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OPTION INDEX			
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Y	2B	308	
W	2B	309	
V	2B		APP FIG 2
T	2B		APP FIG 2
S	2B		
R	2B		
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DWG ISS	CD ISS	DATE ISSD	DRN	APP
1	1/97	04-19-91		
2B	2B/97	09-08-93		
3M	2B/97 IM	3-1-96		
4M	2B/97 2M	07-15-97		

SUPPORTING INFORMATION			
SYSTEM USED ON	DESIGN CONTROL	CATEGORY	NO.
5ESS	IH	EQUIPMENT DRAWING	SD5D140-01 SD5D144-01 J5D020AG

**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<sup>®</sup> SWITCHING EQUIPMENT  
TIME MULTIPLEXED  
SWITCH UNIT  
MODEL 3  
CIRCUIT**

DWG SIZE <b>C2</b>	ISSUE <b>4M</b>
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Lucent Technologies      SD-5D191-01      SHEET A1  
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APPARATUS INDEX

CODE	EQL	FS LOC	APP FIG	OPTION
SN516	04-008		2	V
SN516B	04-008		2	T
SN516C	04-008		2	J
410CA	04-024		3	
410AA	04-096		4	
410AA	04-104		5	
UN182	04-112		6	
TN883	04-088		7	S
TN888	04-032		8	R
TN888	04-040		8	R
TN888	04-048		8	R
TN888	04-056		8	R
TN888	04-064		8	R
TN888	04-072		8	R
TN888	04-080		8	R
TN888	04-088		8	R
982TT	04-032A		9	X
982TT	04-032B		9	X
982TT	04-040A		9	X
982TT	04-040B		9	X
982TT	04-048A		9	X
982TT	04-048B		9	X
982TT	04-056A		9	X
982TT	04-056B		9	X
982TT	04-064A		9	X
982TT	04-064B		9	X
982TT	04-072A		9	X
982TT	04-072B		9	X
982TT	04-080A		9	X
982TT	04-080B		9	X
982TT	04-088A		9	X
982TT	04-088B		9	X
982TH	04-032A		10	Y
982TH	04-032B		10	Y
982TH	04-040A		10	Y
982TH	04-040B		10	Y
982TH	04-048A		10	Y
982TH	04-048B		10	Y
982TH	04-056A		10	Y
982TH	04-056B		10	Y
982TH	04-064A		10	Y
982TH	04-064B		10	Y
982TH	04-072A		10	Y
982TH	04-072B		10	Y
982TH	04-080A		10	Y
982TH	04-080B		10	Y
982TH	04-088A		10	Y
982TH	04-088B		10	Y
1A	04-032A			Z
1A	04-032B			Z
1A	04-040A			Z
1A	04-040B			Z
1A	04-048A			Z
1A	04-048B			Z

APPARATUS INDEX

CODE	EQL	FS LOC	APP FIG	OPTION
1A	04-056A			Z
1A	04-056B			Z
1A	04-064A			Z
1A	04-064B			Z
1A	04-072A			Z
1A	04-072B			Z
1A	04-080A			Z
1A	04-080B			Z
1A	04-088A			Z
1A	04-088B			Z
KBN5	04-131		11	
TN1681	04-032		12	M
TN1681	04-040		12	M
TN1681	04-048		12	M
TN1681	04-056		12	M
TN1681	04-064		12	M
TN1681	04-072		12	M
TN1681	04-080		12	M
TN1681	04-088		12	M
TN1682	04-032		13	N
TN1682	04-040		13	N
TN1682	04-048		13	N
TN1682	04-056		13	N
TN1682	04-064		13	N
TN1682	04-072		13	N
TN1682	04-080		13	N
TN1682	04-088		13	N
BKFI	04-032A		14	K
BKFI	04-040A		14	K
BKFI	04-048A		14	K
BKFI	04-056A		14	K
BKFI	04-064A		14	K
BKFI	04-072A		14	K
BKFI	04-080A		14	K
BKFI	04-088A		14	K
982TTC	04-032A		15	W
982TTC	04-032B		15	W
982TTC	04-040A		15	W
982TTC	04-040B		15	W
982TTC	04-048A		15	W
982TTC	04-048B		15	W
982TTC	04-056A		15	W
982TTC	04-056B		15	W
982TTC	04-064A		15	W
982TTC	04-064B		15	W
982TTC	04-072A		15	W
982TTC	04-072B		15	W
982TTC	04-080A		15	W
982TTC	04-080B		15	W
982TTC	04-088A		15	W
982TTC	04-088B		15	W

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TIME MULTIPLEXED SWITCH UNIT MODEL 3	DWG SIZE	ISSUE
	C2	4M
Lucent Technologies	SD-5D191-01	SHEET A2

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# DESIGNATION MNEMONICS INDEX

