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DWG ISS	CD ISS	DATE ISSD	DRN	APP
1	1	7-15-93		
	APPX			

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SYSTEM USED ON	DESIGN CONTROL	CATEGORY	NO
5ESS	IH	EQUIPMENT DRAWING	J5D004AM

SHEET INDEX NOTES

- ONLY THE LATEST ISSUE, OR ISSUES IF CONCURRENT, ARE SHOWN IN THE INDEX.
- FOR REISSUES, A CHANGED OR NEW SHEET IS ASSIGNED THE SAME ISSUE NUMBER AS SHEET 1.
- THE ISSUE NUMBER OF SHEET 1 IS RECOGNIZED AS THE ISSUE NUMBER OF THE WHOLE DRAWING.

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BT13

**5ESS[®] SWITCHING EQUIPMENT
REMOTE LINE GROUP
UNIT
CIRCUIT**

DWG SIZE C2	ISSUE 1
AT&T	SD-5D517-01
SHEET 28	A1

0 1 2 3 4 5 6 7 8 9

DESIGNATION MNEMONIC INDEX

MNEMONIC	LOCATION	DEFINITION	MNEMONIC	LOCATION	DEFINITION	MNEMONIC	LOCATION	DEFINITION												
(+, -)5V(0,1)		PLUS OR MINUS 5-VOLT LEADS FROM RLGI-R PACK TO (E)HLSC PACK. LEAD NAMES ENDING WITH "0" ARE FOR CONNECTIONS BETWEEN RLGI-R & (E)HLSC "0" PACKS, AND LEAD NAMES ENDING WITH "1" ARE FOR RLGI-R & (E)HLSC "1" PACKS.	(0,1)PCADB(0,1)		PERIPHERAL CONTROL AND DATA BUS LEADS. THOSE STARTING WITH "0" CONNECT THE (E)HLSC "0" BOARD TO THE "0" SIDES OF THE RLGI-R BOARDS, WHILE LEADS STARTING WITH "1" CONNECT THE (E)HLSC "1" BOARD TO THE "1" SIDES OF THE RLGI-R BOARDS. LEAD NAMES ENDING WITH "0" CONNECT THE RLGI-R "0" BOARD TO THE (E)HLSC BOARDS, WHILE LEADS ENDING WITH "1" CONNECT THE RLGI-R "1" BOARD TO THE (E)HLSC BOARDS. THE SIX PCADB LEADS ARE: <table style="margin-left: 20px; border: none;"> <tr><td>PD</td><td>PCADB DATA</td></tr> <tr><td>EN</td><td>ENABLE</td></tr> <tr><td>SR</td><td>SERVICE REQUEST</td></tr> <tr><td>AW</td><td>ALL SEEMS WELL</td></tr> <tr><td>CK</td><td>CLOCK</td></tr> <tr><td>SL</td><td>SIDE SELECT</td></tr> </table>	PD	PCADB DATA	EN	ENABLE	SR	SERVICE REQUEST	AW	ALL SEEMS WELL	CK	CLOCK	SL	SIDE SELECT	(0,1)RAREQ		BOARD ACCESS REQUEST. THE "0" LEAD IS OUTPUT FROM THE RLGI-R "0" BOARD AND INPUT TO THE RLGI-R "1" BOARD. THE "1" LEAD IS OUTPUT FROM THE "1" BOARD AND INPUT TO THE "0" BOARD.
PD	PCADB DATA																			
EN	ENABLE																			
SR	SERVICE REQUEST																			
AW	ALL SEEMS WELL																			
CK	CLOCK																			
SL	SIDE SELECT																			
-48V(A,B,C,D)		HOT LEADS FROM 48-VOLT FUSE & FILTER UNIT.				(0,1)RDO		MATE DATA OUT. THE "0" LEAD IS OUTPUT FROM THE RLGI-R "0" BOARD AND INPUT TO THE RLGI-R "1" BOARD. THE "1" LEAD IS OUTPUT FROM THE "1" BOARD AND INPUT TO THE "0" BOARD.												
48(A,B,C,D)RTN		RETURN LEADS FOR -48V(A,B,C,D).				(0,1)RDI		MATE DATA IN. THE "0" LEAD IS OUTPUT FROM THE RLGI-R "0" BOARD AND INPUT TO THE RLGI-R "1" BOARD. THE "1" LEAD IS OUTPUT FROM THE "1" BOARD AND INPUT TO THE "0" BOARD.												
GRD		48RTN BACKPLANE GROUND. GRD OF ALL CIRCUIT PACK POSITIONS CONNECT TO THIS GROUND, WHICH IS ALSO CONNECTED TO THE RETURN LUGS FOR THE -48 VOLT POWER INPUTS.				(0,1)RDI		MATE DATA IN. THE "0" LEAD IS OUTPUT FROM THE RLGI-R "0" BOARD AND INPUT TO THE RLGI-R "1" BOARD. THE "1" LEAD IS OUTPUT FROM THE "1" BOARD AND INPUT TO THE "0" BOARD.												
FGRD		FRAME GROUND.	HLSC(T,R)(0,1)		HIGH LEVEL SERVICE CIRCUIT BUS. T & R IDENTIFY TIP & RING LEADS. LEADS NAMES ENDING WITH "0" CONNECT TO THE (E)HLSC "0" BOARD, WHILE THOSE ENDING WITH "1" CONNECT TO THE (E)HLSC "1" BOARD.	(0,1)EXT(0,1)		EXTRA LEADS AVAILABLE FOR FUTRUE USE. THE LEAD NAMES STARTING WITH "0" ARE OUTPUT FROM THE RLGI-R "0" BOARD AND INPUT TO THE RLGI-R "1" BOARD, WHILE THOSE STARTING WITH "1" ARE OUTPUT FROM THE "1" BOARD AND INPUT TO THE "0" BOARD. THERE ARE TWO OF THESE LEADS AVAILABLE, IDENTIFIED BY THE 0 & 1 ENDINGS.												
XGRD		TRANSMISSION COAX GROUND.				(0,1)LI(P,N)		LINE IN PAIR. LEADS STARTING WITH "0" CONNECT TO THE RLGI-R "0" BOARD, WHILE THOSE STARTING WITH "1" CONNECT TO THE "1" BOARD. P & N IDENTIFY THE DIFFERENTIAL MEMBERS OF EACH PAIR.												
SPIN(T,R)		SPARE IN BUS.	TIP(0,1)		TIP LEAD STRAPPING FOR (E)HLSC BOARDS. THE LEAD NAME ENDING WITH "0" IS ON THE "0" BOARD, WHILE THE ONE ENDING WITH "1" IS ON THE "1" BOARD.	(0,1)LO(P,N)		LINE OUT PAIR. LEADS STARTING WITH "0" CONNECT TO THE RLGI-R "0" BOARD, WHILE THOSE STARTING WITH "1" CONNECT TO THE "1" BOARD. P & N IDENTIFY THE DIFFERENTIAL MEMBERS OF EACH PAIR.												
SPOUT(T,R)		SPARE OUT BUS.	RING(0,1)		RING LEAD STRAPPING FOR (E)HLSC BOARDS. THE LEAD NAME ENDING WITH "0" IS ON THE "0" BOARD, WHILE THE ONE ENDING WITH "1" IS ON THE "1" BOARD.	(2,4)(T,R)(0,1)(0-7)(0-7)		TIP AND RING LEADS. 												
(A,B)LIDB(0,1)		LINE INTERFACE DATA BUS LEADS. THOSE STARTING WITH "A" ARE FROM THE "A" SIDE OF AN RLGI-R PACK, WHILE LEADS STARTING WITH "B" ARE FROM THE "B" SIDE. LEADS ENDING WITH "0" GO TO THE "0" SIDE OF FOUR LINE PACKS, WHILE LEADS ENDING WITH "1" GO TO THE "1" SIDE. THE FIVE LIDB LEADS ARE: <table style="margin-left: 20px; border: none;"> <tr><td>SYN</td><td>SYNCHRONIZATION</td></tr> <tr><td>CLK</td><td>CLOCK</td></tr> <tr><td>SEL</td><td>SELECT</td></tr> <tr><td>DD</td><td>DATA DOWNSTREAM</td></tr> <tr><td>DU</td><td>DATA UPSTREAM</td></tr> </table>	SYN	SYNCHRONIZATION	CLK	CLOCK	SEL	SELECT	DD	DATA DOWNSTREAM	DU	DATA UPSTREAM	(0,1)ALM(1-6)(T,R)		ALARM LEAD PAIRS. LEAD NAMES STARTING WITH "0" CONNECT TO THE RLGI-R "0" BOARD, WHILE THOSE STARTING WITH "1" CONNECT TO THE RLGI-R "1" BOARD. THE NUMBERS 1-6 REPRESENT THE SIX ALARM LEAD PAIRS. T & R IDENTIFY THE TIP & RING MEMBERS OF THE PAIRS.					
SYN	SYNCHRONIZATION																			
CLK	CLOCK																			
SEL	SELECT																			
DD	DATA DOWNSTREAM																			
DU	DATA UPSTREAM																			
(0,1)LGB(L,H)(T,R)		LINE GROUP BUS LEADS BETWEEN THE RLGI-R BOARDS AND LINE PACKS. THOSE STARTING WITH "0" CONNECT TO THE "0" SIDE OF THE LINE PACKS, WHILE LEADS STARTING WITH "1" CONNECT TO THE "1" SIDE. LEAD NAMES CONTAINING "L" CONNECT TO THE LOW NUMBERED LINE PACKS (LP0, LP1, LP4 & LP5) ON BOTH SIDES OF THE UNIT, WHILE THOSE CONTAINING "H" CONNECT TO THE HIGH NUMBERED LINE PACKS (LP2, LP3, LP6 & LP7) ON EACH SIDE. T & R IDENTIFY TIP & RING LEADS.	(0,1)CLK4		4 Mhz CLOCK. THE "0" LEAD IS STRAPPED ON THE RLGI-R "0" BOARD, WHILE THE "1" LEAD IS ON THE "1" BOARD.															
			(0,1)REFCLK		REFERENCE CLOCK. THE "0" LEAD IS OUTPUT FROM THE RLGI-R "0" BOARD AND INPUT TO THE RLGI-R "1" BOARD. THE "1" LEAD IS OUTPUT FROM THE "1" BOARD AND INPUT TO THE "0" BOARD.															
			(0,1)REFSYN		REFERENCE SYNC. THE "0" LEAD IS OUTPUT FROM THE RLGI-R "0" BOARD AND INPUT TO THE RLGI-R "1" BOARD. THE "1" LEAD IS OUTPUT FROM THE "1" BOARD AND INPUT TO THE "0" BOARD.															

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REMOTE LINE GROUP UNIT	DWG SIZE C2	ISSUE 1
AT&T	SD-5D517-01	
		SHEET A2

A
B
C
D
E
F
G
H

1 LEAD INDEX							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
+5V0	(E) HLSCO	04-026	034	P	+5V		B201/H1
+5V0	(E) HLSCO	04-026	035	P	+5V		B201/H1
+5V0	(E) HLSCO	04-026	036	P	+5V		B201/H1
+5V0	(E) HLSCO	04-026	134	P	+5V		B201/H1
+5V0	(E) HLSCO	04-026	135	P	+5V		B201/H1
+5V0	RLGI-R0	04-034	046	O	+5OUT		B301/G3
+5V0	RLGI-R0	04-034	146	O	+5OUT		B301/G3
+5V1	RLGI-R1	04-042	046	O	+5OUT		B302/G3
+5V1	RLGI-R1	04-042	146	O	+5OUT		B302/G3
+5V1	(E) HLSC1	04-050	034	P	+5V		B202/H1
+5V1	(E) HLSC1	04-050	035	P	+5V		B202/H1
+5V1	(E) HLSC1	04-050	036	P	+5V		B202/H1
+5V1	(E) HLSC1	04-050	134	P	+5V		B202/H1
+5V1	(E) HLSC1	04-050	135	P	+5V		B202/H1
-48VA	03-010	03-010	028	P			B401/B2 *
-48VA	LUGPA	03-010-028	1	P	PWR1		B401/B4
-48VA	LUGPA	03-010-028	2	P	PWR2		B401/B4
-48VA	LUGPA	03-010-028	3	P	PWR3		B401/B4
-48VA	LUGPA	03-010-028	4	P	PWR4		B401/B4
-48VA	LP0	04-000	032	P	-48V0		B101/G3
-48VA	LP0	04-000	033	P	-48V2		B101/G3
-48VA	LP0	04-000	132	P	-48V1		B101/G3
-48VA	LP0	04-000	133	P	-48V3		B101/G3
-48VA	LP1	04-006	032	P	-48V0		B102/F3
-48VA	LP1	04-006	033	P	-48V2		B102/F3
-48VA	LP1	04-006	132	P	-48V1		B102/F3
-48VA	LP1	04-006	133	P	-48V3		B102/F3
-48VA	LP2	04-012	032	P	-48V0		B103/F3
-48VA	LP2	04-012	033	P	-48V2		B103/F3
-48VA	LP2	04-012	132	P	-48V1		B103/F3
-48VA	LP2	04-012	133	P	-48V3		B103/F3
-48VA	LP3	04-018	032	P	-48V0		B104/F3
-48VA	LP3	04-018	033	P	-48V2		B104/F3
-48VA	LP3	04-018	132	P	-48V1		B104/F3
-48VA	LP3	04-018	133	P	-48V3		B104/F3
-48VB	03-030	03-030	028	P			B401/C2 *
-48VB	LUGPB	03-030-028	1	P	PWR1		B401/C4
-48VB	LUGPB	03-030-028	2	P	PWR2		B401/C4
-48VB	LUGPB	03-030-028	3	P	PWR3		B401/C4
-48VB	LUGPB	03-030-028	4	P	PWR4		B401/C4
-48VB	(E) HLSC0	04-026	000	P	-48		B201/H1
-48VB	(E) HLSC0	04-026	001	P	-48		B201/H1
-48VB	(E) HLSC0	04-026	002	P	-48		B201/H1
-48VB	(E) HLSC0	04-026	101	P	-48		B201/H1
-48VB	(E) HLSC0	04-026	102	P	-48		B201/H1
-48VB	RLGI-R0	04-034	048	P	-48		B301/G3
-48VB	RLGI-R0	04-034	148	P	-48		B301/G3
-48VC	03-046	03-046	028	P			B401/B2 *
-48VC	LUGPC	03-046-028	1	P	PWR1		B401/B4
-48VC	LUGPC	03-046-028	2	P	PWR2		B401/B4
-48VC	LUGPC	03-046-028	3	P	PWR3		B401/B4
-48VC	LUGPC	03-046-028	4	P	PWR4		B401/B4
-48VC	RLGI-R1	04-042	048	P	-48		B302/G3
-48VC	RLGI-R1	04-042	148	P	-48		B302/G3
-48VC	(E) HLSC1	04-050	000	P	-48		B202/H1
-48VC	(E) HLSC1	04-050	001	P	-48		B202/H1
-48VC	(E) HLSC1	04-050	002	P	-48		B202/H1
-48VC	(E) HLSC1	04-050	100	P	-48		B202/H1
-48VC	(E) HLSC1	04-050	101	P	-48		B202/H1
-48VC	(E) HLSC1	04-050	102	P	-48		B202/H1
-48VD	03-066	03-066	028	P			B401/F2 *
-48VD	LUGPD	03-066-028	1	P	PWR1		B401/F4
-48VD	LUGPD	03-066-028	2	P	PWR2		B401/F4
-48VD	LUGPD	03-066-028	3	P	PWR3		B401/F4
-48VD	LUGPD	03-066-028	4	P	PWR4		B401/F4
-48VD	LP4	04-056	032	P	-48V0		B105/F3
-48VD	LP4	04-056	033	P	-48V2		B105/F3
-48VD	LP4	04-056	132	P	-48V1		B105/F3
-48VD	LP4	04-056	133	P	-48V3		B105/F3
-48VD	LP5	04-062	032	P	-48V0		B106/F3
-48VD	LP5	04-062	033	P	-48V2		B106/F3
-48VD	LP5	04-062	132	P	-48V1		B106/F3
-48VD	LP5	04-062	133	P	-48V3		B106/F3
-48VD	LP6	04-068	032	P	-48V0		B107/F3
-48VD	LP6	04-068	033	P	-48V2		B107/F3
-48VD	LP6	04-068	132	P	-48V1		B107/F3
-48VD	LP6	04-068	133	P	-48V3		B107/F3
-48VD	LP7	04-074	032	P	-48V0		B108/F3
-48VD	LP7	04-074	033	P	-48V2		B108/F3
-48VD	LP7	04-074	132	P	-48V1		B108/F3
-48VD	LP7	04-074	133	P	-48V3		B108/F3
-5V0	(E) HLSCO	04-026	032	P	-5V		B201/H1
-5V0	(E) HLSCO	04-026	132	P	-5V		B201/H1
-5V0	RLGI-R0	04-034	147	O	-5OUT		B301/G3
-5V1	RLGI-R1	04-042	147	O	-5OUT		B302/G3
-5V1	(E) HLSC1	04-050	032	P	-5V		B202/H1
-5V1	(E) HLSC1	04-050	132	P	-5V		B202/H1

