T4153	IO	13-119-041	13-119-041	2/20	

ELEMENT IDENTIFIER: CV

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R4160	IO	13-118-047	13-118-047	2/19	
R4161	IO	13-118-048	13-118-048	2/19	
R4162	IO	13-118-049	13-118-049	2/19	
R4163	IO	13-118-050	13-118-050	2/19	
R4170	IO	13-118-051	13-118-051	2/19	
R4171	IO	13-118-052	13-118-052	2/19	
R4172	IO	13-118-053	13-118-053	2/19	
R4173	IO	13-118-054	13-118-054	2/19	
T4160	IO	13-119-047	13-119-047	2/20	
T4161	IO	13-119-048	13-119-048	2/20	
T4162	IO	13-119-049	13-119-049	2/20	
T4163	IO	13-119-050	13-119-050	2/20	
T4170	IO	13-119-051	13-119-051	2/20	
T4171	IO	13-119-052	13-119-052	2/20	
T4172	IO	13-119-053	13-119-053	2/20	
T4173	IO	13-119-054	13-119-054	2/20	

LINE UNIT, MODEL 2	DWG SIZE: D2	ISSUE: 2B
AT&T BELL LABORATORIES	SD-5D052-02	GB9

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER
CW

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R4040	IO	13-110-034	13-110-034	2/16	
R4041	IO	13-110-035	13-110-035	2/16	
R4042	IO	13-110-036	13-110-036	2/16	
R4043	IO	13-110-037	13-110-037	2/16	
R4050	IO	13-110-038	13-110-038	2/16	
R4051	IO	13-110-039	13-110-039	2/16	
R4052	IO	13-110-040	13-110-040	2/16	
R4053	IO	13-110-041	13-110-041	2/16	
T4040	IO	13-111-034	13-111-034	2/17	
T4041	IO	13-111-035	13-111-035	2/17	
T4042	IO	13-111-036	13-111-036	2/17	
T4043	IO	13-111-037	13-111-037	2/17	
T4050	IO	13-111-038	13-111-038	2/17	
T4051	IO	13-111-039	13-111-039	2/17	
T4052	IO	13-111-040	13-111-040	2/17	
T4053	IO	13-111-041	13-111-041	2/17	

ELEMENT IDENTIFIER
CX

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R4060	IO	13-110-047	13-110-047	2/16	
R4061	IO	13-110-048	13-110-048	2/16	
R4062	IO	13-110-049	13-110-049	2/16	
R4063	IO	13-110-050	13-110-050	2/16	
R4070	IO	13-110-051	13-110-051	2/16	
R4071	IO	13-110-052	13-110-052	2/16	
R4072	IO	13-110-053	13-110-053	2/16	
R4073	IO	13-110-054	13-110-054	2/16	
T4060	IO	13-111-047	13-111-047	2/17	
T4061	IO	13-111-048	13-111-048	2/17	
T4062	IO	13-111-049	13-111-049	2/17	
T4063	IO	13-111-050	13-111-050	2/17	
T4070	IO	13-111-051	13-111-051	2/17	
T4071	IO	13-111-052	13-111-052	2/17	
T4072	IO	13-111-053	13-111-053	2/17	
T4073	IO	13-111-054	13-111-054	2/17	

ELEMENT IDENTIFIER
CY

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD13	G	13-086-234	13-086-234	2/13	
1CLK1N	IO	13-086-235	13-086-235	2/13	
1CLK1P	IO	13-086-335	13-086-335	2/13	
1MSG1N	IO	13-086-236	13-086-236	2/13	
1MSG1P	IO	13-086-336	13-086-336	2/13	
1NINT1N	IO	13-086-233	13-086-233	2/13	
1NINT1P	IO	13-086-333	13-086-333	2/13	
1RPLY1N	IO	13-086-237	13-086-237	2/13	
1RPLY1P	IO	13-086-337	13-086-337	2/13	
1SLCT1P	IO	13-086-334	13-086-334	2/13	

ELEMENT IDENTIFIER
CZ

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD13	G	13-086-034	13-086-234	2/13	
1CLKON	IO	13-086-035	13-086-035	2/13	
1CLKOP	IO	13-086-135	13-086-135	2/13	
1MSGON	IO	13-086-036	13-086-036	2/13	
1MSGOP	IO	13-086-136	13-086-136	2/13	
1NINTON	IO	13-086-033	13-086-033	2/13	
1NINTOP	IO	13-086-133	13-086-133	2/13	
1RPLYON	IO	13-086-037	13-086-037	2/13	
1RPLYOP	IO	13-086-137	13-086-137	2/13	
1SLCTOP	IO	13-086-134	13-086-134	2/13	

ELEMENT IDENTIFIER
DA

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
1DAINON	IO	13-078-133	13-078-133	2/12	
1DAINOP	IO	13-078-033	13-078-033	2/12	
1DAOTON	IO	13 078-134	13-078-134	2/12	
1DAOTOP	IO	13-078-034	13-078-034	2/12	
14MCK1ON	IO	13-078-136	13-078-136	2/12	
14MCK1OP	IO	13-078-036	13-078-036	2/12	
18KSNCON	IO	13-078-135	13-078-135	2/12	
18KSNCOP	IO	13-078-035	13-078-035	2/12	

ELEMENT IDENTIFIER
DB

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
1DAIN1N	IO	13-078-138	13-078-138	2/12	
1DAIN1P	IO	13-078-038	13-078-038	2/12	
1DAOT1N	IO	13-078-139	13-078-139	2/12	
1DAOT1P	IO	13-078-039	13-078-039	2/12	
14MCK1IN	IO	13-078-141	13-078-141	2/12	
14MCK1IP	IO	13-078-041	13-078-041	2/12	
18KSNC1N	IO	13-078-140	13-078-140	2/12	
18KSNC1P	IO	13-078-040	13-078-040	2/12	