DESIG	LOC	DEFINITION	DESIG	LOC	DEFINITION	DESIG	LOC	DEFINITION
+5	B13/D1	PLUS FIVE VOLT POWER PLANE	JQ[0:7]CKBT	B1/F2	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD'S 0-7 CLOCK B COMPLEMENT	M48D	B13/D7	MINUS 48 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
-2	B17/F6	MINUS TWO VOLT POWER PLANE	JQ[0:7]DAT0	B9/F3	FABRIC BOARD 0 TO QUAD LINK INTERFACE BOARD 0-7 DATA	M48E	B13/H4	MINUS 48 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
-48A	B12/A0	MINUS 48 VOLT POWER OR RETURN A FOR SN516, 410AA, 410CA, 410AA,410AA IN EQLS 008, 016, 024, 096, 104 RESPECTIVELY	JQ[0:7]DAT1	B9/F3	FABRIC BOARD 1 TO QUAD LINK INTERFACE BOARD 0-7 DATA	M48F	B13/H4	MINUS 48 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
			JQ[0:7]DAT2	B9/F3	FABRIC BOARD 2 TO QUAD LINK INTERFACE BOARD 0-7 DATA	M48G	B13/F4	MINUS 48 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
-48ARTN	B14/E2	MINUS 48 VOLT POWER OR RETURN A FOR SN516, 410AA, 410CA, 410AA,410AA IN EQLS 008, 016, 024, 096, 104 RESPECTIVELY	JQ[0:7]DAT3	B9/F3	FABRIC BOARD 3 TO QUAD LINK INTERFACE BOARD 0-7 DATA	M48H	B13/F4	MINUS 48 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
			JQ[0:7]LDC	B1/F2	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 0 LOAD COMPLEMENT	M48I	B13/D4	MINUS 48 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
-48B	B12/B4	-48 POWER OR RETURN FOR EQLS 008, 016, 024, 096, 104 RESPECTIVELY	JQ[0:7]LDT	B1/F2	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 0 LOAD TRUE	M48J	B13/D4	MINUS 48 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
-48C	B12/B4	-48 POWER OR RETURN FOR EQLS 008, 016, 024, 096, 104 RESPECTIVELY	JQ0T65C	B5/G9	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 0 TRANSMIT 65 MHZ CLOCK COMPLEMENT	M48K	B13/H1	MINUS 48 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
-48D	B12/B4	-48 POWER OR RETURN FOR EQLS 008, 016, 024, 096, 104 RESPECTIVELY	JQ0T65T	B5/G9	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 0 TRANSMIT 65 MHZ CLOCK TRUE	M48L	B13/H1	MINUS 48 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
-48E	B12/B4	-48 POWER OR RETURN FOR EQLS 008, 016, 024, 096, 104 RESPECTIVELY	JQ0T65T	B5/G9	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 0 TRANSMIT 65 MHZ CLOCK TRUE	M48M	B13/F1	MINUS 48 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
-48LI	B13/A0	-48 POWER FOR 1A TRANSCEIVERS	JQ[0:7]TSP	B1/F2	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 0-7 TIMESLOT PARITY	M48N	B13/F1	MINUS 48 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
-48RA	B12/A0	-48 RETURN FOR EQLS 008, 016, 024, 096, 104 RESPECTIVELY	JQ[0:7]TSP	B1/F2	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 0-7 TIMESLOT PARITY	M48O	B13/D1	MINUS 48 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
					CRFABRIC BOARD TO QUAD LINK			
-48RB	B12/B4	-48 RETURN FOR EQLS 008, 016, 024, 096, 104 RESPECTIVELY	JQ[0:7]TSYC	B5/G9	INTERFACE BOARD 0-7 TRANSMIT SYNC PULSE COMPLEMENT	M48P	B13/D1	MINUS 48 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
-48RC	B12/B4	-48 RETURN FOR EQLS 008, 016, 024, 096, 104 RESPECTIVELY	JQ[0:7]TSYT	B5/G9	INTERFACE BOARD 0-7 TRANSMIT SYNC PULSE TRUE	M5AA	B13/F1	MINUS 5 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
-48RD	B12/B4	-48 RETURN FOR EQLS 008, 016, 024, 096, 104 RESPECTIVELY	JQ1T65C	B5/G8	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 1 TRANSMIT 65 MHZ CLOCK COMPLEMENT	M5AB	B13/F1	MINUS 5 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
-48RE	B12/B5	-48 RETURN FOR EQLS 008, 016, 024, 096, 104 RESPECTIVELY	JQ1T65T	B5/G8	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 1 TRANSMIT 65 MHZ CLOCK TRUE	M5AC	B13/D1	MINUS 5 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
					CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 1 TRANSMIT 65 MHZ CLOCK TRUE	M5AD	B13/D1	MINUS 5 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
-5A	B18/D1	MINUS FIVE VOLT POWER PLANE	JQ2T65C	B5/G6	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 2 TRANSMIT 65 MHZ CLOCK COMPLEMENT	M5AE	B13/D1	MINUS 5 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
-5B	B13/A1	MINUS FIVE VOLT POWER PLANE	JQ2T65T	B5/G6	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 2 TRANSMIT 65 MHZ CLOCK TRUE	M5AF	B13/D1	MINUS 5 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
ALM0	B12/A2	ONE RAIL OF THE POWER ALARM CIRCUIT TO ALL POWER CONVERTERS	JQ2T65T	B5/G6	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 2 TRANSMIT 65 MHZ CLOCK TRUE	M5G	B13/D4	MINUS 5 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
BRD1PAR	B3/C4	FABRIC CONTROL BOARD PARITY 1	JQ3T65C	B5/H5	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 3 TRANSMIT 65 MHZ CLOCK COMPLEMENT	M5H	B13/D4	MINUS 5 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
BRDOPAR	B3/C2	FABRIC CONTROL BOARD PARITY 0	JQ3T65T	B5/H5	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 3 TRANSMIT 65 MHZ CLOCK TRUE	M5I	B13/H1	MINUS 5 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
CARD0	B12/H3	ONE RAIL OF THE POWER ALARM CIRCUIT TO ALL POWER CONVERTERS	JQ4T65C	B5/H3	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 4 TRANSMIT 65 MHZ CLOCK COMPLEMENT	M5J	B13/H1	MINUS 5 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
DGN3B	B14/F2	DIAGNOSTIC LEAD TO CMCU	JQ4T65T	B5/H3	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 4 TRANSMIT 65 MHZ CLOCK TRUE	M5K	B13/H1	MINUS 5 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
DGNFANS	B14/E2	DIAGNOSE FAN LEAD	JQ5T65C	B5/H2	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 5 TRANSMIT 65 MHZ CLOCK COMPLEMENT	M5L	B13/F1	MINUS 5 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
			JQ5T65T	B5/H2	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 5 TRANSMIT 65 MHZ CLOCK TRUE	M5M	B13/H1	MINUS 5 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI
EJ[0:31]DATA	B9/D1	E-BUS TO CRFABRIC BOARD DATA 0-31	JQ6T65C	B5/H1	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 6 TRANSMIT 65 MHZ CLOCK COMPLEMENT	M5N	B13/D1	MINUS CURRENT PROGRAMMING MINUS 2 VOLTS
EJ[0:31]DATC	B9/D1	E-BUS TO CRFABRIC BOARD DATA 0-31	JQ6T65T	B5/H1	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 6 TRANSMIT 65 MHZ CLOCK TRUE	M5O	B13/D1	MINUS CURRENT PROGRAMMING MINUS 5 VOLTS GROUP A
EJX65C	B5/B4	E-BUS TO CRFABRIC BOARD X-MIT 65 MHZ COMPLEMENT	JQ7T65C	B5/H0	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 7 TRANSMIT 65 MHZ CLOCK COMPLEMENT	M5P	B12/G9	MINUS CORRENT PROGRAMMING MINUS 5 VOLTS GROUP B
EJX65CO	B5/B0	E-BUS TO FABRIC CONTROL BOARD 0 X-MIT 65 MHZ COMPLEMENT	JQ7T65T	B5/H0	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 7 TRANSMIT 65 MHZ CLOCK TRUE	M5Q	B12/G9	MINUS CORRENT PROGRAMMING MINUS 5 VOLTS GROUP B
EJX65C1	B5/B2	E-BUS TO FABRIC CONTROL BOARD 1 X-MIT 65 MHZ COMPLEMENT	JQ8T65C	B5/H1	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 8 TRANSMIT 65 MHZ CLOCK COMPLEMENT	M5R	B13/D1	MINUS CURRENT PROGRAMMING PLUS 5 VOLTS
EJX65C2	B5/B7	E-BUS TO FABRIC CONTROL BOARD 2 X-MIT 65 MHZ COMPLEMENT	JQ8T65T	B5/H1	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 8 TRANSMIT 65 MHZ CLOCK TRUE	M5S	B3/G5	LINK BOARD TO MESSAGE INTERFACE 32 MHZ CLOCK (COMPLEMENT)
EJX65C3	B5/B8	E-BUS TO FABRIC CONTROL BOARD 3 X-MIT 65 MHZ COMPLEMENT	JQ9T65C	B5/H0	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 9 TRANSMIT 65 MHZ CLOCK COMPLEMENT	M5T	B3/G6	MESSAGE INTERFACE TO LINK BOARD 32 MHZ CLOCK (COMPLEMENT)
EJX65T	B5/B5	E-BUS TO CRFABRIC BOARD X-MIT 65 MHZ TRUE	JQ9T65T	B5/H0	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 9 TRANSMIT 65 MHZ CLOCK TRUE	M5U	B3/B6	MESSAGE INTERFACE TO LINK BOARD 32 MHZ CLOCK (TRUE)
EJX65T0	B5/B0	E-BUS TO FABRIC CONTROL BOARD 0 X-MIT 65 MHZ TRUE	JQ0T65C	B5/H1	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 0 TRANSMIT 65 MHZ CLOCK COMPLEMENT	M5V	B3/B5	LINK BOARD TO MESSAGE INTERFACE 32 MHZ CLOCK (TRUE)
EJX65T1	B5/B2	E-BUS TO FABRIC CONTROL BOARD 1 X-MIT 65 MHZ TRUE	JQ0T65T	B5/H1	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 0 TRANSMIT 65 MHZ CLOCK TRUE	M5W	B3/G6	MESSAGE INTERFACE 8 KHZ (COMPLEMENT)
EJX65T2	B5/B7	E-BUS TO FABRIC CONTROL BOARD 2 X-MIT 65 MHZ TRUE	JQ1T65C	B5/H0	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 1 TRANSMIT 65 MHZ CLOCK COMPLEMENT	M5X	B3/B6	MESSAGE INTERFACE 8 KHZ (TRUE)
EJX65T3	B5/B9	E-BUS TO FABRIC CONTROL BOARD 3 X-MIT 65 MHZ TRUE	JQ1T65T	B5/H0	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD 1 TRANSMIT 65 MHZ CLOCK TRUE	M5Y	B3/G6	MESSAGE INTERFACE DATA (COMPLEMENT)
EJXSYNC	B5/B5	E-BUS TO CRFABRIC BOARD X-MIT 65 MHZ COMPLEMENT	JSSCDAT[0:1]	B1/D2	E-BUS TO SHELF UTILITY BOARD SERIAL CONTROL DATA	M5Z	B3/B6	MESSAGE INTERFACE DATA (TRUE)
EJXSYNC[0:3]	B5/B0	E-BUS TO FABRIC CONTROL BOARD 0-3 XMIT SYNC PULSE COMPLEMENT	JSSERR[0:1]	B1/D2	FABRIC CONTROL BOARD 0-1 TO SUB SUMMARY ERROR	MCPM2	B12/B5	OUT OF SERVICE 0
EJXSYNT	B5/B5	E-BUS TO CRFABRIC BOARD X-MIT 65 MHZ TRUE	M[2:5:3]A	B13/F7	MINUS 2 VOLTS TO 1A INTERLOCKED FROM QLI OR FLI	MCPM5A	B12/D0	OUT OF SERVICE 1
EJXSYNT[0:3]	B5/B0	E-BUS TO FABRIC CONTROL BOARD 0-3 XMIT SYNC PULSE TRUE	M[2:5:3]B	B13/D7	MINUS 2 VOLTS TO 1A INTERLOCKED FROM QLI OR FLI	MCPM5B	B12/E0	OUT OF SERVICE 2, 3, & 4
			M[2:5:3]C	B13/D7	MINUS 2 VOLTS TO 1A INTERLOCKED FROM QLI OR FLI	MCPP5	B14/B3	TMS OUT OF SERVICE TO 3B
ESR65C	B4/A0	E-BUS TO SHELF UTILITY BOARD RECEIVE 65 MHZ COMPLEMENT	M[2:5:3]D	B13/H4	MINUS 2 VOLTS TO 1A INTERLOCKED FROM QLI OR FLI	MI32C	B12/H3	OUT OF SERVICE 5
ESR65T	B4/A0	E-BUS TO SHELF UTILITY BOARD RECEIVE 65 MHZ TRUE	M[2:5:3]E	B13/H4	MINUS 2 VOLTS TO 1A INTERLOCKED FROM QLI OR FLI	MI32OUTC	B14/B2	TMS OUT OF SERVICE TO RETURN HALF OF THAT TWISTED PAIR
ESRSYNCC	B4/A0	E-BUS TO SHELF UTILITY BOARD RECEIVE SYNC PULSE COMPLEMENT	M[2:5:3]F	B13/F4	MINUS 2 VOLTS TO 1A INTERLOCKED FROM QLI OR FLI	MI32OUTT	B12/B5	POSITIVE CURRENT PROGRAMMING MINUS 2 VOLTS
ESRSYNCT	B4/A0	E-BUS TO SHELF UTILITY BOARD RECEIVE SYNC PULSE TRUE	M[2:5:3]G	B13/F4	MINUS 2 VOLTS TO 1A INTERLOCKED FROM QLI OR FLI	MI32T	B12/B5	POSITIVE CURRENT PROGRAMMING MINUS 5 VOLTS GROUP A
ESSCADD	B1/B0	E-BUS TO SHELF UTILITY BOARD SERIAL CONTROL ADDRESS	M[2:5:3]H	B13/F4	MINUS 2 VOLTS TO 1A INTERLOCKED FROM QLI OR FLI	MI8KC		
ESSCADDT	B1/B0	E-BUS TO SHELF UTILITY BOARD SERIAL CONTROL ADDRESS	M[2:5:3]I	B13/D4	MINUS 2 VOLTS TO 1A INTERLOCKED FROM QLI OR FLI	MI8KT		
ESSCDATC	B1/B0	E-BUS TO SHELF UTILITY BOARD SERIAL CONTROL DATA COMPLEMENT	M[2:5:3]J	B13/D4	MINUS 2 VOLTS TO 1A INTERLOCKED FROM QLI OR FLI	MIDATC		
ESSCDATT	B1/B0	E-BUS TO SHELF UTILITY BOARD SERIAL CONTROL DATA TRUE	M[2:5:3]K	B13/H1	MINUS 2 VOLTS TO 1A INTERLOCKED FROM QLI OR FLI	MIDATT		
FNFALM	B12/A1	FAN FUSE ALARM	M[2:5:3]L	B13/H1	MINUS 2 VOLTS TO 1A INTERLOCKED FROM QLI OR FLI	MIDAT7		
FNFTTEST	B12/A2	FAN FUSE TEST	M[2:5:3]M	B13/F1	MINUS 2 VOLTS TO 1A INTERLOCKED FROM QLI OR FLI	OOS0		
FTEST	B12/A2	FUSE TEST	M[2:5:3]N	B13/F1	MINUS 2 VOLTS TO 1A INTERLOCKED FROM QLI OR FLI	OOS1		
GRD	B3/C4	BACKPLANE GROUND	M[2:5:3]O	B13/D1	MINUS 2 VOLTS TO 1A INTERLOCKED FROM QLI OR FLI	OOS[2:4]		
INT[0:3]	B12/D0	POWER ONVERTER INTERLOCK 0,1,2,3	M[2:5:3]P	B13/D1	MINUS 2 VOLTS TO 1A INTERLOCKED FROM QLI OR FLI	OOS3B		
INT4	B12/H3	POWER CONVERTER INTERLOCK 4	M48A	B13/F7	MINUS 48 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI	OOS5		
JQ[0:7]CKAC	B1/F2	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD'S 0-7 CLOCK A COMPLEMENT	M48B	B13/F7	MINUS 48 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI	PCPM2		
JQ[0:7]CKAT	B1/F2	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD'S 0-7 CLOCK A TRUE	M48C	B13/D7	MINUS 48 VOLTS TO 1A INTERLOCKED THROUGH QLI OR FLI	PCPM5A		
JQ[0:7]CKBC	B1/F2	CRFABRIC BOARD TO QUAD LINK INTERFACE BOARD'S 0-7 CLOCK B COMPLEMENT						