2 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
0ALM1R	RLGI-R0	04-034	043	I	ALM1R		B301/G3 *
0ALM1T	RLGI-R0	04-034	143	I	ALM1T		B301/G3 *
0ALM2R	RLGI-R0	04-034	042	I	ALM2R		B301/G3 *
0ALM2T	RLGI-R0	04-034	142	I	ALM2T		B301/G3 *
0ALM3R	RLGI-R0	04-034	041	I	ALM3R		B301/G3 *
0ALM3T	RLGI-R0	04-034	141	I	ALM3T		B301/G3 *
0ALM4R	RLGI-R0	04-034	040	I	ALM4R		B301/G3 *
0ALM4T	RLGI-R0	04-034	140	I	ALM4T		B301/G3 *
0ALM5R	RLGI-R0	04-034	039	I	ALM5R		B301/G3 *
0ALM5T	RLGI-R0	04-034	139	I	ALM5T		B301/G3 *
0ALM6R	RLGI-R0	04-034	038	I	ALM6R		B301/G3 *
0ALM6T	RLGI-R0	04-034	138	I	ALM6T		B301/G3 *
0AW0	(E) HLSC0	04-026	323	IO	ASW0		B201/H1
0AW0	RLGI-R0	04-034	019	I	ASW0		B301/G3
0AW1	(E) HLSC0	04-026	213	IO	ASWWR1N		B201/H1
0AW1	RLGI-R1	04-042	019	I	ASW0		B302/G3
0CK0	(E) HLSC0	04-026	320	IO	CLOCK		B201/H1
0CK0	RLGI-R0	04-034	022	O	CLK0		B301/G3
0CK1	(E) HLSC0	04-026	314	IO	CLK1		B201/H1
0CK1	RLGI-R1	04-042	022	O	CLK0		B302/G3
0CLK4	RLGI-R0	04-034	010	I	CLK4IN		B301/G3
0CLK4	RLGI-R0	04-034	110	O	CLK4OUT		B301/G3
0EN0	(E) HLSC0	04-026	220	IO	ENABE		B201/H1
0EN0	RLGI-R0	04-034	020	O	ENAB0		B301/G3
0EN1	(E) HLSC0	04-026	316	IO	ENIN		B201/H1
0EN1	RLGI-R1	04-042	020	O	ENAB0		B302/G3
0EXT0	RLGI-R0	04-034	112	O	EXT0OUT		B301/G3
0EXT0	RLGI-R1	04-042	012	I	EXT0IN		B302/G3
0EXT1	RLGI-R0	04-034	113	O	EXT1OUT		B301/G3
0EXT1	RLGI-R1	04-042	013	I	EXT1IN		B302/G3
0LGBHR	LP2	04-012	014	I	LGBOR		B103/F3
0LGBHR	LP3	04-018	014	I	LGBOR		B104/F3
0LGBHR	RLGI-R0	04-034	052	IO	LGBOR		B301/G3
0LGBHR	RLGI-R1	04-042	052	IO	LGBOR		B302/G3
0LGBHR	LP6	04-068	014	I	LGBOR		B107/F3
0LGBHR	LP7	04-074	014	I	LGBOR		B108/F3
0LGBHT	LP2	04-012	114	I	LGBOT		B103/F3
0LGBHT	LP3	04-018	114	I	LGBOT		B104/F3
0LGBHT	RLGI-R0	04-034	152	IO	LGBOHT		B301/G3
0LGBHT	RLGI-R1	04-042	152	IO	LGBOHT		B302/G3
0LGBHT	LP6	04-068	114	I	LGBOT		B107/F3
0LGBHT	LP7	04-074	114	I	LGBOT		B108/F3
0LGBLR	LP0	04-000	014	I	LGBOR		B101/G3
0LGBLR	LP1	04-006	014	I	LGBOR		B102/F3
0LGBLR	RLGI-R0	04-034	053	IO	LGBOLR		B301/G3
0LGBLR	RLGI-R1	04-042	053	IO	LGBOLR		B302/G3
0LGBLR	LP4	04-056	014	I	LGBOR		B105/F3
0LGBLR	LP5	04-062	014	I	LGBOR		B106/F3
0LGBLT	LP0	04-000	114	I	LGBOT		B101/G3
0LGBLT	LP1	04-006	114	I	LGBOT		B102/F3
0LGBLT	RLGI-R0	04-034	153	IO	LGBOLT		B301/G3
0LGBLT	RLGI-R1	04-042	153	IO	LGBOLT		B302/G3
0LGBLT	LP4	04-056	114	I	LGBOT		B105/F3
0LGBLT	LP5	04-062	114	I	LGBOT		B106/F3
0LIN	RLGI-R0	04-034	000	I	LIN		B301/G3 *
0LIP	RLGI-R0	04-034	100	I	LIP		B301/G3 *
0LON	RLGI-R0	04-034	002	O	LON		B301/G3 *
0LOP	RLGI-R0	04-034	102	O	LOP		B301/G3 *
0MTBR	RLGI-R0	04-034	054	IO	MTBR		B301/G3 *
0MTBT	RLGI-R0	04-034	055	IO	MTBT		B301/G3 *
0PDO	(E) HLSC0	04-026	321	IO	DATA		B201/H1
0PDO	RLGI-R0	04-034	021	IO	DATA0		B301/G3
0PDI	(E) HLSC0	04-026	313	IO	DATA1		B201/H1

3 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
0PDI	RLGI-R1	04-042	021	IO	DATA0		B302/G3
0RAREQ	RLGI-R0	04-034	106	O	RAREQ		B301/G3
0RAREQ	RLGI-R1	04-042	006	I	MRAREQ		B302/G3
0RDI	RLGI-R0	04-034	104	O	RDI		B301/G3
0RDI	RLGI-R1	04-042	004	I	MRDI		B302/G3
0RDO	RLGI-R0	04-034	105	O	RDO		B301/G3
0RDO	RLGI-R1	04-042	005	I	MRDO		B302/G3
0REFCLK	RLGI-R0	04-034	109	O	REFCLK4		B301/G3
0REFCLK	RLGI-R1	04-042	009	I	MREFCLK4		B302/G3
0REFSYN	RLGI-R0	04-034	107	O	REFSYN		B301/G3
0REFSYN	RLGI-R1	04-042	007	I	MREFSYN		B302/G3
0SLO	(E) HLSC0	04-026	312	IO	SELO		B201/H1
0SLO	RLGI-R0	04-034	017	O	SELO		B301/G3
0SLO	RLGI-R1	04-042	011	I	PSELIN		B302/G3
0SL1	(E) HLSC0	04-026	311	IO	SEL1		B201/H1
0SL1	RLGI-R0	04-034	011	I	PSELIN		B301/G3
0SL1	RLGI-R1	04-042	017	O	SELO		B302/G3
0SR0	(E) HLSC0	04-026	317	IO	RTRIP0		B201/H1
0SR0	RLGI-R0	04-034	018	I	SVCRQ0		B301/G3
0SR1	(E) HLSC0	04-026	217	IO	ATRIP1		B201/H1
0SR1	RLGI-R1	04-042	018	I	SVCRQ0		B302/G3
1ALM1R	RLGI-R1	04-042	043	I	ALM1R		B302/G3 *
1ALM1T	RLGI-R1	04-042	143	I	ALM1T		B302/G3 *
1ALM2R	RLGI-R1	04-042	042	I	ALM2R		B302/G3 *
1ALM2T	RLGI-R1	04-042	142	I			

4 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
1EXT0	RLGI-R0	04-034	012	I EXT0IN	B301/G3		
1EXT0	RLGI-R1	04-042	112	O EXT0OUT	B302/G3		
1EXT1	RLGI-R0	04-034	013	I EXT1IN	B301/G3		
1EXT1	RLGI-R1	04-042	113	O EXT1OUT	B302/G3		
1LGBHR	LP2	04-012	013	I LGB1R	B103/F3		
1LGBHR	LP3	04-018	013	I LGB1R	B104/F3		
1LGBHR	RLGI-R0	04-034	050	IO LGB1HR	B301/G3		
1LGBHR	RLGI-R1	04-042	050	IO LGB1HR	B302/G3		
1LGBHR	LP6	04-068	013	I LGB1R	B107/F3		
1LGBHR	LP7	04-074	013	I LGB1R	B108/F3		
1LGBHT	LP2	04-012	113	I LGB1T	B103/F3		
1LGBHT	LP3	04-018	113	I LGB1T	B104/F3		
1LGBHT	RLGI-R0	04-034	150	IO LGB1HT	B301/G3		
1LGBHT	RLGI-R1	04-042	150	IO LGB1HT	B302/G3		
1LGBHT	LP6	04-068	113	I LGB1T	B107/F3		
1LGBHT	LP7	04-074	113	I LGB1T	B108/F3		
1LGBLR	LP0	04-000	013	I LGB1R	B101/G3		
1LGBLR	LP1	04-006	013	I LGB1R	B102/F3		
1LGBLR	RLGI-R0	04-034	051	IO LGB1LR	B301/G3		
1LGBLR	RLGI-R1	04-042	051	IO LGB1LR	B302/G3		
1LGBLR	LP4	04-056	013	I LGB1R	B105/F3		
1LGBLR	LP5	04-062	013	I LGB1R	B106/F3		
1LGBLT	LP0	04-000	113	I LGB1T	B101/G3		
1LGBLT	LP1	04-006	113	I LGB1T	B102/F3		
1LGBLT	RLGI-R0	04-034	151	IO LGB1LT	B301/G3		
1LGBLT	RLGI-R1	04-042	151	IO LGB1LT	B302/G3		
1LGBLT	LP4	04-056	113	I LGB1T	B105/F3		
1LGBLT	LP5	04-062	113	I LGB1T	B106/F3		
1LIN	RLGI-R1	04-042	000	I LIN	B302/G3	*	
1LIP	RLGI-R1	04-042	100	I LIP	B302/G3	*	
1LON	RLGI-R1	04-042	002	O LON	B302/G3	*	
1LOP	RLGI-R1	04-042	102	O LOP	B302/G3	*	
1MTBR	RLGI-R1	04-042	054	IO MTBR	B302/G3	*	
1MTBT	RLGI-R1	04-042	055	IO MTBT	B302/G3	*	
1PDO	RLGI-R0	04-034	121	IO DATA1	B301/G3		
1PDO	(E)HLSC1	04-050	321	IO DATA	B202/H1		
1PDI	RLGI-R1	04-042	121	IO DATA1	B302/G3		
1PDI	(E)HLSC1	04-050	313	IO DATA1	B202/H1		
1RAREQ	RLGI-R0	04-034	006	I MRAREQ	B301/G3		
1RAREQ	RLGI-R1	04-042	106	O RAREQ	B302/G3		
1RDI	RLGI-R0	04-034	004	I MRDI	B301/G3		
1RDI	RLGI-R1	04-042	104	O RDI	B302/G3		
1RDO	RLGI-R0	04-034	005	I MRDO	B301/G3		
1RDO	RLGI-R1	04-042	105	O RDO	B302/G3		
1RBFCLK	RLGI-R0	04-034	009	I MRBFCLK4	B301/G3		
1RBFCLK	RLGI-R1	04-042	109	O RBFCLK4	B302/G3		
1RFSYN	RLGI-R0	04-034	007	I MRFSYN	B301/G3		
1RFSYN	RLGI-R1	04-042	107	O RFSYN	B302/G3		
1SLO	RLGI-R0	04-034	117	O SEL1	B301/G3		
1SLO	(E)HLSC1	04-050	312	IO SEL0	B202/H1		
1SL1	RLGI-R1	04-042	117	O SEL1	B302/G3		
1SL1	(E)HLSC1	04-050	311	IO SEL1	B202/H1		
1SR0	RLGI-R0	04-034	118	I SVCRQ1	B301/G3		
1SR0	(E)HLSC1	04-050	317	IO RTRIP0	B202/H1		
1SR1	RLGI-R1	04-042	118	I SVCRQ1	B302/G3		
1SR1	(E)HLSC1	04-050	217	IO ATRIP1	B202/H1		
4R000	LP0	04-000	008	IO RT00/R000	B101/G3	*	
4R001	LP0	04-000	045	IO R01/R001	B101/G3	*	
4R002	LP0	04-000	006	IO R04/R002	B101/G3	*	
4R003	LP0	04-000	047	IO R05/R003	B101/G3	*	
4R004	LP0	04-000	004	IO R08/R004	B101/G3	*	
4R005	LP0	04-000	049	IO R09/R005	B101/G3	*	
4R006	LP0	04-000	002	IO R12/R006	B101/G3	*	
4R007	LP0	04-000	051	IO R13/R007	B101/G3	*	