ELEMENT IDENTIFIER
DC

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
-48V0	P	01-022-0B0	01-022-0B0	1/41	
-48V1	P	01-068-0B0	01-068-0B0	1/43	
-48V2	P	01-120-1B0	01-120-1B0	1/45	
-48V3	P	01-128-3B0	01-128-3B0	1/47	
-48V4	P	01-157-0B0	01-157-0B0	1/49	
-48V5	P	01-173-0B0	01-173-0B0	1/51	

ELEMENT IDENTIFIER
DD

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
-48RTN	G	01-109-0B0	01-109-0B0	1/44	
-48RTN	G	01-165-0B0	01-109-0B0	1/44	
-48RTN	G	01-149-0B0	01-109-0B0	1/44	
-48RTN	G	01-125-0B0	01-109-0B0	1/44	
GRDLUG	G	01-014-0B0	10-060-0B0	2/42	
GRDLUG	G	01-060-0B0	10-060-0B0	2/42	

ELEMENT IDENTIFIER
DE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
-48V0A	P	10-022-0B0	10-022-0B0	2/41	
-48V1A	P	10-068-0B0	10-068-0B0	2/43	
-48VZA	P	10-120-1B0	10-120-1B0	2/47	
-48V3A	P	10-128-3B0	10-128-3B0	2/49	
-48V4A	P	10-157-0B0	10-157-0B0	2/51	
-48V5A	P	10-173-0B0	10-173-0B0	2/53	

ELEMENT IDENTIFIER
DF

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
-48RTNA	G	10-149-0B0	10-109-0B0	2/46	
-48RTNA	G	10-165-0B0	10-109-0B0	2/46	
-48RTNA	G	10-109-0B0	10-109-0B0	2/46	
-48RTNA	G	10-125-0B0	10-109-0B0	2/46	
GRDLUG	G	10-014-0B0	10-060-0B0	2/42	
GRDLUG	G	10-060-0B0	10-060-0B0	2/42	

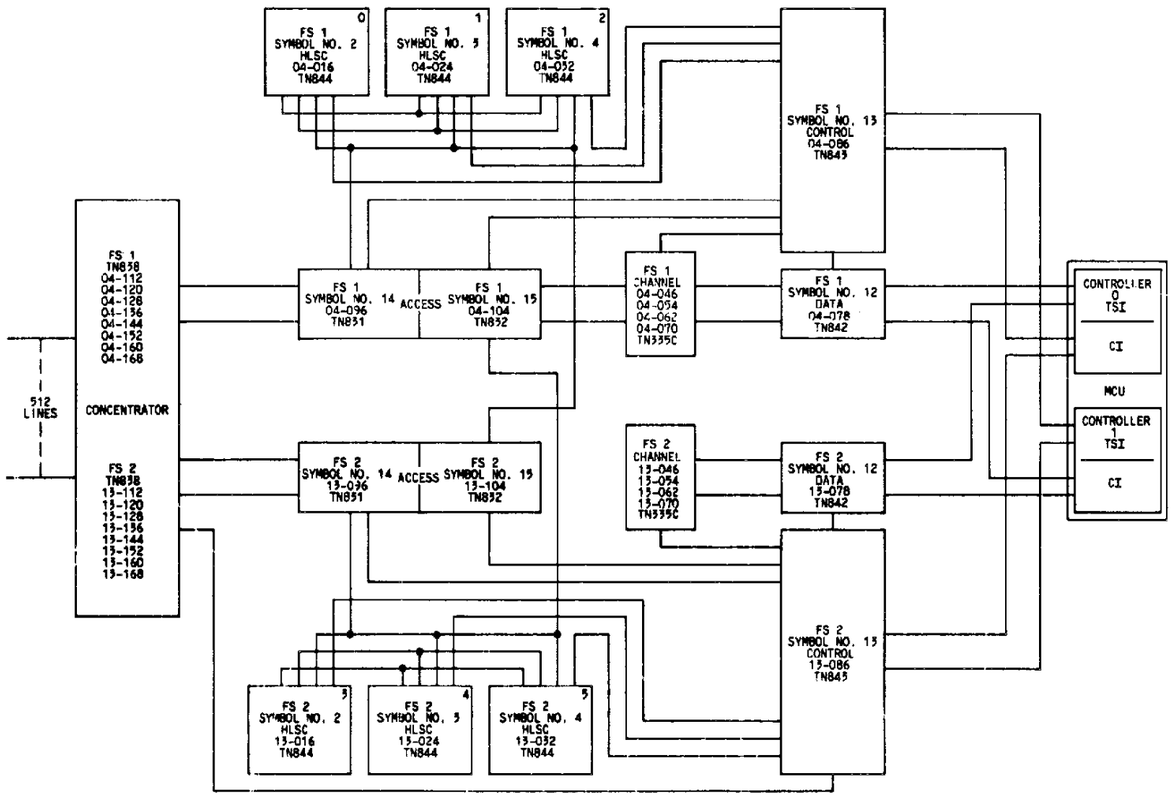
LINE UNIT, MODEL 2

DWG SIZE	ISSUE
C2	2B

AT&T BELL LABORATORIES	SD-5D052-02	GB10

BD 1

BLOCK DIAGRAM



LINE UNIT, MODEL 2	DWG SIZE 6B	ISSUE 4B
AT&T BELL LABORATORIES SD-5D052-02		SHEET H1