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TIME MULTIPLEXED SWITCH UNIT MODEL 3		DWG SIZE
		C2
Lucent Technologies		ISSUE
		4M
SD-5D191-01		SHEET
		A3

# DESIGNATION MNEMONICS INDEX

DESIG	LOC	DEFINITION	DESIG	LOC	DEFINITION
PCPM5B	B12/F9	POSITIVE CURRENT PROGRAMING MINUS 5 VOLTS GROUP B	SCY3B	B14/F6	SCAN POINT Y TO 3B
PCPP5	B13/D1	POSITIVE CURRENT PROGRAMING PLUS 5 VOLTS	SCYJO	B14/B6	SCAN Y LINK BETWEEN TERMINAL FIELDS TO INCOMING & OUTGOING CABLES
Q0L0CLKN	B11/G5	QUAD LINK INTERFACE 8 MHZ CLOCK 0, BOARD 0 (COMPLEMENT)	SCYR	B14/B7	SCAN POINT R TO RETURN HALF OF THAT TWISTED PAIR
Q0L0CLKP	B11/F5	QUAD LINK INTERFACE 8 MHZ CLOCK 0, BOARD 0 (TRUE)	SCZ3B0	B14/B7	SCAN Z TO 3BIOP 0
Q0L0DIN	B11/G5	QUAD LINK INTERFACE DATA 0 IN BOARD 0	SCZ3B1	B14/B7	SCAN Z TO 3BIOP 1
Q0L1CLKN	B8/G5	QUAD LINK INTERFACE 8 MHZ CLOCK 1, BOARD 0 (COMPLEMENT)	SCZR[0:1]	B14/B6	SCAN Z TO (0 OR 1) RETURN HALF
Q0L1CLKP	B8/G5	QUAD LINK INTERFACE 8 MHZ CLOCK 1, BOARD 0 (TRUE)	SEDAT[0:15]C	B6/E9	SHELF UTILITY BOARD TO E-BUS DATA LEADS 0 THROUGH 15 COMPLEMENT
Q0L1DIN	B8/G5	QUAD LINK INTERFACE DATA 1 IN BOARD 0	SEDAT[0:15]T	B6/E9	SHELF UTILITY BOARD TO E-BUS DATA LEADS 0 THROUGH 15 TRUE
Q[0:7]L1DIP	B8/F5	QUAD LINK INTERFACE BOARD 0-7 DATA 1 IN (TRUE)	SJR32C	B4/E1	SHELF UTILITY BOARD TO CRFABRIC BOARD RECEIVE 32 MHZ CLOCK COMPLEMENT
Q[0:7]L1DON	B8/G5	QUAD LINK INTERFACE BOARD 0-7 DATA 1 OUT (COMPLEMENT)	SJR32T	B4/E1	SHELF UTILITY BOARD TO CRFABRIC BOARD RECEIVE 32 MHZ CLOCK TRUE
Q[0:7]L1SNCD1	B8/G5	QUAD LINK INTERFACE DATA 1 SYNC (COMPLEMENT)	SJSCADD	B1/D2	SHELF UTILITY BOARD TO CRFABRIC BOARD SERIAL CONTROL DATA
Q[0:7]L1SNCP	B8/F5	QUAD LINK INTERFACE DATA 1 SYNC (TRUE)	SJSCDAT	B1/D2	SHELF UTILITY BOARD TO GRFABRIC BOARD SERIAL CONTROL ADDRESS
Q[0:7]LIDOP	B8/F5	QUAD LINK INTERFACE BOARD 0-7 DATA 1 OUT (TRUE)	SQ0R65C	B4/G2	SHELF UTILITY BOARD TO QUAD LINK INTERFACE BOARD 0 RECEIVE 65 MHZ COMPLEMENT
Q[0:7]RCV0D0	B6/H3	QUAD LINK INTERFACE BOARD 2 RECEIVE DATA 0 (TURE AND COMPLEMENT)	SQ0R65T	B4/G2	SHELF UTILITY BOARD TO QUAD LINK INTERFACE BOARD 0 RECEIVE 65 MHZ TRUE
Q[0:7]RCV0D1	B6/H3	QUAD LINK INTERFACE BOARD 2 RECEIVE DATA 0 (TURE AND COMPLEMENT)	SQ[0:7]RSYNC	B4/G2	SHELF UTILITY BOARD TO QUAD LINK INTERFACE BOARD 0 THROUGH 7 RECEIVE SYNC PULSE COMPLEMENT
Q[0:7]RCV1D0	B6/H3	QUAD LINK INTERFACE BOARD 2 RECEIVE DATA 1 (TURE AND COMPLEMENT)	SQ[0:7]RSYNT	B4/G2	SHELF UTILITY BOARD TO QUAD LINK INTERFACE BOARD 0 THROUGH 7 RECEIVE SYNC PULSE TRUE
Q[0:7]RCV1D1	B6/H3	QUAD LINK INTERFACE BOARD 2 RECEIVE DATA 1 (TURE AND COMPLEMENT)	SQ[0:7]SCADD	B1/F2	SHELF UTILITY BOARD TO QUAD LINK INTERFACE BOARD 0 THROUGH 7 SERIAL CONTROL ADDRESS
Q[0:7]RCV2D0	B6/H3	QUAD LINK INTERFACE BOARD 2 RECEIVE DATA 2 (TURE AND COMPLEMENT)	SQ[0:7]SCDAT	B1/F2	SHELF UTILITY BOARD TO QUAD LINK INTERFACE BOARD 0-7 SERIAL CONTROL DATA
Q[0:7]RCV2D1	B6/G3	QUAD LINK INTERFACE BOARD 2 RECEIVE DATA 2 (TURE AND COMPLEMENT)	SQ1R65C	B4/G3	SHELF UTILITY BOARD TO QUAD LINK INTERFACE BOARD 1 RECEIVE 65 MHZ COMPLEMENT
Q[0:7]RCV3D0	B6/H3	QUAD LINK INTERFACE BOARD 2 RECEIVE DATA 3 (TURE AND COMPLEMENT)	SQ1R65T	B4/G3	SHELF UTILITY BOARD TO QUAD LINK INTERFACE BOARD 1 RECEIVE 65 MHZ TRUE
Q[0:7]RCV3D1	B6/G3	QUAD LINK INTERFACE BOARD 2 RECEIVE DATA 3 (TURE AND COMPLEMENT)	SQ2R65C	B4/G4	SHELF UTILITY BOARD TO QUAD LINK INTERFACE BOARD 2 RECEIVE 65 MHZ COMPLEMENT
Q[0:2]SFDAT0	B6/H4	QUAD LINK INTERFACE BOARD 0-2 SHELF UTILITY BOARD FABRIC DATA 0	SQ2R65T	B4/G4	SHELF UTILITY BOARD TO QUAD LINK INTERFACE BOARD 2 RECEIVE 65 MHZ TRUE
Q[0:2]SFDAT1	B6/H4	QUAD LINK INTERFACE BOARD 0-2 SHELF UTILITY BOARD FABRIC DATA 1	SQ3R65C	B4/G4	SHELF UTILITY BOARD TO QUAD LINK INTERFACE BOARD 3 RECEIVE 65 MHZ COMPLEMENT
Q[0:2]SFDAT2	B6/H4	QUAD LINK INTERFACE BOARD 0-2 SHELF UTILITY BOARD FABRIC DATA 2	SQ3R65T	B4/G4	SHELF UTILITY BOARD TO QUAD LINK INTERFACE BOARD 3 RECEIVE 65 MHZ TRUE
Q[0:2]SFDAT3	B6/H4	QUAD LINK INTERFACE BOARD 0-2 SHELF UTILITY BOARD FABRIC DATA 3	SQ4R65C	B4/G5	SHELF UTILITY BOARD TO QUAD LINK INTERFACE BOARD 4 RECEIVE 65 MHZ COMPLEMENT
Q[0:7]SSCDAT	B1/F2	QUAD LINK INTERFACE BOARD 0-7 SHELF UTILITY X BOARD SERIAL CONTROL ADDRESS	SQ4R65T	B4/G5	SHELF UTILITY BOARD TO QUAD LINK INTERFACE BOARD 4 RECEIVE 65 MHZ TRUE
Q[0:7]SSERR	B1/F2	QUAD LINK INTERFACE BOARD 0-7 SHELF UTILITY Y BOARD SUMMORY ERROR	SQ5R65C	B4/G6	SHELF UTILITY BOARD TO QUAD LINK INTERFACE BOARD 5 RECEIVE 65 MHZ COMPLEMENT
Q[0:7]XM0D1	B9/G3	QUAD LINK INTERFACE BOARD 0-7 X-MIT DATA 0	SQ5R65T	B4/G6	SHELF UTILITY BOARD TO QUAD LINK INTERFACE BOARD 5 RECEIVE 65 MHZ TRUE
Q[0:7]XM1D1	B9/G3	QUAD LINK INTERFACE BOARD 0-7 X-MIT DATA 1	SQ6R65C	B4/G6	SHELF UTILITY BOARD TO QUAD LINK INTERFACE BOARD 6 RECEIVE 65 MHZ COMPLEMENT
Q[0:7]XM2D1	B9/G3	QUAD LINK INTERFACE BOARD 0-7 X-MIT DATA 2	SQ6R65T	B4/G6	SHELF UTILITY BOARD TO QUAD LINK INTERFACE BOARD 6 RECEIVE 65 MHZ TRUE
Q[0:7]XM3D1	B9/G3	QUAD LINK INTERFACE BOARD 0-7 X-MIT DATA 3	SQ7R65C	B4/G7	SHELF UTILITY BOARD TO QUAD LINK INTERFACE BOARD 7 RECEIVE 65 MHZ COMPLEMENT
Q[1:7]L1CLKN	B8/G2	QUAD LINK INTERFACE 8 MHZ CLOCK 1, BOARD 1-7 (COMPLEMENT)	SQ7R65T	B4/G7	SHELF UTILITY BOARD TO QUAD LINK INTERFACE BOARD 7 RECEIVE 65 MHZ TRUE
Q[1:7]L1CLKP	B8/F2	QUAD LINK INTERFACE 8 MHZ CLOCK 1, BOARD 1-7 (TRUE)	SSEL[0:3]	B2/B4	SHELF SELECT LEADS 0 THROUGH 3
Q[1:7]L1DIN	B8/F2	QUAD LINK INTERFACE BOARD 1-7 DATA 1 IN (COMPLEMENT)	STSCDATC	B1/B9	SUB BOARD TO TMS INTERFACE BOARD SERIAL CONTROL DATA COMPLEMENT
Q[2:7]L0CLKN	B11/E5	QUAD LINK INTERFACE 8 MHZ CLOCK 0, BOARD 2-7 (COMPLEMENT)	STSCDATT	B1/B9	SUB BOARD TO TMS INTERFACE BOARD SERIAL CONTROL DATA TRUE
Q[2:7]L0CLKP	B11/E5	QUAD LINK INTERFACE 8 MHZ CLOCK 0, BOARD 2-7 (TRUE)	STSERRC	B1/B9	SUB BOARD TO TMS INTERFACE BOARD SUMMARY ERROR COMPLEMENT
Q[2:7]L0DIN	B11/E5	QUAD LINK INTERFACE BOARD 2-7 DATA 0 IN (COMPLEMENT)	STSERRT	B1/B9	SUB BOARD TO TMS INTERFACE BOARD SUMMARY ERROR TRUE
Q3SFDAT3	B6/E1	QUAD LINK INTERFACE BOARD 3 SHELF UTILITY X BOARD FABRIC DATA 3	TMSIDATC	B3/G6	TMS INTERFACE BOARD TO SUB SERIAL CONTROL DATA (COMPLEMENT)
Q3SFDAT4	B6/E1	QUAD LINK INTERFACE BOARD 3 SHELF UTILITY X BOARD FABRIC DATA 4	TMSIDATT	B3/B6	TMS INTERFACE BOARD TO SUB SERIAL CONTROL DATA (TRUE)
Q[4:7]SFDAT0	B6/D4	QUAD LINK INTERFACE BOARD 4-7 SHELF UTILITY BOARD FABRIC DATA 0	TSUBXM[0:3]C	B1/B0	TMS INTERFACE BOARD TO SUB MULTIPLEXER CONTROL LEADS 0 THROUGH 3 COMPLEMENT
Q[4:7]SFDAT1	B6/D4	QUAD LINK INTERFACE BOARD 4-7 SHELF UTILITY BOARD FABRIC DATA 1	TSUBXM[0:3]T	B1/B0	TMS INTERFACE BOARD TO SUB MULTIPLEXER CONTROL LEADS 0 THROUGH 3 TRUE
Q[4:7]SFDAT2	B6/D4	QUAD LINK INTERFACE BOARD 4-7 SHELF UTILITY BOARD FABRIC DATA 2			
Q[4:7]SFDAT3	B6/D4	QUAD LINK INTERFACE BOARD 4-7 SHELF UTILITY BOARD FABRIC DATA 3			
RQIP3B	B14/F2	REQUEST IN PROGRESS TO 3B			
RQIP3BR	B14/E2	REQUEST IN PROGRESS TO RETURN HALF OF THAT TWISTED PAIR			
RS[1:3]	B12/H3	REMOTE START (1, 2, OR 3) TO ALL POWER CONVERTERS FROM SN516			
SCV3B0	B14/B6	SCAN V TO 3BIOP 0 VIA CMCU			
SCV3B1	B14/B7	SCAN V TO 3BIOP 1 VIA CMCU			
SCVR[0:1]	B14/B5	SCAN V RETURN TO 3BIOP (0 OR 1) VIA CMCU			
SCW3B	B14/F6	SCAN W TO CMCU OR PREVIOUS TMSU3			
SCW30	B14/B6	SCAN W LINK BETWEEN TERMINAL FIELDS TO INCOMMING AND OUTGOING CABLES			
SCWL	B14/E2	SCAN W RETURN TO CMCU OR PREVVIOUS TMSU3 SCAN W LOOP ON SN516			
SCWR	B14/B7	SCAN W RETURN TO CMCU OR PREVVIOUS TMSU3 SCAN W LOOP ON SN516			
SCX3B0	B14/B7	SCAN X TO 3BIOP 0 VIA CMCU			
SCX3B1	B14/B7	SCAN X TO 3BIOP 1 VIA CMCU			
SCXR[0:1]	B14/B6	SCAN X RETURN TO 3BIOP (0 OR 1) VIA CMCU			