5 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
4R010	LP1	04-006	008	IO RT00/R000	B102/F3	*	
4R010	LP1	04-006	010	IO R00/NC	B102/F3		
4R011	LP1	04-006	045	IO R01/R001	B102/F3	*	
4R012	LP1	04-006	006	IO R04/R002	B102/F3	*	
4R013	LP1	04-006	047	IO R05/R003	B102/F3	*	
4R014	LP1	04-006	004	IO R08/R004	B102/F3	*	
4R015	LP1	04-006	049	IO R09/R005	B102/F3	*	
4R016	LP1	04-006	002	IO R12/R006	B102/F3	*	
4R017	LP1	04-006	051	IO R13/R007	B102/F3	*	
4R020	LP2	04-012	008	IO RT00/R000	B103/F3	*	
4R020	LP2	04-012	010	IO R00/NC	B103/F3		
4R021	LP2	04-012	045	IO R01/R001	B103/F3	*	
4R022	LP2	04-012	006	IO R04/R002	B103/F3	*	
4R023	LP2	04-012	047	IO R05/R003	B103/F3	*	
4R024	LP2	04-012	004	IO R08/R004	B103/F3	*	
4R025	LP2	04-012	049	IO R09/R005	B103/F3	*	
4R026	LP2	04-012	002	IO R12/R006	B103/F3	*	
4R027	LP2	04-012	051	IO R13/R007	B103/F3	*	
4R030	LP3	04-018	008	IO RT00/R000	B104/F3	*	
4R030	LP3	04-018	010	IO R00/NC	B104/F3		
4R031	LP3	04-018	045	IO R01/R001	B104/F3	*	
4R032	LP3	04-018	006	IO R04/R002	B104/F3	*	
4R033	LP3	04-018	047	IO R05/R003	B104/F3	*	
4R034	LP3	04-018	004	IO R08/R004	B104/F3	*	
4R035	LP3	04-018	049	IO R09/R005	B104/F3	*	
4R036	LP3	04-018	002	IO R12/R006	B104/F3	*	
4R037	LP3	04-018	051	IO R13/R007	B104/F3	*	
4R040	LP4	04-056	008	IO RT00/R000	B105/F3	*	
4R040	LP4	04-056	010	IO R00/NC	B105/F3		
4R041	LP4	04-056	045	IO R01/R001	B105/F3	*	
4R042	LP4	04-056	006	IO R04/R002	B105/F3	*	
4R043	LP4	04-056	047	IO R05/R003	B105/F3	*	
4R044	LP4	04-056	004	IO R08/R004	B105/F3	*	
4R045	LP4	04-056	049	IO R09/R005	B105/F3	*	
4R046	LP4	04-056	002	IO R12/R006	B105/F3	*	
4R047	LP4	04-056	051	IO R13/R007	B105/F3	*	
4R050	LP5	04-062	008	IO RT00/R000	B106/F3	*	
4R050	LP5	04-062	010	IO R00/NC	B106/F3		
4R051	LP5	04-062	045	IO R01/R001	B106/F3	*	
4R052	LP5	04-062	006	IO R04/R002	B106/F3	*	
4R053	LP5	04-062	047	IO R05/R003	B106/F3	*	
4R054	LP5	04-062	004	IO R08/R004	B106/F3	*	
4R055	LP5	04-062	049	IO R09/R005	B106/F3	*	
4R056	LP5	04-062	002	IO R12/R006	B106/F3	*	
4R057	LP5	04-062	051	IO R13/R007	B106/F3	*	
4R060	LP6	04-068	008	IO RT00/R000	B107/F3	*	
4R060	LP6	04-068	010	IO R00/NC	B107/F3		
4R061	LP6	04-068	045	IO R01/R001	B107/F3	*	
4R062	LP6	04-068	006	IO R04/R002	B107/F3	*	
4R063	LP6	04-068	047	IO R05/R003	B107/F3	*	
4R064	LP6	04-068	004	IO R08/R004	B107/F3	*	

6 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
4R065	LP6	04-068	049	IO R09/R005	B107/F3	*	
4R066	LP6	04-068	002	IO R12/R006	B107/F3	*	
4R067	LP6	04-068	051	IO R13/R007	B107/F3	*	
4R070	LP7	04-074	008	IO RT00/R000	B108/F3	*	
4R070	LP7	04-074	010	IO R00/NC	B108/F3		
4R071	LP7	04-074	045	IO R01/R001	B108/F3	*	
4R072	LP7	04-074	006	IO R04/R002	B108/F3	*	
4R073	LP7	04-074	047	IO R05/R003	B108/F3	*	
4R074	LP7	04-074	004	IO R08/R004	B108/F3	*	
4R075	LP7	04-074	049	IO R09/R005	B108/F3	*	
4R076	LP7	04-074	002	IO R12/R006	B108/F3	*	
4R077	LP7	04-074	051	IO R13/R007	B108/F3	*	
4R100	LP0	04-000	007	IO R02/R100	B101/G3	*	
4R101	LP0	04-000	046	IO R03/R101	B101/G3	*	
4R102	LP0	04-000	005	IO R06/R102	B101/G3	*	
4R103	LP0	04-000	048	IO R07/R103	B101/G3	*	
4R104	LP0	04-000	003	IO R10/R104	B101/G3	*	
4R105	LP0	04-000	050	IO R11/R105	B101/G3	*	
4R106	LP0	04-000	001	IO R14/R106	B101/G3	*	
4R107	LP0	04-000	052	IO R15/R107	B101/G3	*	
4R110	LP1	04-006	007	IO R02/R100	B102/F3	*	
4R111	LP1	04-006	046	IO R03/R101	B102/F3	*	
4R112	LP1	04-006	005	IO R06/R102	B102/F3	*	
4R113	LP1	04-006	048	IO R07/R103	B102/F3	*	
4R114	LP1	04-006	003	IO R10/R104	B102/F3	*	
4R115	LP1	04-006	050	IO R11/R105	B102/F3	*	
4R116	LP1	04-006	001	IO R14/R106	B102/F3	*	
4R117	LP1	04-006	052	IO R15/R107	B102/F3	*	
4R120	LP2	04-012	007	IO R02/R100	B103/F3	*	
4R121	LP2	04-012	046	IO R03/R101	B103/F3	*	
4R122	LP2	04-012	005	IO R06/R102	B103/F3	*	
4R123	LP2	04-012	048	IO R07/R103	B103/F3	*	
4R124	LP2	04-012	003	IO R10/R104	B103/F3	*	
4R125	LP2	04-012	050	IO R11/R105	B103/F3	*	
4R126	LP2	04-012	001	IO R14/R106	B103/F3	*	
4R127	LP2	04-012	052	IO R15/R107	B103/F3	*	
4R130	LP3	04-018	007	IO R02/R100	B104/F3	*	
4R131	LP3	04-018	046	IO R03/R101	B104/F3	*	

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SD-5D517-01		SHEET A4

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7 LEAD INDEX (CONTINUED)						
LDBSIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT
4R132	LP3	04-018	005	IO R06/R102	B104/F3	*
4R133	LP3	04-018	048	IO R07/R103	B104/F3	*
4R134	LP3	04-018	003	IO R10/R104	B104/F3	*
4R135	LP3	04-018	050	IO R11/R105	B104/F3	*
4R136	LP3	04-018	001	IO R14/R106	B104/F3	*
4R137	LP3	04-018	052	IO R15/R107	B104/F3	*
4R140	LP4	04-056	007	IO R02/R100	B105/F3	*
4R141	LP4	04-056	046	IO R03/R101	B105/F3	*
4R142	LP4	04-056	005	IO R06/R102	B105/F3	*
4R143	LP4	04-056	048	IO R07/R103	B105/F3	*
4R144	LP4	04-056	003	IO R10/R104	B105/F3	*
4R145	LP4	04-056	050	IO R11/R105	B105/F3	*
4R146	LP4	04-056	001	IO R14/R106	B105/F3	*
4R147	LP4	04-056	052	IO R15/R107	B105/F3	*
4R150	LP5	04-062	007	IO R02/R100	B106/F3	*
4R151	LP5	04-062	046	IO R03/R101	B106/F3	*
4R152	LP5	04-062	005	IO R06/R102	B106/F3	*
4R153	LP5	04-062	048	IO R07/R103	B106/F3	*
4R154	LP5	04-062	003	IO R10/R104	B106/F3	*
4R155	LP5	04-062	050	IO R11/R105	B106/F3	*
4R156	LP5	04-062	001	IO R14/R106	B106/F3	*
4R157	LP5	04-062	052	IO R15/R107	B106/F3	*
4R160	LP6	04-068	007	IO R02/R100	B107/F3	*
4R161	LP6	04-068	046	IO R03/R101	B107/F3	*
4R162	LP6	04-068	005	IO R06/R102	B107/F3	*
4R163	LP6	04-068	048	IO R07/R103	B107/F3	*
4R164	LP6	04-068	003	IO R10/R104	B107/F3	*
4R165	LP6	04-068	050	IO R11/R105	B107/F3	*
4R166	LP6	04-068	001	IO R14/R106	B107/F3	*
4R167	LP6	04-068	052	IO R15/R107	B107/F3	*
4R170	LP7	04-074	007	IO R02/R100	B108/F3	*
4R171	LP7	04-074	046	IO R03/R101	B108/F3	*
4R172	LP7	04-074	005	IO R06/R102	B108/F3	*
4R173	LP7	04-074	048	IO R07/R103	B108/F3	*
4R174	LP7	04-074	003	IO R10/R104	B108/F3	*
4R175	LP7	04-074	050	IO R11/R105	B108/F3	*
4R176	LP7	04-074	001	IO R14/R106	B108/F3	*
4R177	LP7	04-074	052	IO R15/R107	B108/F3	*
4T000	LP0	04-000	108	IO TT00/T000	B101/G3	*
4T001	LP0	04-000	145	IO T01/T001	B101/G3	*
4T002	LP0	04-000	106	IO T04/T002	B101/G3	*
4T003	LP0	04-000	147	IO T05/T003	B101/G3	*
4T004	LP0	04-000	104	IO T08/T004	B101/G3	*
4T005	LP0	04-000	149	IO T09/T005	B101/G3	*
4T006	LP0	04-000	102	IO T12/T006	B101/G3	*
4T007	LP0	04-000	151	IO T13/T007	B101/G3	*
4T010	LP1	04-006	108	IO TT00/T000	B102/F3	*
4T010	LP1	04-006	110	IO T00/NC	B102/F3	*

8 LEAD INDEX (CONTINUED)						
LDBSIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT
4T011	LP1	04-006	145	IO T01/T001	B102/F3	*
4T012	LP1	04-006	106	IO T04/T002	B102/F3	*
4T013	LP1	04-006	147	IO T05/T003	B102/F3	*
4T014	LP1	04-006	104	IO T08/T004	B102/F3	*
4T015	LP1	04-006	149	IO T09/T005	B102/F3	*
4T016	LP1	04-006	102	IO T12/T006	B102/F3	*
4T017	LP1	04-006	151	IO T13/T007	B102/F3	*
4T020	LP2	04-012	108	IO TT00/T000	B103/F3	*
4T020	LP2	04-012	110	IO T00/NC	B103/F3	*
4T021	LP2	04-012	145	IO T01/T001	B103/F3	*
4T022	LP2	04-012	106	IO T04/T002	B103/F3	*
4T023	LP2	04-012	147	IO T05/T003	B103/F3	*
4T024	LP2	04-012	104	IO T08/T004	B103/F3	*
4T025	LP2	04-012	149	IO T09/T005	B103/F3	*
4T026	LP2	04-012	102	IO T12/T006	B103/F3	*
4T027	LP2	04-012	151	IO T13/T007	B103/F3	*
4T030	LP3	04-018	108	IO TT00/T000	B104/F3	*
4T030	LP3	04-018	110	IO T00/NC	B104/F3	*
4T031	LP3	04-018	145	IO T01/T001	B104/F3	*
4T032	LP3	04-018	106	IO T04/T002	B104/F3	*
4T033	LP3	04-018	147	IO T05/T003	B104/F3	*
4T034	LP3	04-018	104	IO T08/T004	B104/F3	*
4T035	LP3	04-018	149	IO T09/T005	B104/F3	*
4T036	LP3	04-018	102	IO T12/T006	B104/F3	*
4T037	LP3	04-018	151	IO T13/T007	B104/F3	*
4T040	LP4	04-056	108	IO TT00/T000	B105/F3	*
4T040	LP4	04-056	110	IO T00/NC	B105/F3	*
4T041	LP4	04-056	145	IO T01/T001	B105/F3	*
4T042	LP4	04-056	106	IO T04/T002	B105/F3	*
4T043	LP4	04-056	147	IO T05/T003	B105/F3	*
4T044	LP4	04-056	104	IO T08/T004	B105/F3	*
4T045	LP4	04-056	149	IO T09/T005	B105/F3	*
4T046	LP4	04-056	102	IO T12/T006	B105/F3	*
4T047	LP4	04-056	151	IO T13/T007	B105/F3	*
4T050	LP5	04-062	108	IO TT00/T000	B106/F3	*
4T050	LP5	04-062	110	IO T00/NC	B106/F3	*
4T051	LP5	04-062	145	IO T01/T001	B106/F3	*
4T052	LP5	04-062	106	IO T04/T002	B106/F3	*
4T053	LP5	04-062	147	IO T05/T003	B106/F3	*
4T054	LP5	04-062	104	IO T08/T004	B106/F3	*
4T055	LP5	04-062	149	IO T09/T005	B106/F3	*
4T056	LP5	04-062	102	IO T12/T006	B106/F3	*
4T057	LP5	04-062	151	IO T13/T007	B106/F3	*
4T060	LP6	04-068	108	IO TT00/T000	B107/F3	*
4T060	LP6	04-068	110	IO T00/NC	B107/F3	*
4T061	LP6	04-068	145	IO T01/T001	B107/F3	*
4T062	LP6	04-068	106	IO T04/T002	B107/F3	*
4T063	LP6	04-068	147	IO T05/T003	B107/F3	*
4T064	LP6	04-068	104	IO T08/T004	B107/F3	*
4T065	LP6	04-068	149	IO T09/T005	B107/F3	*

9 LEAD INDEX (CONTINUED)						
LDBSIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT
4T066	LP6	04-068	102	IO T12/T006	B107/F3	*
4T067	LP6	04-068	151	IO T13/T007	B107/F3	*
4T070	LP7	04-074	108	IO TT00/T000	B108/F3	*
4T070	LP7	04-074	110	IO T00/NC	B108/F3	*
4T071	LP7	04-074	145	IO T01/T001	B108/F3	*
4T072	LP7	04-074	106	IO T04/T002	B108/F3	*
4T073	LP7	04-074	147	IO T05/T003	B108/F3	*
4T074	LP7	04-074	104	IO T08/T004	B108/F3	*
4T075	LP7	04-074	149	IO T09/T005	B108/F3	*
4T076	LP7	04-074	102	IO T12/T006	B108/F3	*
4T077	LP7	04-074	151	IO T13/T007	B108/F3	*
4T100	LP0	04-000	107	IO T02/T100	B101/G3	*
4T101	LP0	04-000	146	IO T03/T101	B101/G3	*
4T102	LP0	04-000	105	IO T06/T102	B101/G3	*
4T103	LP0	04-000	148	IO T07/T103	B101/G3	*
4T104	LP0	04-000	103	IO T10/T104	B101/G3	*
4T105	LP0	04-000	150	IO T11/T105	B101/G3	*
4T106	LP0	04-000	101	IO T14/T106	B101/G3	*
4T107	LP0	04-000	152	IO T15/T107	B101/G3	*
4T110	LP1	04-006	107	IO T02/T100	B102/F3	*
4T111	LP1	04-006	146	IO T03/T101	B102/F3	*
4T112	LP1	04-006	105	IO T06/T102	B102/F3	*
4T113	LP1	04-006	148	IO T07/T103	B102/F3	*
4T114	LP1	04-006	103	IO T10/T104	B102/F3	*
4T115	LP1	04-006	150	IO T11/T105	B102/F3	*
4T116	LP1	04-006	101	IO T14/T106	B102/F3	*
4T117	LP1	04-006	152	IO T15/T107	B102/F3	*
4T120	LP2	04-012	107	IO T02/T100	B103/F3	*
4T121	LP2	04-012	146	IO T03/T101	B103/F3	*
4T122	LP2	04-012	105	IO T06/T102	B103/F3	*
4T123	LP2	04-012	148	IO T07/T103	B103/F3	*
4T124	LP2	04-012	103	IO T10/T104	B103/F3	*
4T125	LP2	04-012	150	IO T11/T105	B103/F3	*
4T126	LP2	04-012	101	IO T14/T106	B103/F3	*
4T127	LP2	04-012	152	IO T15/T107	B103/F3	*
4T130	LP3	04-018	107	IO T02/T100	B104/F3	*
4T131	LP3	04-018	146	IO T03/T101	B104/F3	*
4T132	LP3	04-018	105	IO T06/T102	B104/F3	*