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TIME MULTIPLEXED SWITCH UNIT MODEL 3		DWG SIZE
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1 LEAD INDEX							
LDBSIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
+5	P0		04-016	018	I SA+	B12/D3	
+5	P0		04-016	045	G BOUT+8	B12/D3	
+5	P0		04-016	046	G BOUT+9	B12/D3	
+5	P0		04-016	047	G BOUT+10	B12/D3	
+5	P0		04-016	048	G BOUT+11	B12/D3	
+5	P0		04-016	049	G BOUT+12	B12/D3	
+5	P0		04-016	050	G BOUT+13	B12/D3	
+5	P0		04-016	051	G BOUT+14	B12/D3	
+5	P0		04-016	052	G BOUT+15	B12/D3	
+5	P0		04-016	053	G BOUT+16	B12/D3	
+5	P0		04-016	054	G BOUT+17	B12/D3	
+5	P0		04-016	055	G BOUT+18	B12/D3	
+5	P0		04-016	056	G BOUT+19	B12/D3	
+5	P0		04-016	145	G BOUT+20	B12/D3	
+5	P0		04-016	146	G BOUT+21	B12/D3	
+5	P0		04-016	147	G BOUT+22	B12/D3	
+5	P0		04-016	148	G BOUT+23	B12/D3	
+5	P0		04-016	149	G BOUT+24	B12/D3	
+5	P0		04-016	150	G BOUT+25	B12/D3	
+5	P0		04-016	151	G BOUT+26	B12/D3	
+5	P0		04-016	152	G BOUT+27	B12/D3	
+5	P0		04-016	153	G BOUT+28	B12/D3	
+5	P0		04-016	154	G BOUT+29	B12/D3	
+5	P0		04-016	155	G BOUT+30	B12/D3	
+5	P0		04-016	156	G BOUT+31	B12/D3	
+5	P0		04-016	245	G BOUT+32	B12/D3	
+5	P0		04-016	246	G BOUT+33	B12/D3	
+5	P0		04-016	247	G BOUT+34	B12/D3	
+5	P0		04-016	248	G BOUT+35	B12/D3	
+5	P0		04-016	249	G BOUT+36	B12/D3	
+5	P0		04-016	250	G BOUT+37	B12/D3	
+5	P0		04-016	251	G BOUT+38	B12/D3	
+5	P0		04-016	252	G BOUT+39	B12/D3	
+5	P0		04-016	253	G BOUT+40	B12/D3	
+5	P0		04-016	254	G BOUT+41	B12/D3	
+5	P0		04-016	255	G BOUT+42	B12/D3	
+5	P0		04-016	256	G BOUT+43	B12/D3	
+5	P0		04-016	345	G BOUT+44	B12/D3	
+5	P0		04-016	346	G BOUT+45	B12/D3	
+5	P0		04-016	347	G BOUT+46	B12/D3	
+5	P0		04-016	348	G BOUT+47	B12/D3	
+5	P0		04-016	349	G BOUT+48	B12/D3	
+5	P0		04-016	350	G BOUT+49	B12/D3	
+5	P0		04-016	351	G BOUT+50	B12/D3	
+5	P0		04-016	352	G BOUT+51	B12/D3	
+5	P0		04-016	353	G BOUT+52	B12/D3	
+5	P0		04-016	354	G BOUT+53	B12/D3	
+5	P0		04-016	355	G BOUT+54	B12/D3	
+5	P0		04-016	356	G BOUT+55	B12/D3	
+5	QLI7.		04-032	215	P P50	B13/F7	
+5	QLI7.		04-032	241	P P51	B13/F7	
+5	QLI7.		04-032	315	P P52	B13/F7	
+5	QLI7.		04-032	341	P P53	B13/F7	
+5	QLI6.		04-040	215	P P50	B13/D7	
+5	QLI6.		04-040	241	P P51	B13/D7	
+5	QLI6.		04-040	315	P P52	B13/D7	
+5	QLI6.		04-040	341	P P53	B13/D7	
+5	QLI5.		04-048	215	P P50	B13/H4	
+5	QLI5.		04-048	241	P P51	B13/H4	
+5	QLI5.		04-048	315	P P52	B13/H4	
+5	QLI5.		04-048	341	P P53	B13/H4	
+5	QLI4.		04-056	215	P P50	B13/F4	
+5	QLI4.		04-056	241	P P51	B13/F4	
+5	QLI4.		04-056	315	P P52	B13/F4	
+5	QLI4.		04-056	341	P P53	B13/F4	
+5	QLI3.		04-064	215	P P50	B13/D4	
+5	QLI3.		04-064	241	P P51	B13/D4	
+5	QLI3.		04-064	315	P P52	B13/D4	
+5	QLI3.		04-064	341	P P53	B13/D4	
+5	QLI2.		04-072	215	P P50	B13/H1	
+5	QLI2.		04-072	241	P P51	B13/H1	
+5	QLI2.		04-072	315	P P52	B13/H1	
+5	QLI2.		04-072	341	P P53	B13/H1	
+5	QLI1.		04-080	215	P P50	B13/F1	
+5	QLI1.		04-080	241	P P51	B13/F1	
+5	QLI1.		04-080	315	P P52	B13/F1	
+5	QLI1.		04-080	341	P P53	B13/F1	
+5	QLI0.		04-088	215	P P50	B13/D1	
+5	QLI0.		04-088	241	P P51	B13/D1	
+5	QLI0.		04-088	315	P P52	B13/D1	
+5	QLI0.		04-088	341	P P53	B13/D1	
+5	SUB.		04-112	215	P P50	B12/G5	
+5	SUB.		04-112	241	P P52	B12/G5	
+5	SUB.		04-112	315	P P51	B12/G5	
+5	SUB.		04-112	341	P P53	B12/G5	
+5	KBN2TFO.		04-163	116	P P50	B12/F7	
+5	KBN2TFO.		04-163	140	P P51	B12/F7	
+5	KBN2TFO.		04-163	614	P P52	B12/F7	
+5	KBN2TFO.		04-163	642	P P53	B12/F7	
+5	KBN2TFF1.		04-173	116	P P50	B12/F8	
+5	KBN2TFF1.		04-173	140	P P51	B12/F8	
+5	KBN2TFF1.		04-173	614	P P52	B12/F8	
+5	KBN2TFF1.		04-173	642	P P53	B12/F8	
-2	P1		04-024	032	P BOUT-0	B12/B3	

2 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
-2	P1		04-024	033	P BOUT-1	B12/B3	
-2	P1		04-024	034	P BOUT-2	B12/B3	
-2	P1		04-024	035	P BOUT-3	B12/B3	
-2	P1		04-024	036	P BOUT-4	B12/B3	
-2	P1		04-024	037	P BOUT-5	B12/B3	
-2	P1		04-024	038	P BOUT-6	B12/B3	
-2	P1		04-024	039	P BOUT-7	B12/B3	
-2	P1		04-024	040	P BOUT-8	B12/B3	
-2	P1		04-024	041	P BOUT-9	B12/B3	
-2	P1		04-024	042	P BOUT-10	B12/B3	
-2	P1		04-024	043	P BOUT-11	B12/B3	
-2	P1		04-024	119	I S	B12/B3	
-2	P1		04-024	132	P BOUT-12	B12/B3	
-2	P1		04-024	133	P BOUT-13	B12/B3	
-2	P1		04-024	134	P BOUT-14	B12/B3	
-2	P1		04-024	135	P BOUT-15	B12/B3	
-2	P1		04-024	136	P BOUT-16	B12/B3	
-2	P1		04-024	137	P BOUT-17	B12/B3	
-2	P1		04-024	138	P BOUT-18	B12/B3	
-2	P1		04-024	139	P BOUT-19	B12/B3	
-2	P1		04-024	140	P BOUT-20	B12/B3	
-2	P1		04-024	141	P BOUT-21	B12/B3	
-2	P1		04-024	142	P BOUT-22	B12/B3	
-2	P1		04-024	143	P BOUT-23	B12/B3	
-2	P1		04-024	232	P BOUT-24	B12/B3	
-2	P1		04-024	233	P BOUT-25	B12/B3	
-2	P1		04-024	234	P BOUT-26	B12/B3	
-2	P1		04-024	235	P BOUT-27	B12/B3	
-2	P1		04-024	236	P BOUT-28	B12/B3	
-2	P1		04-024	237	P BOUT-29	B12/B3	
-2	P1		04-024	238	P BOUT-30	B12/B3	
-2	P1		04-024	239	P BOUT-31	B12/B3	
-2	P1		04-024	240	P BOUT-32	B12/B3	
-2	P1		04-024	241	P BOUT-33	B12/B3	
-2	P1		04-024	242	P BOUT-34	B12/B3	
-2	P1		04-024	243	P BOUT-35	B12/B3	
-2	P1		04-024	332	P BOUT-36	B12/B3	
-2	P1		04-024	333	P BOUT-37	B12/B3	
-2	P1		04-024	334	P BOUT-38	B12/B3	
-2	P1		04-024	335	P BOUT-39	B12/B3	
-2	P1		04-024	336	P BOUT-40	B12/B3	
-2	P1		04-024	337	P BOUT-41	B12/B3	
-2	P1		04-024	338	P BOUT-42	B12/B3	
-2	P1		04-024	339	P BOUT-43	B12/B3	
-2	P1		04-024	340	P BOUT-44	B12/B3	
-2	P1		04-024	341	P BOUT-45	B12/B3	
-2	P1		04-024	342	P BOUT-46	B12/B3	
-2	P1		04-024	343	P BOUT-47	B12/B3	
-2			04-030	027	P	B17/F6	
-2			04-030-027	1	P PWR1	B17/B6	
-2			04-030-027	2	P PWR2	B17/B6	
-2			04-030-027	3	P PWR3	B17/B6	
-2			04-030-027	4	P PWR4	B17/B6	
-2	QLI7.		04-032	221	P M22	B13/F7	
-2	QLI7.		04-032	224	P M23	B13/F7	
-2	QLI7.		04-032	232	P M24	B13/F7	
-2	QLI7.		04-032	235	P M25	B13/F7	
-2	QLI7.		04-032	316	I CXQXAC7	B1/F8	
-2	QLI7.		04-032	317	I CXQXAC6	B1/F8	
-2	QLI7.		04-032	321	P M26	B13/F7	
-2	QLI7.		04-032	324	P M27	B13/F7	
-2	QLI7.		04-032	332	P M28	B13/F7	
-2	QLI7.		04-032	335	P M29	B13/F7	
-2	QLI6.		04-040	221	P M22	B13/D7	
-2	QLI6.		04-040	224	P M23	B13/D7	
-2	QLI6.		04-040	232	P M24	B13/D7	
-2	QLI6.		04-040	235	P M25	B13/D7	
-2	QLI6.		04-040	316	I CXQXAC7	B1/F8	
-2	QLI6.		04-040	317	I CXQXAC6	B1/F8	
-2	QLI6.		04-040	321	P M26	B13/D7	
-2	QLI6.		04-040	324	P M27	B13/D7	
-2	QLI6.		04-040	332	P M28	B13/D7	
-2	QLI6.		04-040	335	P M29	B13/D7	
-2	QLI5.		04-048	221	P M22	B13/H4	
-2	QLI5.		04-048	224	P M23	B13/H4	
-2	QLI5.		04-048	232	P M24	B13/H4	
-2	QLI5.		04-048	235	P M25	B13/H4	
-2	QLI5.		04-048	316	I CXQXAC7	B1/F7	
-2	QLI5.		04-048	317	I CXQXAC6	B1/F7	
-2	QLI5.		04-048	321	P M26	B13/H4	
-2	QLI5.		04-048	324	P M27	B13/H4	
-2	QLI5.		04-048	332	P M28	B13/H4	
-2	QLI5.		04-048	335	P M29	B13/H4	
-2	QLI4.		04-056	221	P M22	B13/F4	
-2	QLI4.		04-056	224	P M23	B13/F4	
-2	QLI4.		04-056	232	P M24	B13/F4	
-2	QLI4.		04-056	235	P M25	B13/F4	
-2	QLI4.		04-056	316	I CXQXAC7	B1/F6	
-2	QLI4.		04-056	317	I CXQXAC6	B1/F6	
-2	QLI4.		04-056	321	P M26	B13/F4	
-2	QLI4.		04-056	324	P M27	B13/F4	
-2	QLI4.		04-056	332	P M28	B13/F4	
-2	QLI4.		04-056	335	P M29	B13/F4	
-2	QLI3.		04-064	221	P M22	B13/D4	
-2	QLI3.		04-064	224	P M23	B13/D4	

3 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT

4 LEAD INDEX (CONTINUED)							
LDSEIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT
-2	KBN2TFO.	04-163	623	P	M25	B12/F7	
-2	KBN2TFO.	04-163	633	P	M26	B12/F7	
-2	KBN2TFO.	04-163	636	P	M27	B12/F7	
-2	KBN2TF1.	04-173	121	P	M20	B12/F8	
-2	KBN2TF1.	04-173	124	P	M21	B12/F8	
-2	KBN2TF1.	04-173	132	P	M22	B12/F8	
-2	KBN2TF1.	04-173	135	P	M23	B12/F8	
-2	KBN2TF1.	04-173	620	P	M24	B12/F8	
-2	KBN2TF1.	04-173	623	P	M25	B12/F8	
-2	KBN2TF1.	04-173	633	P	M26	B12/F8	
-2	KBN2TF1.	04-173	636	P	M27	B12/F8	
-48A	02-012	02-012	008	P		B12/A0	*
-48A	03-012	03-012	008	P		B12/C0	*
-48A	-48A	03-012-008	1	P	PWR1	B17/B0	
-48A	-48A	03-012-008	2	P	PWR2	B17/B0	
-48A	-48A	03-012-008	3	P	PWR3	B17/B0	
-48A	-48A	03-012-008	4	P	PWR4	B17/B0	
-48A	CD.	04-008	006	P	-48V0	B12/C1	
-48A	CD.	04-008	007	P	-48V1	B12/C1	
-48A	CD.	04-008	008	P	-48V2	B12/C1	
-48A	CD.	04-008	106	P	-48V3	B12/C1	
-48A	CD.	04-008	107	P	-48V4	B12/C1	
-48A	CD.	04-008	108	P	-48V5	B12/C1	
-48ARTN	CD.	04-008	002	I	WDELENO	B14/E2	
-48ARTN	CD.	04-008	101	I	YDELENO	B14/E2	
-48ARTN	CD.	04-008	149	I	ZRTN	B14/E2	
-48B	02-022	02-022	008	P		B12/B4	*
-48B	02-022	02-022	012	P		B12/B4	*
-48B	03-022	03-022	008	P		B17/E1	*
-48B	03-022	03-022	012	P		B17/C1	*
-48B1	-48B1	03-022-008	1	P	PWR1	B17/D1	
-48B1	-48B1	03-022-008	2	P	PWR2	B17/D1	
-48B1	-48B1	03-022-008	3	P	PWR3	B17/D1	
-48B1	-48B1	03-022-008	4	P	PWR4	B17/D1	
-48B2	-48B2	03-022-012	1	P	PWR1	B17/B1	
-48B2	-48B2	03-022-012	2	P	PWR2	B17/B1	
-48B2	-48B2	03-022-012	3	P	PWR3	B17/B1	
-48B2	-48B2	03-022-012	4	P	PWR4	B17/B1	
-48B	PO	04-016	006	P	-480	B12/D3	
-48B	PO	04-016	007	P	-481	B12/D3	
-48B	PO	04-016	008	P	-482	B12/D3	
-48B	PO	04-016	106	P	-483	B12/D3	
-48B	PO	04-016	107	P	-484	B12/D3	
-48B	PO	04-016	108	P	-485	B12/D3	
-48B	PO	04-016	206	P	-486	B12/D3	
-48B	PO	04-016	207	P	-487	B12/D3	
-48B	PO	04-016	208	P	-488	B12/D3	
-48B	PO	04-016	306	P	-489	B12/D3	
-48B	PO	04-016	307	P	-4810	B12/D3	
-48B	PO	04-016	308	P	-4811	B12/D3	
-48C	02-030	02-030	008	P		B12/B4	*
-48C	03-030	03-030	008	P		B17/C2	*
-48C	-48C	03-030-008	1	P	PWR1	B17/B2	
-48C	-48C	03-030-008	2	P	PWR2	B17/B2	
-48C	-48C	03-030-008	3	P	PWR3	B17/B2	
-48C	-48C	03-030-008	4	P	PWR4	B17/B2	
-48C	P1	04-024	006	P	-480	B12/B3	
-48C	P1	04-024	007	P	-481	B12/B3	
-48C	P1	04-024	008	P	-482	B12/B3	
-48C	P1	04-024	106	P	-483	B12/B3	
-48C	P1	04-024	107	P	-484	B12/B3	
-48C	P1	04-024	108	P	-485	B12/B3	
-48C	P1	04-024	206	P	-486	B12/B3	
-48C	P1	04-024	207	P	-487	B12/B3	
-48C	P1	04-024	208	P	-488	B12/B3	
-48C	P1	04-024	306	P	-489	B12/B3	
-48C	P1	04-024	307	P	-4810	B12/B3	
-48C	P1	04-024	308	P	-4811	B12/B3	
-48D	02-102	02-102	008	P		B12/B4	*
-48D	02-102	02-102	012	P		B12/B4	*
-48D	03-102	03-102	008	P		B17/C3	*
-48D	03-102	03-102	012	P		B17/E3	*
-48D1	-48D1	03-102-008	1	P	PWR1	B17/B3	
-48D1	-48D1	03-102-008	2	P	PWR2	B17/B3	
-48D1	-48D1	03-102-008	3	P	PWR3	B17/B3	
-48D1	-48D1	03-102-008	4	P	PWR4	B17/B3	
-48D2	-48D2	03-102-012	1	P	PWR1	B17/D3	
-48D2	-48D2	03-102-012	2	P	PWR2	B17/D3	
-48D2	-48D2	03-102-012	3	P	PWR3	B17/D3	
-48D2	-48D2	03-102-012	4	P	PWR4	B17/D3	
-48D	P2	04-096	006	P	-480	B12/G3	
-48D	P2	04-096	007	P	-481	B12/G3	
-48D	P2	04-096	008	P	-482	B12/G3	
-48D	P2	04-096	106	P	-483	B12/G3	
-48D	P2	04-096	107	P	-484	B12/G3	
-48D	P2	04-096	108	P	-485	B12/G3	
-48D	P2	04-096	206	P	-486	B12/G3	
-48D	P2	04-096	207	P	-487	B12/G3	
-48D	P2	04-096	208	P	-488	B12/G3	
-48D	P2	04-096	306	P	-489	B12/G3	
-48D	P2	04-096	307	P	-4810	B12/G3	
-48D	P2	04-096	308	P	-4811	B12/G3	