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10 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT
4T133	LP3	04-018	148	IO T07/T103	B104/F3	*	
4T134	LP3	04-018	103	IO T10/T104	B104/F3	*	
4T135	LP3	04-018	150	IO T11/T105	B104/F3	*	
4T136	LP3	04-018	101	IO T14/T106	B104/F3	*	
4T137	LP3	04-018	152	IO T15/T107	B104/F3	*	
4T140	LP4	04-056	107	IO T02/T100	B105/F3	*	
4T141	LP4	04-056	146	IO T03/T101	B105/F3	*	
4T142	LP4	04-056	105	IO T06/T102	B105/F3	*	
4T143	LP4	04-056	148	IO T07/T103	B105/F3	*	
4T144	LP4	04-056	103	IO T10/T104	B105/F3	*	
4T145	LP4	04-056	150	IO T11/T105	B105/F3	*	
4T146	LP4	04-056	101	IO T14/T106	B105/F3	*	
4T147	LP4	04-056	152	IO T15/T107	B105/F3	*	
4T150	LP5	04-062	107	IO T02/T100	B106/F3	*	
4T151	LP5	04-062	146	IO T03/T101	B106/F3	*	
4T152	LP5	04-062	105	IO T06/T102	B106/F3	*	
4T153	LP5	04-062	148	IO T07/T103	B106/F3	*	
4T154	LP5	04-062	103	IO T10/T104	B106/F3	*	
4T155	LP5	04-062	150	IO T11/T105	B106/F3	*	
4T156	LP5	04-062	101	IO T14/T106	B106/F3	*	
4T157	LP5	04-062	152	IO T15/T107	B106/F3	*	
4T160	LP6	04-068	107	IO T02/T100	B107/F3	*	
4T161	LP6	04-068	146	IO T03/T101	B107/F3	*	
4T162	LP6	04-068	105	IO T06/T102	B107/F3	*	
4T163	LP6	04-068	148	IO T07/T103	B107/F3	*	
4T164	LP6	04-068	103	IO T10/T104	B107/F3	*	
4T165	LP6	04-068	150	IO T11/T105	B107/F3	*	
4T166	LP6	04-068	101	IO T14/T106	B107/F3	*	
4T167	LP6	04-068	152	IO T15/T107	B107/F3	*	
4T170	LP7	04-074	107	IO T02/T100	B108/F3	*	
4T171	LP7	04-074	146	IO T03/T101	B108/F3	*	
4T172	LP7	04-074	105	IO T06/T102	B108/F3	*	
4T173	LP7	04-074	148	IO T07/T103	B108/F3	*	
4T174	LP7	04-074	103	IO T10/T104	B108/F3	*	
4T175	LP7	04-074	150	IO T11/T105	B108/F3	*	
4T176	LP7	04-074	101	IO T14/T106	B108/F3	*	
4T177	LP7	04-074	152	IO T15/T107	B108/F3	*	
ACLK0	LP0	04-000	042	I CLK0	B101/G3		
ACLK0	LP1	04-006	042	I CLK0	B102/F3		
ACLK0	LP2	04-012	042	I CLK0	B103/F3		
ACLK0	LP3	04-018	042	I CLK0	B104/F3		
ACLK0	RLGI-R0	04-034	035	O CLKA	B301/G3		
ACLK1	LP0	04-000	038	I CLK1	B101/G3		
ACLK1	LP1	04-006	038	I CLK1	B102/F3		
ACLK1	LP2	04-012	038	I CLK1	B103/F3		
ACLK1	LP3	04-018	038	I CLK1	B104/F3		
ACLK1	RLGI-R1	04-042	035	O CLKA	B302/G3		
ADD0	LP0	04-000	041	I DD0	B101/G3		
ADD0	LP1	04-006	041	I DD0	B102/F3		
ADD0	LP2	04-012	041	I DD0	B103/F3		
ADD0	LP3	04-018	041	I DD0	B104/F3		
ADD0	RLGI-R0	04-034	034	O DDA	B301/G3		
ADD1	LP0	04-000	037	I DD1	B101/G3		
ADD1	LP1	04-006	037	I DD1	B102/F3		
ADD1	LP2	04-012	037	I DD1	B103/F3		

11 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT
ADD1	LP3	04-018	037	I DD1	B104/F3		
ADD1	RLGI-R1	04-042	034	O DDA	B302/G3		
ADU0	LP0	04-000	040	O DU0	B101/G3		
ADU0	LP1	04-006	040	O DU0	B102/F3		
ADU0	LP2	04-012	040	O DU0	B103/F3		
ADU0	LP3	04-018	040	O DU0	B104/F3		
ADU0	RLGI-R0	04-034	033	I DUA	B301/G3		
ADU1	LP0	04-000	036	O DU1	B101/G3		
ADU1	LP1	04-006	036	O DU1	B102/F3		
ADU1	LP2	04-012	036	O DU1	B103/F3		
ADU1	LP3	04-018	036	O DU1	B104/F3		
ADU1	RLGI-R1	04-042	033	I DUA	B302/G3		
ASEL0	LP0	04-000	140	I SEL0	B101/G3		
ASEL0	LP1	04-006	140	I SEL0	B102/F3		
ASEL0	LP2	04-012	140	I SEL0	B103/F3		
ASEL0	LP3	04-018	140	I SEL0	B104/F3		
ASEL0	RLGI-R0	04-034	024	O SELA	B301/G3		
ASEL0	RLGI-R1	04-042	008	I LSELIN	B302/G3		
ASEL1	LP0	04-000	136	I SEL1	B101/G3		
ASEL1	LP1	04-006	136	I SEL1	B102/F3		
ASEL1	LP2	04-012	136	I SEL1	B103/F3		
ASEL1	LP3	04-018	136	I SEL1	B104/F3		
ASEL1	RLGI-R0	04-034	008	I LSELIN	B301/G3		
ASEL1	RLGI-R1	04-042	024	O SELA	B302/G3		
ASYN0	LP0	04-000	043	I SYNO	B101/G3		
ASYN0	LP1	04-006	043	I SYNO	B102/F3		
ASYN0	LP2	04-012	043	I SYNO	B103/F3		
ASYN0	LP3	04-018	043	I SYNO	B104/F3		
ASYN0	RLGI-R0	04-034	036	O SYNA	B301/G3		
ASYN1	LP0	04-000	039	I SYN1	B101/G3		
ASYN1	LP1	04-006	039	I SYN1	B102/F3		
ASYN1	LP2	04-012	039	I SYN1	B103/F3		
ASYN1	LP3	04-018	039	I SYN1	B104/F3		
ASYN1	RLGI-R1	04-042	036	O SYNA	B302/G3		
BCLK0	RLGI-R0	04-034	135	O CLKB	B301/G3		
BCLK0	LP4	04-056	042	I CLK0	B105/F3		
BCLK0	LP5	04-062	042	I CLK0	B106/F3		
BCLK0	LP6	04-068	042	I CLK0	B107/F3		
BCLK0	LP7	04-074	042	I CLK0	B108/F3		
BCLK1	RLGI-R1	04-042	135	O CLKB	B302/G3		
BCLK1	LP4	04-056	038	I CLK1	B105/F3		
BCLK1	LP5	04-062	038	I CLK1	B106/F3		
BCLK1	LP6	04-068	038	I CLK1	B107/F3		
BCLK1	LP7	04-074	038	I CLK1	B108/F3		
BDD0	RLGI-R0	04-034	134	O DDB	B301/G3		
BDD0	LP4	04-056	041	I DD0	B105/F3		
BDD0	LP5	04-062	041	I DD0	B106/F3		
BDD0	LP6	04-068	041	I DD0	B107/F3		
BDD0	LP7	04-074	041	I DD0	B108/F3		
BDD1	RLGI-R1	04-042	134	O DDB	B302/G3		
BDD1	LP4	04-056	037	I DD1	B105/F3		
BDD1	LP5	04-062	037	I DD1	B106/F3		
BDD1	LP6	04-068	037	I DD1	B107/F3		
BDD1	LP7	04-074	037	I DD1	B108/F3		
BDU0	RLGI-R0	04-034	133	I DUB	B301/G3		
BDU0	LP4	04-056	040	O DU0	B105/F3		
BDU0	LP5	04-062	040	O DU0	B106/F3		
BDU0	LP6	04-068	040	O DU0	B107/F3		
BDU0	LP7	04-074	040	O DU0	B108/F3		
BDU1	RLGI-R1	04-042	133	I DUB	B302/G3		
BDU1	LP4	04-056	036	O DU1	B105/F3		
BDU1	LP5	04-062	036	O DU1	B106/F3		
BDU1	LP6	04-068	036	O DU1	B107/F3		
BDU1	LP7	04-074	036	O DU1	B108/F3		
BSEL0	RLGI-R0	04-034	124	O SELB	B301/G3		
BSEL0	LP4	04-056	140	I SEL0	B105/F3		
BSEL0	LP5	04-062	140	I SEL0	B106/F3		
BSEL0	LP6	04-068	140	I SEL0	B107/F3		
BSEL0	LP7	04-074	140	I SEL0	B108/F3		
BSEL1	RLGI-R1	04-042	124	O SELB	B302/G3		
BSEL1	LP4	04-056	136	I SEL1	B105/F3		
BSEL1	LP5	04-062	136	I SEL1	B106/F3		
BSEL1	LP6	04-068	136	I SEL1	B107/F3		
BSEL1	LP7	04-074	136	I SEL1	B108/F3		
BSYN0	RLGI-R0	04-034	136	O SYNB	B301/G3		
BSYN0	LP4	04-056	043	I SYNO	B105/F3		
BSYN0	LP5	04-062	043	I SYNO	B106/F3		
BSYN0	LP6	04-068	043	I SYNO	B107/F3		
BSYN0	LP7	04-074	043	I SYNO	B108/F3		
BSYN1	RLGI-R1	04-042	136	O SYNB	B302/G3		

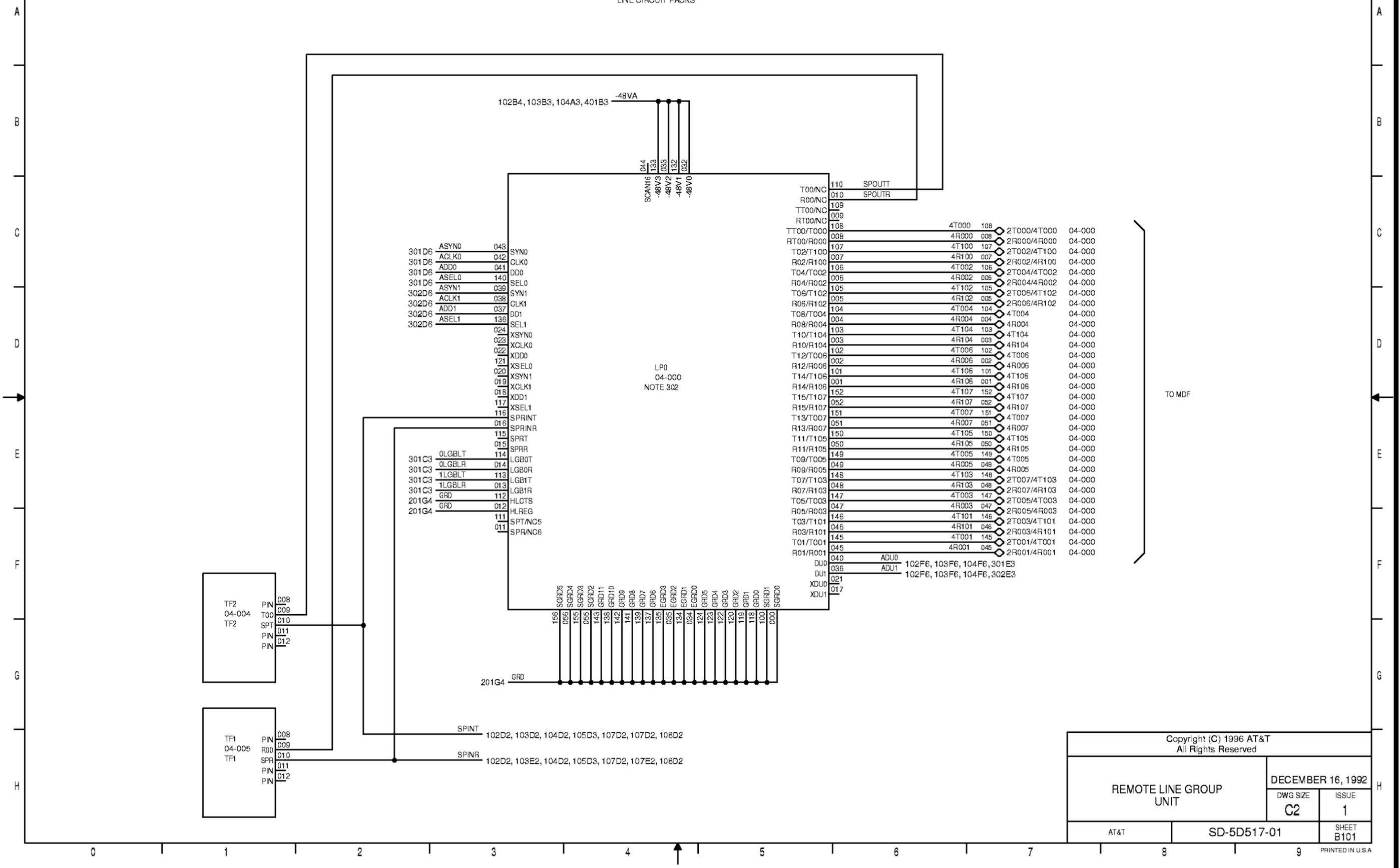
12 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT
BSYN1	LP4	04-056	039	I SYN1	B105/F3		
BSYN1	LP5	04-062	039	I SYN1	B106/F3		
BSYN1	LP6	04-068	039	I SYN1	B107/F3		
BSYN1	LP7	04-074	039	I SYN1	B108/F3		
FGRD	TF4	04-038	000	IO FGRD	B401/D5		
FGRD	TF3	04-039	000	IO FGRD	B401/E5		
GRD	03-004	03-004	030	G	B401/C2	*	
GRD	LUGGA	03-004-028	1	G GRD1	B401/C4		
GRD	LUGGA	03-004-028	2	G GRD2	B401/C4		
GRD	LUGGA	03-004-028	3	G GRD3	B401/C4		
GRD	LUGGA	03-004-028	4	G GRD4	B401/C4		
GRD	03-022	03-022	028	G	B401/D2	*	
GRD	LUGGB	03-022-028	1	G GRD1	B401/D4		
GRD	LUGGB	03-022-028	2	G GRD2	B401/D4		
GRD	LUGGB	03-022-028	3	G GRD3	B401/D4		
GRD	LUGGB	03-022-028	4	G GRD4	B401/D4		
GRD	03-039	03-039	030	G	B401/E2	*	
GRD	LUGGC	03-039-028	1	G GRD1	B401/F4		
GRD	LUGGC	03-039-028	2	G GRD2	B401/F4		
GRD	LUGGC	03-039-028	3	G GRD3	B401/F4		
GRD	LUGGC	03-039-028	4	G GRD4	B401/F4		
GRD	03-060	03-060	028	G	B401/G2	*	
GRD	LUGGD	03-060-028	1	G GRD1	B401/G4		
GRD	LUGGD	03-060-028	2	G GRD2	B401/G4		
GRD	LUGGD	03-060-028	3	G GRD3	B401/G4		
GRD	LUGGD	03-060-028	4	G GRD4	B401/G4		
GRD	LP0	04-000	000	G SGRD0	B101/G3		
GRD	LP0	04-000	012	I HLREG	B101/G3		
GRD	LP0	04-000	034	G BGRD0	B101/G3		
GRD	LP0	04-000	035	G BGRD2	B101/G3		
GRD	LP0	04-000	055	G SGRD2	B101/G3		
GRD	LP0	04-000	056	G SGRD4	B101/G3		
GRD	LP0	04-000	100	G SGRD1	B101/G3		
GRD	LP0	04-000	112	I HLCTS	B101/G3		
GRD	LP0	04-000	118	G GRD0	B101/G3		
GRD	LP0	04-000	119	G GRD1	B101/G3		
GRD	LP0	04-000	120	G GRD2	B101/G3		
GRD	LP0	04-000	122	G GRD3	B101/G3		
GRD	LP0	04-000	123	G GRD4	B101/G3		
GRD	LP0	04-000	124	G GRD5	B101/G3		
GRD	LP0	04-000	134	G BGRD1	B101/G3		
GRD	LP0	04-000	135	G BGRD3	B101/G3		
GRD	LP0	04-000	137	G GRD6	B101/G3		
GRD	LP0	04-000	138	G GRD10	B101/G3		
GRD	LP0	04-000	139	G SGRD3	B101/G3		
GRD	LP0	04-000	141	G GRD8	B101/G3		