5 LEAD INDEX (CONTINUED)							
LDSEIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT
-48D	P2	04-096	307	P	-4810	B12/G3	
-48D	P2	04-096	308	P	-4811	B12/G3	
-48E	02-110	02-110	008	P		B12/B4	*
-48E	02-110	02-110	012	P		B12/B4	*
-48E	03-110	03-110	008	P		B17/C4	*
-48E	03-110	03-110	012	P		B17/E4	*
-48E	-48E1	03-110-008	1	P	PWR1	B17/B4	
-48E	-48E1	03-110-008	2	P	PWR2	B17/B4	
-48E	-48E1	03-110-008	3	P	PWR3	B17/B4	
-48E	-48E1	03-110-008	4	P	PWR4	B17/B4	
-48E	-48E2	03-110-012	1	P	PWR1	B17/D4	
-48E	-48E2	03-110-012	2	P	PWR2	B17/D4	
-48E	-48E2	03-110-012	3	P	PWR3	B17/D4	
-48E	-48E2	03-110-012	4	P	PWR4	B17/D4	
-48E	P3	04-104	006	P	-480	B12/H3	
-48E	P3	04-104	007	P	-481	B12/H3	
-48E	P3	04-104	008	P	-482	B12/H3	
-48E	P3	04-104	106	P	-483	B12/H3	
-48E	P3	04-104	107	P	-484	B12/H3	
-48E	P3	04-104	108	P	-485	B12/H3	
-48E	P3	04-104	206	P	-486	B12/H3	
-48E	P3	04-104	207	P	-487	B12/H3	
-48E	P3	04-104	208	P	-488	B12/H3	
-48E	P3	04-104	306	P	-489	B12/H3	
-48E	P3	04-104	307	P	-4810	B12/H3	
-48E	P3	04-104	308	P	-4811	B12/H3	
-48LI	IOPART		044	P		B13/A0	*
-48LI	QLI7.	04-032	044	P	-48V0	B13/F7	
-48LI	QLI6.	04-040	044	P	-48V0	B13/D7	
-48LI	QLI5.	04-048	044	P	-48V0	B13/H4	
-48LI	QLI4.	04-056	044	P	-48V0	B13/F4	
-48LI	QLI3.	04-064	044	P	-48V0	B13/D4	
-48LI	QLI2.	04-072	044	P	-48V0	B13/H1	
-48LI	QLI1.	04-080	044	P	-48V0	B13/F1	
-48LI	QLI0.	04-088	044	P	-48V0	B13/D1	
-48LI	06-030	06-030	044	P		B17/F6	*
-48LI	-48LI	06-030-044	1	P	PWR1	B17/B6	
-48LI	-48LI	06-030-044	2	P	PWR2	B17/B6	
-48LI	-48LI	06-030-044	3	P	PWR3	B17/B6	
-48LI	-48LI	06-030-044	4	P	PWR4	B17/B6	
-48RA	02-012	02-012	004	P		B12/A0	*
-48RA	03-012	03-012	004	P		B17/C0	*
-48RA	RTNA	03-012-004	1	P	PWR1	B17/B0	
-48RA	RTNA	03-012-004	2	P	PWR2	B17/B0	
-48RA	RTNA	03-012-004	3	P	PWR3	B17/B0	
-48RA	RTNA	03-012-004	4	P	PWR4	B17/B0	
-48RA	CD.	04-008	003	P	-48RTN0	B12/C1	
-48RA	CD.	04-008	004	P	-48RTN1	B12/C1	
-48RA	CD.	04-008	102	P	-48RTN2	B12/C1	
-48RA	CD.	04-008	103	P	-48RTN3	B12/C1	
-48RA	CD.	04-008	104	P	-48RTN4	B12/C1	
-48RB	02-022	02-022	000	P		B12/B4	*
-48RB	02-022	02-022	004	P		B12/B4	*
-48RB	03-022	03-022	000	P		B17/E1	*
-48RB	03-022	03-022	004	P		B17/C1	*
-48RB	RTNE1	03-022-000	1	P	PWR1	B17/D1	
-48RB	RTNE1	03-022-000	2	P	PWR2	B17/D1	
-48RB	RTNE1	03-022-000	3	P	PWR3	B17/D1	
-48RB	RTNE1	03-022-000	4	P	PWR4	B17/D1	
-48RB	RTNE2	03-022-004	1	P	PWR1	B17/B1	
-48RB	RTNE2	03-022-004	2	P	PWR2	B17/B1	
-48RB	RTNE2	03-022-004	3	P	PWR3	B17/B1	
-48RB	RTNE2	03-022-004	4	P	PWR4	B17/B1	
-48RB	PO	04-016	003	P	-48RTN0	B12/D3	
-48RB	PO	04-016	004	P	-48RTN1	B12/D3	
-48RB	PO	04-016	005	P	-48RTN2	B12/D3	
-48RB	PO	04-016	102	P	-48RTN3	B12/D3	
-48RB	PO	04-016	103	P	-48RTN4	B12/D3	
-48RB	PO	04-016	104	P	-48RTN5	B12/D3	
-48RB	PO	04-016	203	P	-48RTN6	B12/D3	
-48RB	PO	04-016	204	P	-48RTN7	B12/D3	
-48RB	PO	04-016	205	P	-48RTN8	B12/D3	
-48RB	PO	04-016	302	P	-48RTN9	B12/D3	
-48RB	PO	04-016	303	P	-48RTN10	B12/D3	
-48RB	PO	04-016	304	P	-48RTN11	B12/D3	
-48RC	02-030	02-030	004	P		B12/B4	*
-48RC	03-030	03-030	004	P		B17/C2	*
-48RC	RTNC	03-030-004	1	P	PWR1	B17/B2	
-48RC	RTNC	03-030-004	2	P	PWR2	B17/B2	
-48RC	RTNC	03-030-004	3	P	PWR3	B17/B2	
-48RC	RTNC	03-030-004	4	P	PWR4	B17/B2	
-48RC	P1	04-024	003	P	-48RTN0	B12/E3	
-48RC	P1	04-024	004	P	-48RTN1	B12/E3	
-48RC	P1	04-024	005	P	-48RTN2	B12/E3	
-48RC	P1	04-024	102	P	-48RTN3	B12/E3	
-48RC	P1	04-024	103	P	-48RTN4	B12/E3	
-48RC	P1	04-024	104	P	-48RTN5	B12/E3	
-48RC	P1	04-024	203	P	-48RTN6	B12/E3	
-48RC	P1	04-024	204	P	-48RTN7	B12/E3	
-48RC	P1	04-024	205	P	-48RTN8	B12/E3	
-48RC	P1	04-024	204	P	-48RTN9	B12/E3	
-48RC	P1						