16 LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT
SPOUTR	TF1	04-005	009	IO R00	B101/H1	
SPOUTT	LP0	04-000	110	IO T00/NC	B101/G3	
SPOUTT	TF2	04-004	009	IO T00	B101/G1	
TIP0	(E)HLSC0	04-026	345	IO ACCOTA	B201/H1	
TIP0	(E)HLSC0	04-026	350	IO TIP	B201/H1	
TIP1	(E)HLSC1	04-050	345	IO ACCOTA	B202/H1	
TIP1	(E)HLSC1	04-050	350	IO TIP	B202/H1	
XGRD	RLGI-R0	04-034	101	G FGRD	B301/G3	
XGRD	TF4	04-038	001	IO XGRD	B401/D5	
XGRD	TF4	04-038	002	IO XGRD	B401/D5	
XGRD	TF4	04-038	003	IO XGRD	B401/D5	
XGRD	TF3	04-039	001	IO XGRD	B401/E5	
XGRD	TF3	04-039	002	IO XGRD	B401/E5	
XGRD	TF3	04-039	003	IO XGRD	B401/E5	
XGRD	RLGI-R1	04-042	101	G FGRD	B302/G3	

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LINE CIRCUIT PACKS

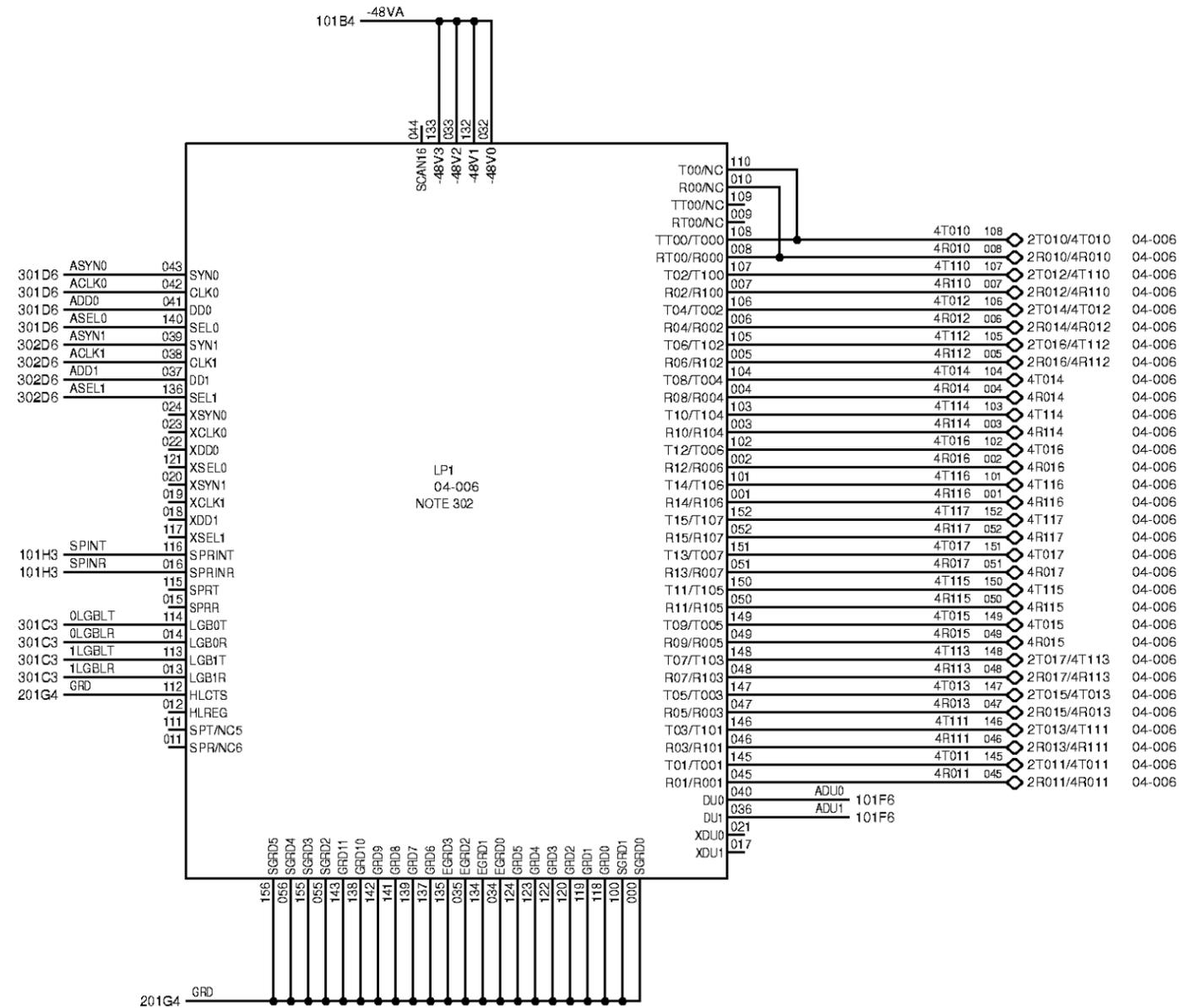


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		C2	1
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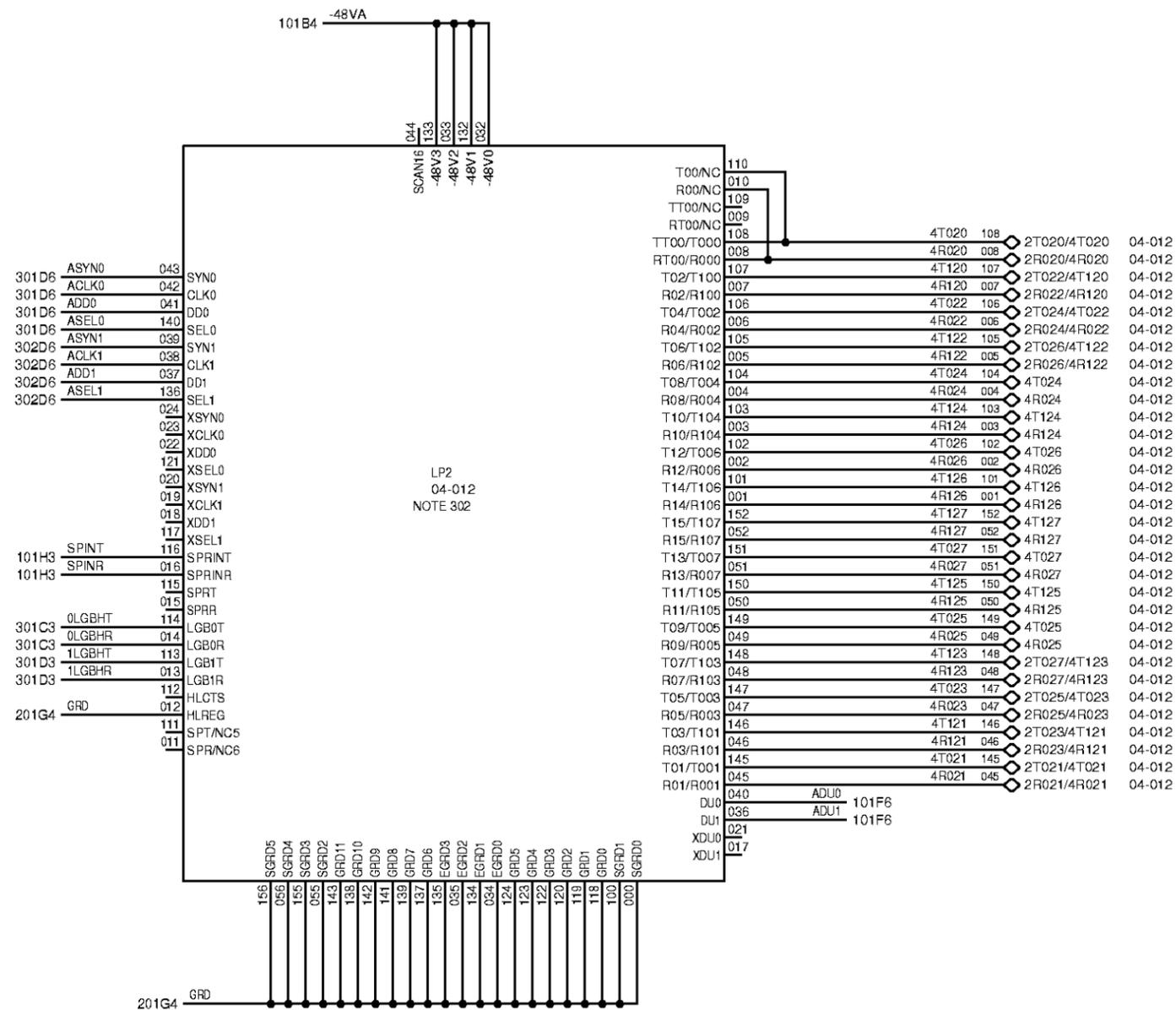
LINE CIRCUIT PACKS



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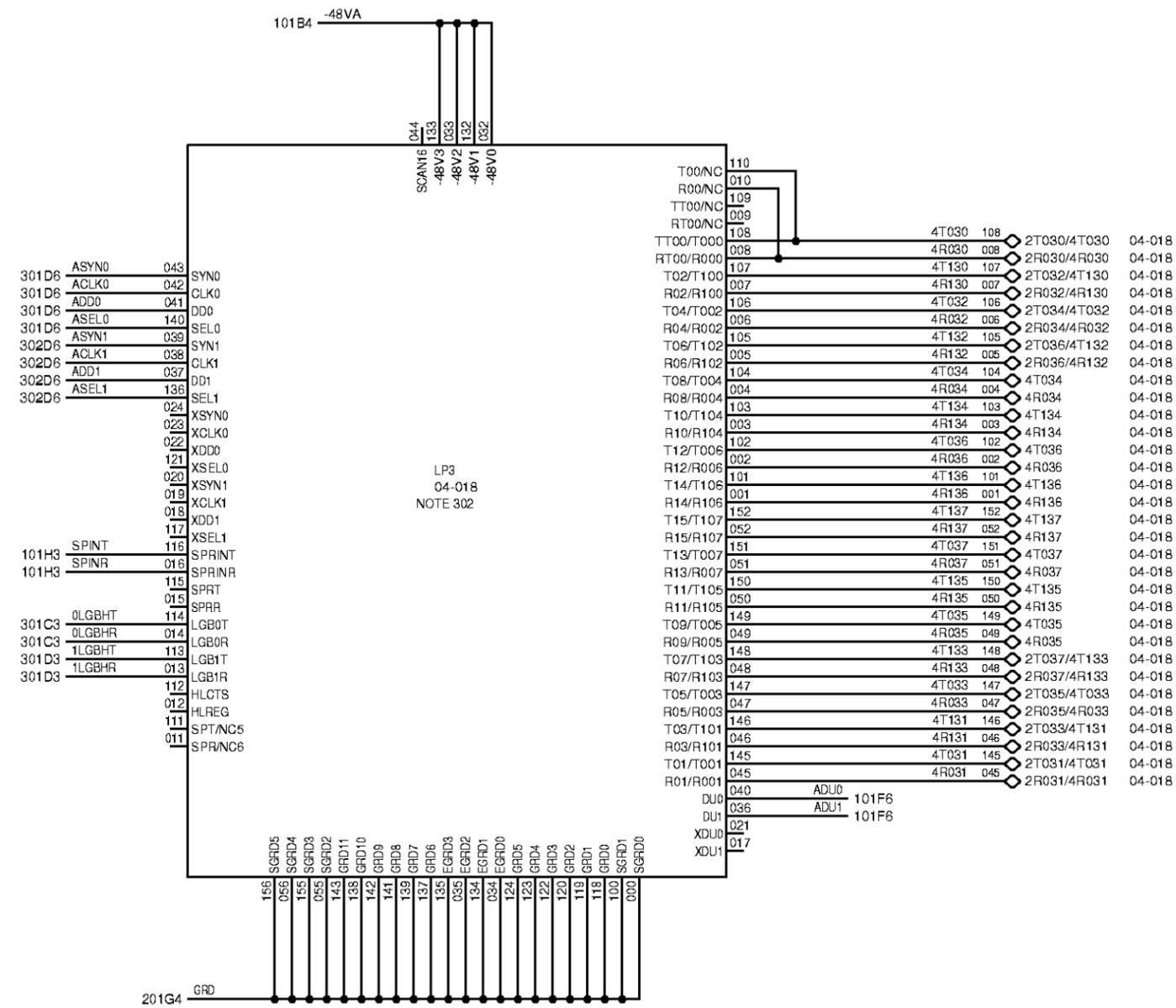
LINE CIRCUIT PACKS



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LINE CIRCUIT PACKS

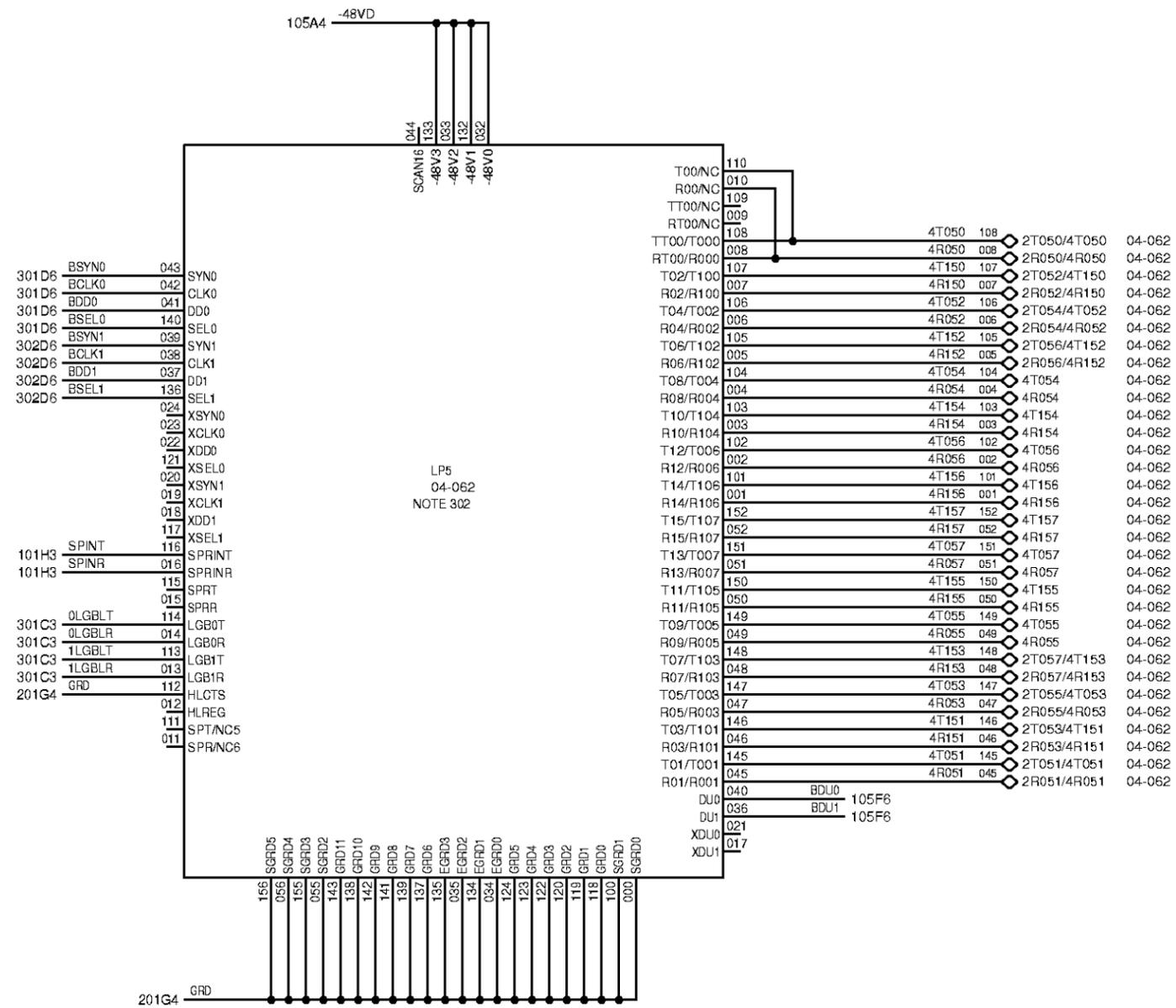


TO MDF

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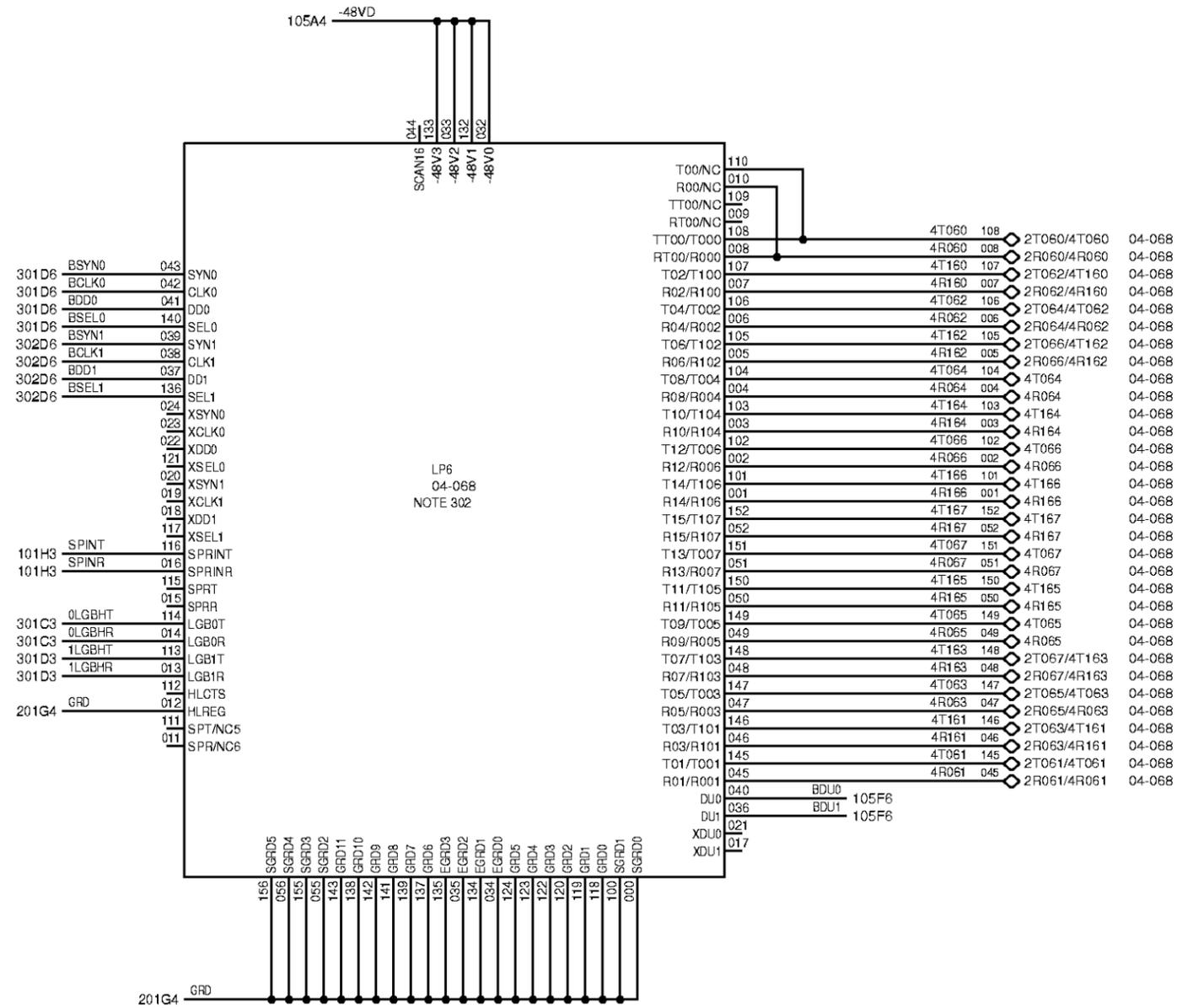


TO MDF

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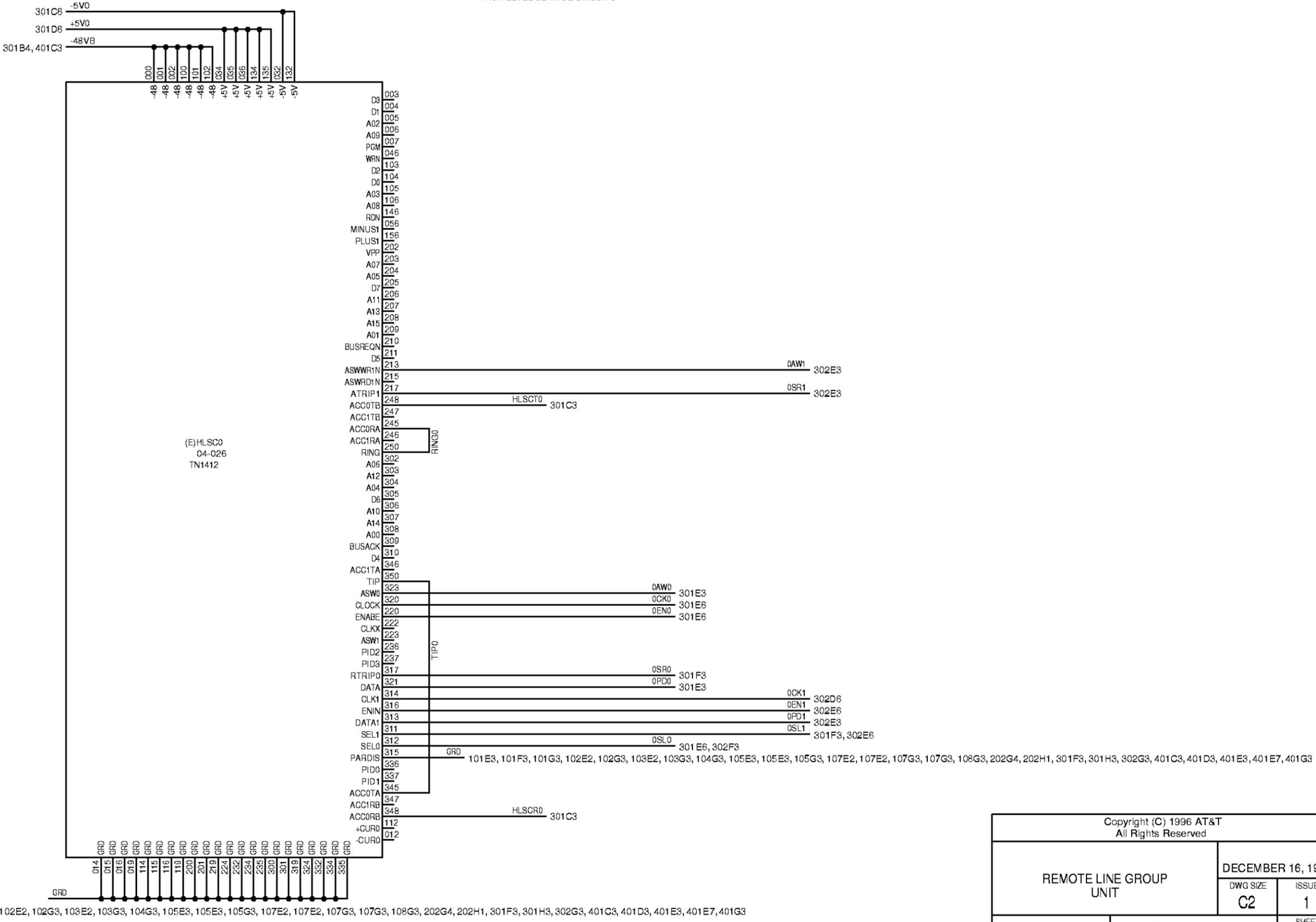
LINE CIRCUIT PACKS



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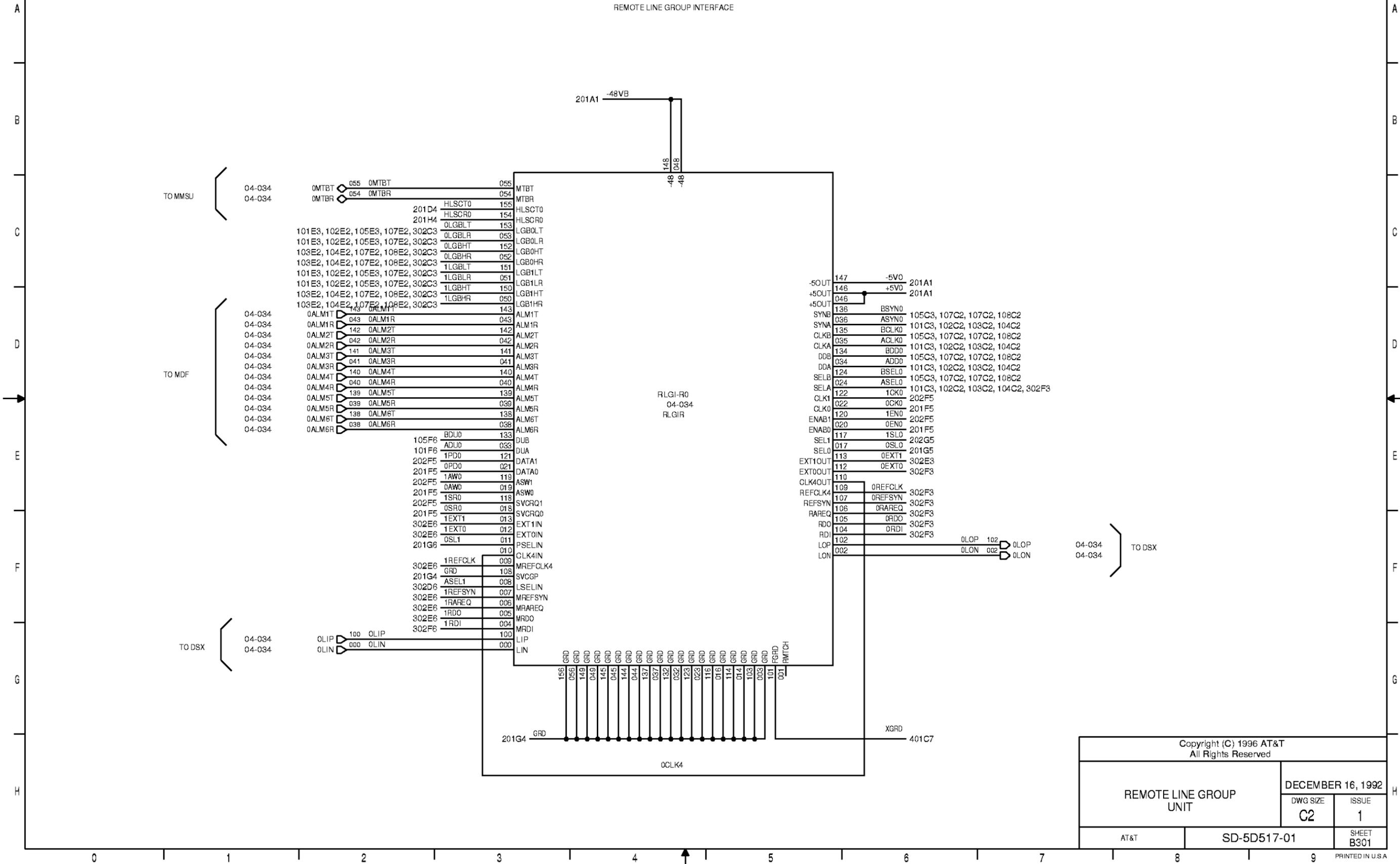
HIGH LEVEL SERVICE CIRCUITS



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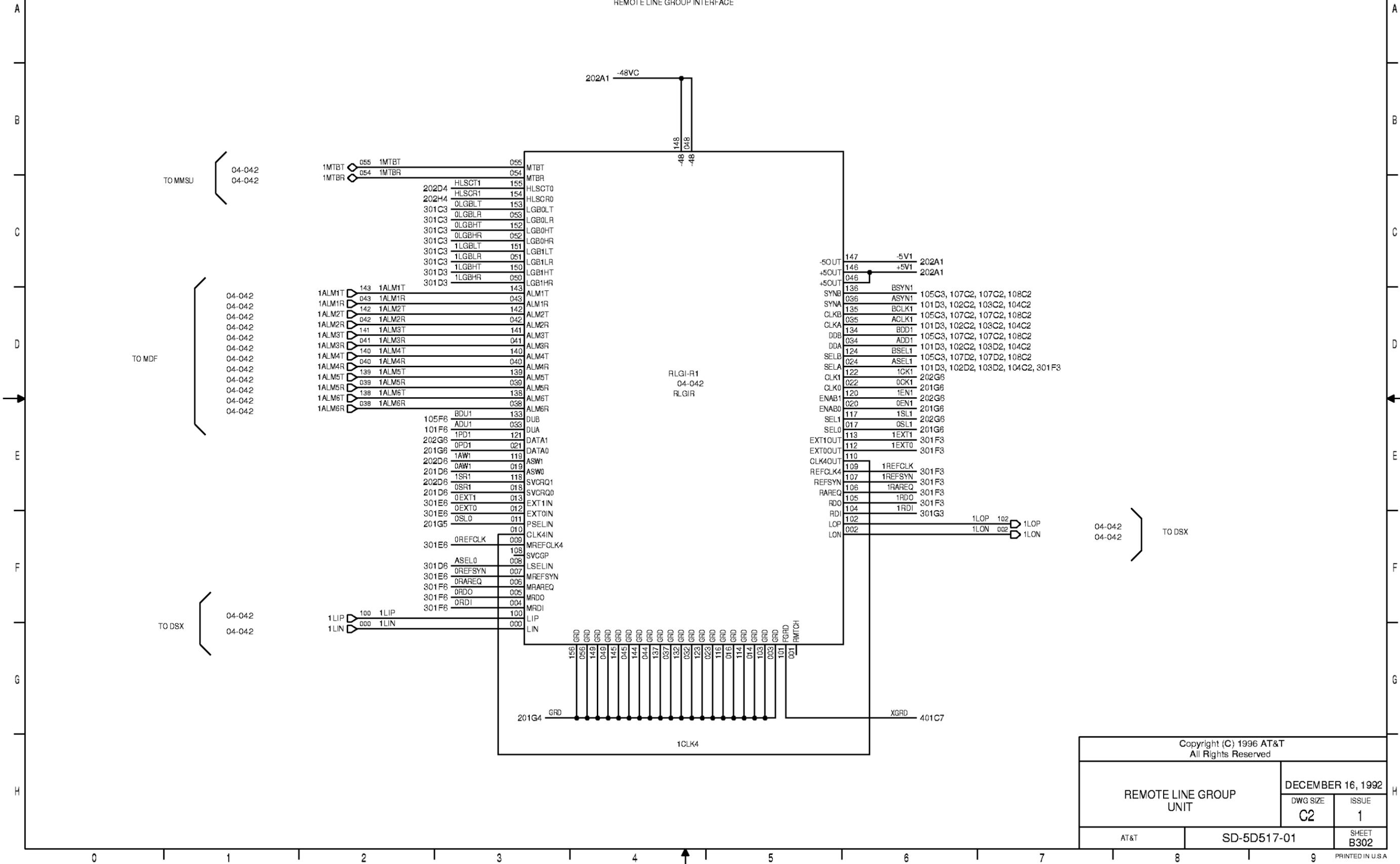
REMOTE LINE GROUP INTERFACE



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PART OF FS 3

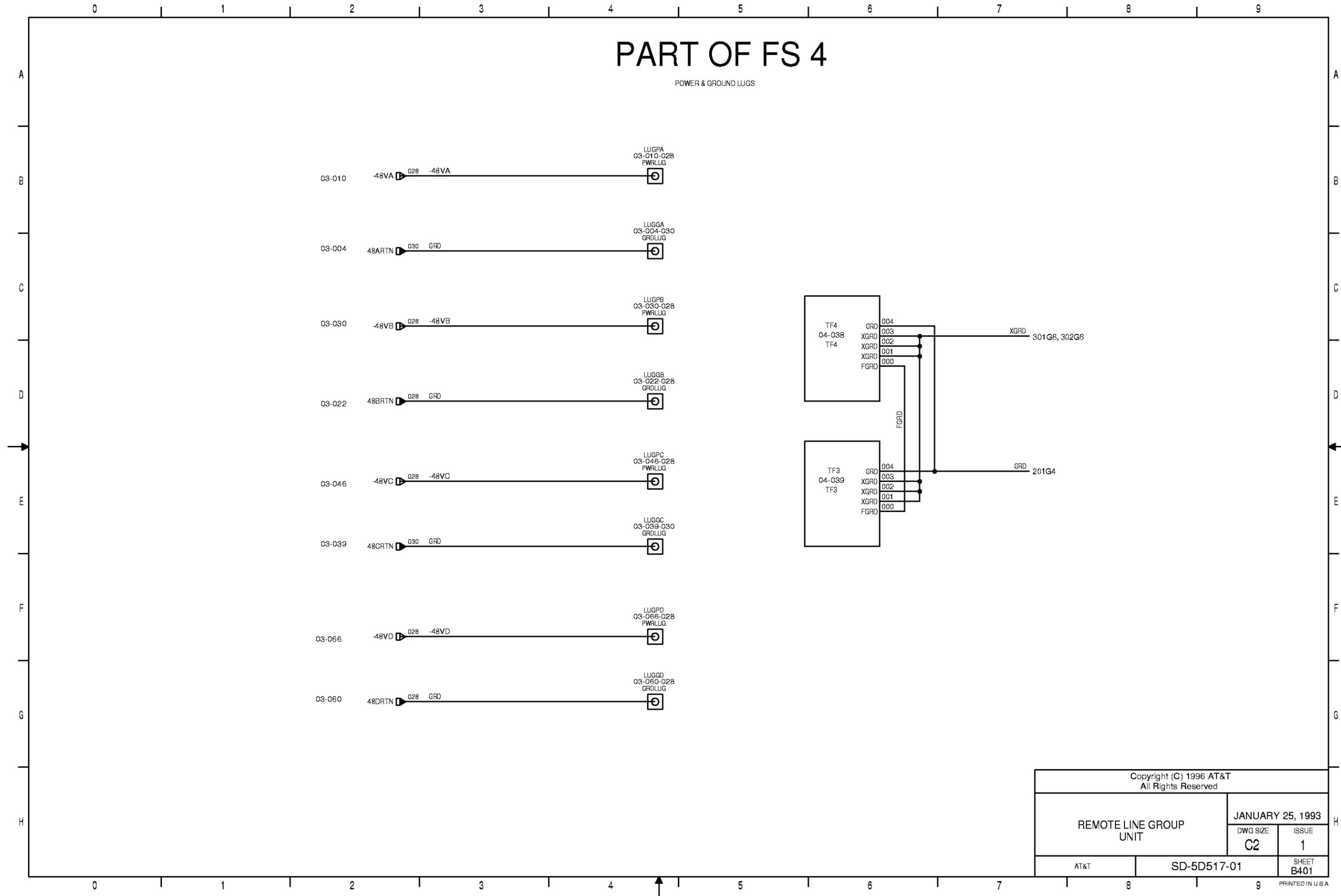
REMOTE LINE GROUP INTERFACE



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PART OF FS 4

POWER & GROUND LUGS



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APP. FIG. 1

BACKPLANE PER ED-5D759-30

APP. FIG. 2

(SEE NOTE 204)

CIRCUIT PACK				
OPTION	DESIG	EQPT LOC	FS LOC	CODE
1	CONN1	04-000	(SEE NOTE 204)	ED5D585-29,G38

APP. FIG. 3

(SEE NOTE 204)

CIRCUIT PACK				
OPTION	DESIG	EQPT LOC	FS LOC	CODE
3	CONN2	04-039	13D6	ED5D585-29,G38

APP. FIG. 4

(SEE NOTE 204)

CIRCUIT PACK				
OPTION	DESIG	EQPT LOC	FS LOC	CODE
4	CONN3	04-039	13D6	ED5D585-29,G38

APP. FIG. 5

CIRCUIT PACK				
OPTION	DESIG	EQPT LOC	FS LOC	CODE
LP0		04-000	1D4	NOTE 304
LP1		04-006	2D4	NOTE 304
LP2		04-012	3D4	NOTE 304
LP3		04-018	4D4	NOTE 304
LP4		04-056	5D4	NOTE 304
LP5		04-062	6D4	NOTE 304
LP6		04-068	7D4	NOTE 304
LP7		04-074	8D4	NOTE 304

APP. FIG. 6

CIRCUIT PACK				
OPTION	DESIG	EQPT LOC	FS LOC	CODE
(E)HLSCO		04-026	9D2	TN1412
(E)HLSC1		04-050	10D2	TN1412

APP. FIG. 7

CIRCUIT PACK				
OPTION	DESIG	EQPT LOC	FS LOC	CODE
RLGI-R0		04-034	11D4	MFR1
RLGI-R1		04-042	12D4	MFR1

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C1	

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CIRCUIT NOTE

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
	10A	-48V	
BATTERY SYMBOL		VOLTAGE RANGE	
-48V		-39.5V TO -56V	

FUSING

POWER TO THE REMOTE LINE GROUP - REMOTE UNIT WILL BE SUPPLIED THRU A J5D003FJ-1 COST REDUCED MODULAR FUSE & FILTER UNIT EQUIPPED WITH FOUR 10A FUSES FOR EACH RLG-REMOTE.

EQUIPMENT NOTES:

201. CIRCUIT PACK REMOVAL PROCEDURES

ALL CIRCUIT PACKS IN THE RLG-REMOTE UNIT CAN BE PULLED HOT.

THE (E)HLSC RECEIVES +/-5V FROM THE RLG-R BOARD NEXT TO IT, AND CONSEQUENTLY THE (E)HLSC WILL BE INOPERABLE IF ITS ADJACENT RLG-R BOARD IS UNPLUGGED.

202. THE BACKPLANE DESIGN USED IN THIS CIRCUIT IS ED-5D759-30. UNLESS OTHERWISE SPECIFIED ALL BACKPLANE WIRING IS PRINTED WIRING. UNLESS OTHERWISE SPECIFIED A TIP/RING CONNECTIONS ARE PAIRED.

203. SOME ACRONYMS USED IN THIS DRAWING:

ACRONYM	EXPANSION
(E)HLSC	(ENHANCED) HIGH LEVEL SERVICE CIRCUIT
ISLUZ	INTEGRATED SERVICES LINE UNIT 2
LGB	LINE GROUP BUS
LIDB	LINE INTERFACE DATA BUS
LP	LINE PACK
MTB	METALLIC TEST BUS
PCADB	PERIPHERAL CONTROL AND DATA BUS
RLGI-R	REMOTE LINE GROUP INTERFACE - REMOTE
RLG-R	REMOTE LINE GROUP - REMOTE
TF	TERMINAL FIELD

204. LINE CIRCUIT SPARING

THE RLG-REMOTE IS EQUIPPED WITH A SPARING CONNECTOR (ED-5D585-29, G37) ON THE BACKPLANE WIRING SIDE, LOCATED AT UNIT EQL-TERM 04-000-109. TO USE THE SPARING OPTION, THE CONNECTOR MUST BE REMOVED AND RE-INSTALLED AT SPARE TERMINAL POSITION 04-005-009 ON THE BACKPLANE.

CONNECTORS ARE LOCATED BY THEIR LOWER LEFT MOST TERMINAL AS VIEWED FROM THE WIRING SIDE.

THE FOLLOWING PARAGRAPHS PROVIDE ADDITIONAL INFORMATION DESCRIBING THE SPARING OPTION.

LINE CIRCUIT 0 WITHIN LINE PACK LP0 CAN BE USED AS A SPARE IF THE SPARING PLUG IS PLUGGED ONTO TERMINAL FIELDS TF1 & TF2. IN THIS SPARE POSITION, THE PLUG CONNECTS PINS 009 & 010 TOGETHER ON TF2 AND ALSO CONNECTS 009 & 010 TOGETHER ON TF1, TYING THE SPARE IN BUS LEADS SPIN(T,R) TO THE SPARE OUT BUS LEADS SPOUT(T,R).

THE NORMAL NON-SPARE POSITION OF THE SPARING PLUG IS ON THE LP0 BACKPLANE CONNECTOR, TYING LP0 PINS 110 & 109 TOGETHER FOR THE TIP LEAD AND ALSO TYING PINS 010 & 009 TOGETHER FOR THE RING LEAD.

THE REMAINING LINE PACKS LP1 THRU LP7 HAVE PINS 110 & 108 TIED TOGETHER AND 010 & 008 TIED TOGETHER WITHIN THE BACKPLANE TO CONNECT LINE CIRCUIT 0 OF EACH PACK DIRECTLY TO THE CONNECTORISED TIP/RING LEADS, AND THESE SEVEN LINE PACKS ARE UNAVAILABLE FOR SPARING.

EQUIPMENT NOTES (CONT.):

205. GROUNDING OPTIONS

THE RLG-REMOTE UNIT BACKPLANE HAS THREE GROUNDS:

[G] THE 48VIN BACKPLANE GROUND. GRD OF ALL CIRCUIT PACK POSITIONS CONNECT TO THIS GROUND, WHICH IS ALSO CONNECTED TO THE RETURN LUGS OF THE -48 VOLT POWER SUPPLY. THIS GROUND APPEARS ON PINS 004 OF TERMINAL FIELDS TF3 & TF4 AT EQLS 04-039 & 04-038 IN THE CENTER OF THE UNIT.

[KG] TRANSMISSION GROUND. THIS ISOLATED GROUND IS AVAILABLE FOR CONNECTION TO THE GROUND SHIELDS OF COAXIAL CABLES FROM THE DIGITAL CARRIER TRANSMISSION FACILITY AND IS CONNECTED TO PINS 101 (KGRD) OF THE RLG-R BOARDS ON BOTH SIDES OF THE CENTER OF THE UNIT AT EQLS 04-034 & 04-042. THIS GROUND APPEARS ON PINS 003, 002 & 001 OF TERMINAL FIELDS TF3 (04-039 & TF4 (04-038) IN THE CENTER OF THE UNIT.

[FG] FRAME GROUND. THIS ISOLATED GROUND CONNECTS TO THE CIRCUIT PACK HOUSING / CARD CAGE AND THE FRAME METAL THRU MOUNTING SCREWS ALONG THE LOWER EDGE AT THE CENTER OF THE BACKPLANE. THIS GROUND APPEARS ON PINS 000 OF TF3 (04-039) & TF4 (04-038).

TWO GROUNDING OPTIONS EXIST AT THE GROUND TERMINAL FIELDS TF3 & TF4. THESE ARE IMPLEMENTED USING THE SAME KIND OF 2X3 BERG CONNECTOR SHORTING PLUGS THAT ARE USED FOR LINE CIRCUIT SPARING AT LINE PACK LP0 AND ITS ASSOCIATED TERMINAL FIELDS TF1 & TF2.

COAX SHIELDS TO FRAME GROUND [KG/FG]

ONE OPTION IS TO STRAP THE TRANSMISSION GROUND [KG] TO THE FRAME GROUND [FG] BY USING AN OPTION PLUG TO SHORT PINS 001 & 000 TOGETHER ON TERMINAL FIELDS TF3 & TF4.

TRANSMISSION GROUND TO UNIT BACKPLANE GROUND [KG/G]

A SECOND OPTION IS THE ADDITION OF ANOTHER OPTION PLUG TO STRAP THE TRANSMISSION GROUND [KG] TO THE UNIT BACKPLANE GROUND [G] BY SHORTING PINS 003 & 004 TOGETHER ON TERMINAL FIELDS TF3 & TF4. THE ADDITION OF THIS SECOND OPTION CAN BE USED TO TIE IN THE BACKPLANE GROUND FOR IMPLEMENTING MESH GROUNDING. THIS [KG/G] OPTION SHOULD NOT BE USED ALONE, HOWEVER, TO AVOID INTRODUCING NOISE FROM THE TRANSMISSION FACILITY GROUND INTO THE RLG-REMOTE BACKPLANE.

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EQUIPMENT NOTES (CONT.):

206.

CABLING TO TRANSMISSION FACILITY EQUIPMENT
=====

TRANSMISSION FACILITY CABLES CAN BE CONNECTED TO THE BACKPLANE PINS FOR THE RLGI-R BOARDS AT LOCATIONS 04-034 AND 04-042 BY EITHER TWISTED PAIR OR COAXIAL CABLES.

TWISTED PAIR OPTION

CONNECTIONS FOR TWISTED PAIR ARE MADE ON PINS 100 & 000 FOR THE LINE IN F/N PAIR CARRYING SIGNALS FROM THE TRANSMISSION FACILITY AND ON PINS 102 & 002 FOR THE LINE OUT F/N PAIR CARRYING SIGNALS TO THE TRANSMISSION FACILITY.

COAXIAL CABLE OPTION

CONNECTIONS FOR COAXIAL CABLE ARE MADE USING A 2X3 PADDLEBOARD THAT FITS ON PINS 000, 100, 001, 101, 002 & 102.

THE CENTER CONDUCTORS OF THE COAX ARE CONNECTED TO PINS 100 (LINE IN F, CARRYING SIGNALS FROM THE TRANSMISSION FACILITY) AND 102 (LINE OUT F, CARRYING SIGNALS TO THE TRANSMISSION FACILITY). THE COAX SHIELDS ARE CONNECTED TO PINS 000 (LINE IN N) AND 002 (LINE OUT N).

PRINTED WIRING ON THE PADDLEBOARD TIES TOGETHER PINS 000, 001, 101 & 002 TO PROVIDE FOR TERMINATION RESISTANCE AND GROUNDING. PIN 001 (RESISTANCE MATCH) IS TIED TO GROUND TO SHUNT AN ADDITIONAL RESISTOR ON THE RLGI-R BOARD ACROSS THE LINE IN F/N PAIR TO PROVIDE THE LOWER INPUT IMPEDANCE NEEDED TO MATCH THE IMPEDANCE OF THE COAXIAL CABLE, WHICH IS LOWER THAN THAT OF TWISTED PAIR WHICH COULD ALSO BE CONNECTED TO THIS PAIR OF PINS. TRANSMISSION GROUND PIN 101 (XGRD) IS CONNECTED WITHIN THE BACKPLANE TO TERMINAL FIELDS THAT ARE AVAILABLE FOR GROUNDING OPTIONS.

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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
BACKPLANE	1	1 PER RLG
CONNECTOR USED FOR SPARING OPTION.	2	1 PER RLG
CONNECTOR USED TO GROUND COAX SHIELD AND/OR BACKPLANE TO FRAME GROUND. (MAX 2 PER UNIT) (SEE NOTE 204)	3,4	AS REQ.
LINE CARD CIRCUIT PACKS (SEE NOTE 304) (MAX 12 PER UNIT)	5	AS REQ.
ENHANCED HIGH LEVEL SERVICE CIRCUIT. (MAX 2 PER UNIT)	6	AS REQ.
REMOTE LINE GROUP-REMOTE CIRCUIT. (MAX 2 PER UNIT)	7	AS REQ.

INFORMATION NOTES (CONT.):

303.

RECORD OF FIGURES, WIRING AND APPARATUS CHANGES					
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT	
				AVAIL	DA

304. LINE CIRCUIT PACKS ARE CODED WITHIN THE 'MPAX' OR 'MPUX' FAMILY OF CIRCUIT PACKS. SPECIFIC CIRCUIT PACK CODES AND THEIR FEATURES ARE FOUND IN EQUIPMENT DRAWING J5D003AM.

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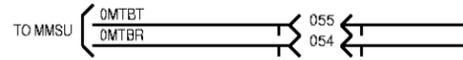
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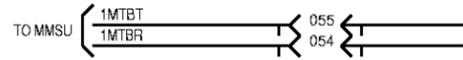
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		D3

CAD 1

MTB WIRING



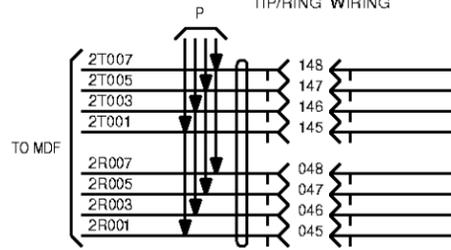
CONNECTOR 04-034



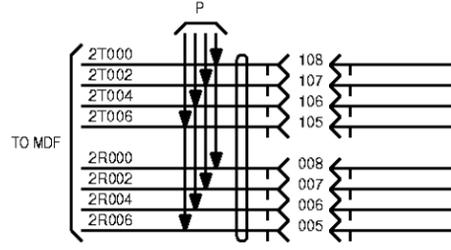
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CAD 2

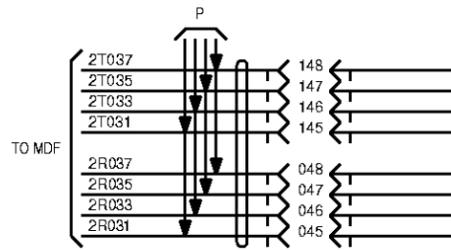
TIP/RING WIRING



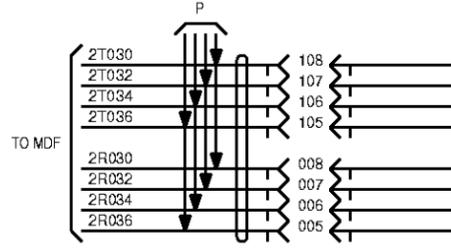
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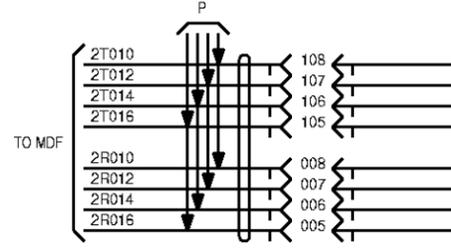
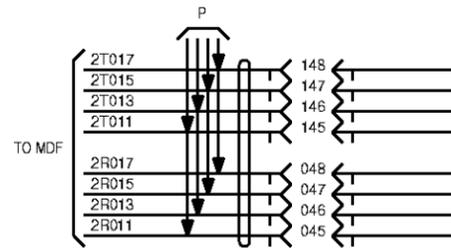
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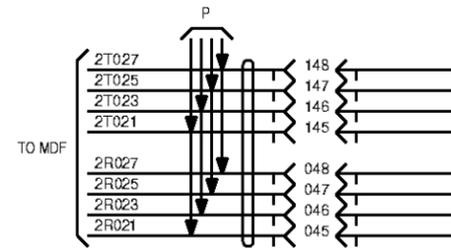
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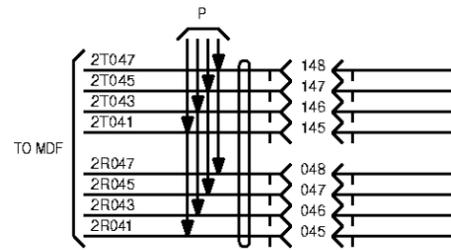
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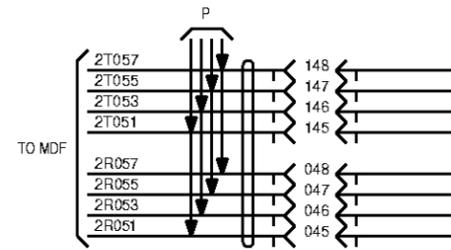
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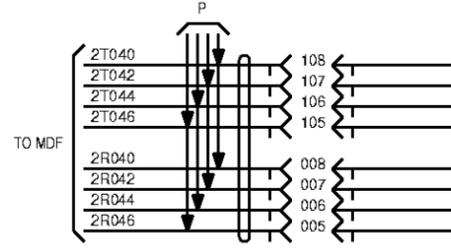
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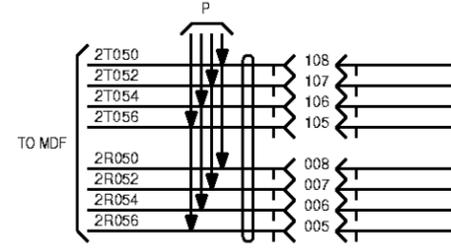
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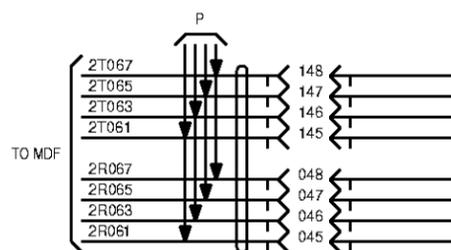
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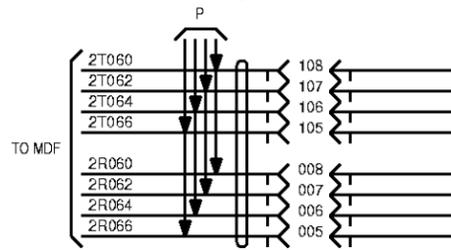
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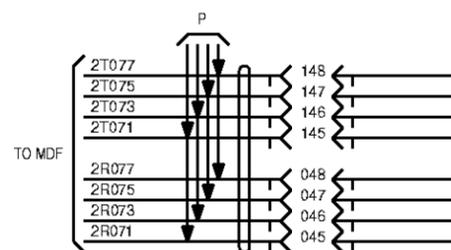
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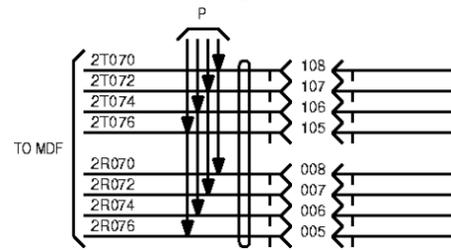
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CONNECTOR 04-074



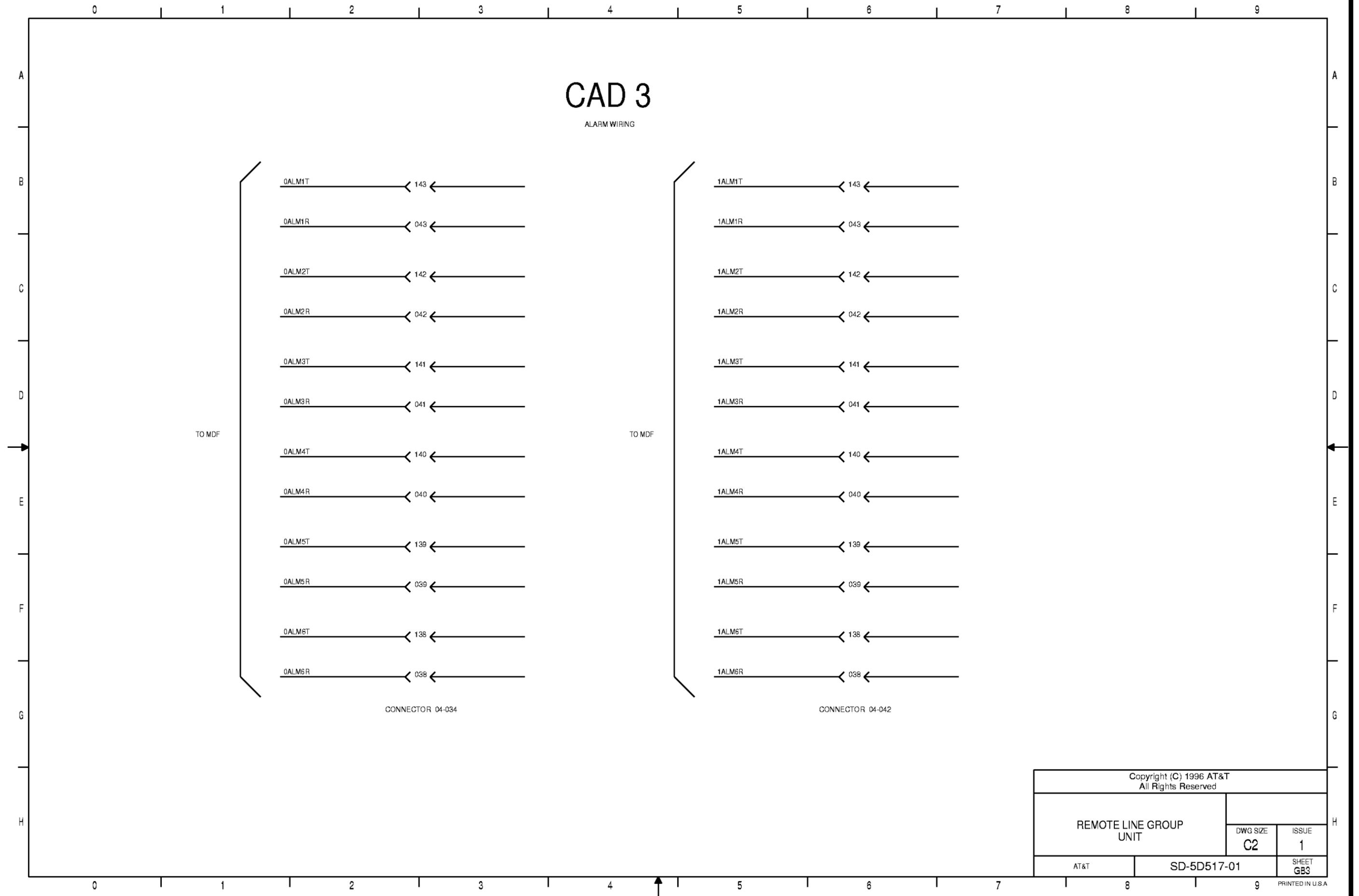
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CAD 3

ALARM WIRING



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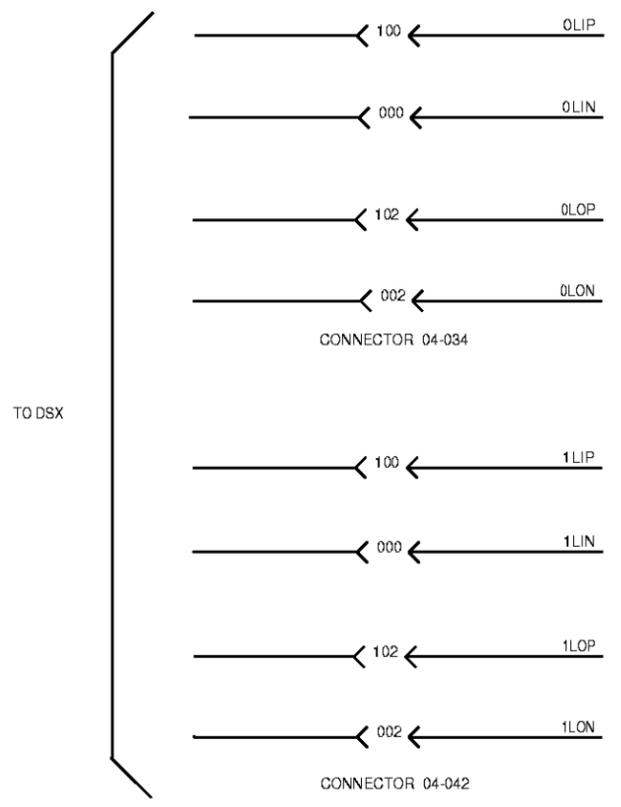
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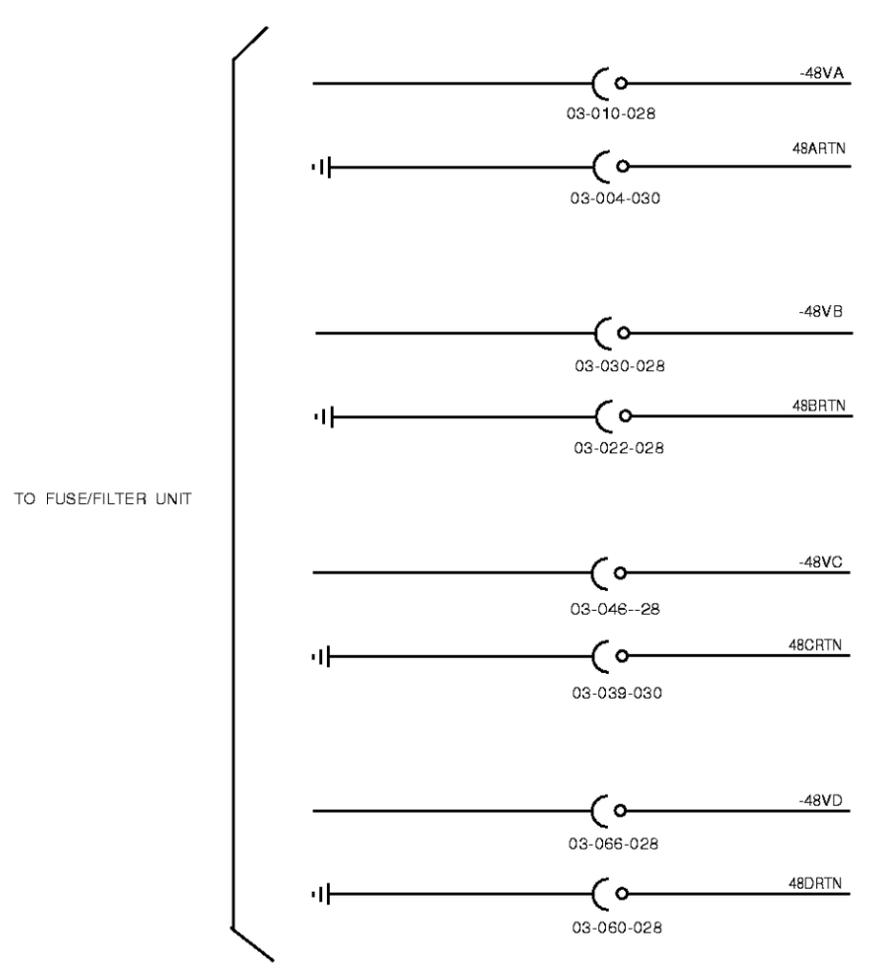
CAD 4

TRANSMISSION FACILITY WIRING



CAD 5

POWER & GROUND



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