7 LEAD INDEX (CONTINUED)							
LDDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
-5A	QLI6.	04-040	350	P	M513	B13/D7	
-5A	QLI6.	04-040	353	P	M514	B13/D7	
-5A	QLI6.	04-040	356	P	M515	B13/D7	
-5A	QLI5.	04-048	200	P	M54	B13/H4	
-5A	QLI5.	04-048	203	P	M55	B13/H4	
-5A	QLI5.	04-048	206	P	M56	B13/H4	
-5A	QLI5.	04-048	250	P	M57	B13/H4	
-5A	QLI5.	04-048	253	P	M58	B13/H4	
-5A	QLI5.	04-048	256	P	M59	B13/H4	
-5A	QLI5.	04-048	300	P	M510	B13/H4	
-5A	QLI5.	04-048	303	P	M511	B13/H4	
-5A	QLI5.	04-048	306	P	M512	B13/H4	
-5A	QLI5.	04-048	350	P	M513	B13/H4	
-5A	QLI5.	04-048	353	P	M514	B13/H4	
-5A	QLI5.	04-048	356	P	M515	B13/H4	
-5A	QLI4.	04-056	200	P	M54	B13/F4	
-5A	QLI4.	04-056	203	P	M55	B13/F4	
-5A	QLI4.	04-056	206	P	M56	B13/F4	
-5A	QLI4.	04-056	250	P	M57	B13/F4	
-5A	QLI4.	04-056	253	P	M58	B13/F4	
-5A	QLI4.	04-056	256	P	M59	B13/F4	
-5A	QLI4.	04-056	300	P	M510	B13/F4	
-5A	QLI4.	04-056	303	P	M511	B13/F4	
-5A	QLI4.	04-056	306	P	M512	B13/F4	
-5A	QLI4.	04-056	350	P	M513	B13/F4	
-5A	QLI4.	04-056	353	P	M514	B13/F4	
-5A	QLI4.	04-056	356	P	M515	B13/F4	
-5A	P2	04-096	032	P	BOUT-0	B12/G3	
-5A	P2	04-096	033	P	BOUT-1	B12/G3	
-5A	P2	04-096	034	P	BOUT-2	B12/G3	
-5A	P2	04-096	035	P	BOUT-3	B12/G3	
-5A	P2	04-096	036	P	BOUT-4	B12/G3	
-5A	P2	04-096	037	P	BOUT-5	B12/G3	
-5A	P2	04-096	038	P	BOUT-6	B12/G3	
-5A	P2	04-096	039	P	BOUT-7	B12/G3	
-5A	P2	04-096	040	P	BOUT-8	B12/G3	
-5A	P2	04-096	041	P	BOUT-9	B12/G3	
-5A	P2	04-096	042	P	BOUT-10	B12/G3	
-5A	P2	04-096	043	P	BOUT-11	B12/G3	
-5A	P2	04-096	119	I	S-	B12/G3	
-5A	P2	04-096	132	P	BOUT-12	B12/G3	
-5A	P2	04-096	133	P	BOUT-13	B12/G3	
-5A	P2	04-096	134	P	BOUT-14	B12/G3	
-5A	P2	04-096	135	P	BOUT-15	B12/G3	
-5A	P2	04-096	136	P	BOUT-16	B12/G3	
-5A	P2	04-096	137	P	BOUT-17	B12/G3	
-5A	P2	04-096	138	P	BOUT-18	B12/G3	
-5A	P2	04-096	139	P	BOUT-19	B12/G3	
-5A	P2	04-096	140	P	BOUT-20	B12/G3	
-5A	P2	04-096	141	P	BOUT-21	B12/G3	
-5A	P2	04-096	142	P	BOUT-22	B12/G3	
-5A	P2	04-096	143	P	BOUT-23	B12/G3	
-5A	P2	04-096	232	P	BOUT-24	B12/G3	
-5A	P2	04-096	233	P	BOUT-25	B12/G3	
-5A	P2	04-096	234	P	BOUT-26	B12/G3	
-5A	P2	04-096	235	P	BOUT-27	B12/G3	
-5A	P2	04-096	236	P	BOUT-28	B12/G3	
-5A	P2	04-096	237	P	BOUT-29	B12/G3	
-5A	P2	04-096	238	P	BOUT-30	B12/G3	
-5A	P2	04-096	239	P	BOUT-31	B12/G3	
-5A	P2	04-096	240	P	BOUT-32	B12/G3	
-5A	P2	04-096	241	P	BOUT-33	B12/G3	
-5A	P2	04-096	242	P	BOUT-34	B12/G3	
-5A	P2	04-096	243	P	BOUT-35	B12/G3	
-5A	P2	04-096	332	P	BOUT-36	B12/G3	
-5A	P2	04-096	333	P	BOUT-37	B12/G3	
-5A	P2	04-096	334	P	BOUT-38	B12/G3	
-5A	P2	04-096	335	P	BOUT-39	B12/G3	
-5A	P2	04-096	336	P	BOUT-40	B12/G3	
-5A	P2	04-096	337	P	BOUT-41	B12/G3	
-5A	P2	04-096	338	P	BOUT-42	B12/G3	
-5A	P2	04-096	339	P	BOUT-43	B12/G3	
-5A	P2	04-096	340	P	BOUT-44	B12/G3	
-5A	P2	04-096	341	P	BOUT-45	B12/G3	
-5A	P2	04-096	342	P	BOUT-46	B12/G3	
-5A	P2	04-096	343	P	BOUT-47	B12/G3	
-5A	06-155	06-155	034	P		B18/D1	*
-5A	06-155	06-155	038	P		B18/D1	*
-5A	06-155	06-155	042	P		B18/D2	*
-5A	06-155	06-155	046	P		B18/D2	*
-5A	06-155	06-155	050	P		B18/D3	*
-5A	06-155	06-155	054	P		B18/D4	*
-5A	-5A1	06-155-034	1	P	PWR1	B18/C1	
-5A	-5A1	06-155-034	2	P	PWR2	B18/C1	
-5A	-5A1	06-155-034	3	P	PWR3	B18/C1	
-5A	-5A1	06-155-034	4	P	PWR4	B18/C1	
-5A	-5A2	06-155-038	1	P	PWR1	B18/C1	
-5A	-5A2	06-155-038	2	P	PWR2	B18/C1	
-5A	-5A2	06-155-038	3	P	PWR3	B18/C1	
-5A	-5A2	06-155-038	4	P	PWR4	B18/C1	
-5A	-5A3	06-155-042	1	P	PWR1	B18/C2	
-5A	-5A3	06-155-042	2	P	PWR2	B18/C2	
-5A	-5A3	06-155-042	3	P	PWR3	B18/C2	
-5A	-5A3	06-155-042	4	P	PWR4	B18/C2	
-5A	-5A4	06-155-046	1	P	PWR1	B18/C2	

8 LEAD INDEX (CONTINUED)							
LDDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
-5A	-5A4	06-155-046	2	P	PWR2	B18/C2	
-5A	-5A4	06-155-046	3	P	PWR3	B18/C2	
-5A	-5A4	06-155-046	4	P	PWR4	B18/C2	
-5A	-5A5	06-155-050	1	P	PWR1	B18/C3	
-5A	-5A5	06-155-050	2	P	PWR2	B18/C3	
-5A	-5A5	06-155-050	3	P	PWR3	B18/C3	
-5A	-5A5	06-155-050	4	P	PWR4	B18/C3	
-5A	-5A6	06-155-054	1	P	PWR1	B18/C4	
-5A	-5A6	06-155-054	2	P	PWR2	B18/C4	
-5A	-5A6	06-155-054	3	P	PWR3	B18/C4	
-5A	-5A6	06-155-054	4	P	PWR4	B18/C4	
-5B	01-121	01-121	380	P		B13/A1	*
-5B	01-163	01-163	180	P		B13/A1	*
-5B	02-121	02-121	4B0	P		B17/F7	*
-5B	-5B1	02-121-4B0	1	P	PWR1	B17/B7	
-5B	-5B1	02-121-4B0	2	P	PWR2	B17/B7	
-5B	-5B1	02-121-4B0	3	P	PWR3	B17/B7	
-5B	-5B1	02-121-4B0	4	P	PWR4	B17/B7	
-5B	02-163	02-163	2B0	P		B17/F7	*
-5B	-5B2	02-163-2B0	1	P	PWR1	B17/B7	
-5B	-5B2	02-163-2B0	2	P	PWR2	B17/B7	
-5B	-5B2	02-163-2B0	3	P	PWR3	B17/B7	
-5B	-5B2	02-163-2B0	4	P	PWR4	B17/B7	
-5B	QLI3.	04-064	200	P	M54	B13/D4	
-5B	QLI3.	04-064	203	P	M55	B13/D4	
-5B	QLI3.	04-064	206	P	M56	B13/D4	
-5B	QLI3.	04-064	250	P	M57	B13/D4	
-5B	QLI3.	04-064	253	P	M58	B13/D4	
-5B	QLI3.	04-064	256	P	M59	B13/D4	
-5B	QLI3.	04-064	300	P	M510	B13/D4	
-5B	QLI3.	04-064	303	P	M511	B13/D4	
-5B	QLI3.	04-064	306	P	M512	B13/D4	
-5B	QLI3.	04-064	350	P	M513	B13/D4	
-5B	QLI3.	04-064	353	P	M514	B13/D4	
-5B	QLI3.	04-064	356	P	M515	B13/D4	
-5B	QLI2.	04-072	200	P	M54	B13/H1	
-5B	QLI2.	04-072	203	P	M55	B13/H1	
-5B	QLI2.	04-072	206	P	M56	B13/H1	
-5B	QLI2.	04-072	250	P	M57	B13/H1	
-5B	QLI2.	04-072	253	P	M58	B13/H1	
-5B	QLI2.	04-072	256	P	M59	B13/H1	
-5B	QLI2.	04-072	300	P	M510	B13/H1	
-5B	QLI2.	04-072	303	P	M511	B13/H1	
-5B	QLI2.	04-072	306	P	M512	B13/H1	
-5B	QLI2.	04-072	350	P	M513	B13/H1	
-5B	QLI2.	04-072	353	P	M514	B13/H1	
-5B	QLI2.	04-072	356	P	M515	B13/H1	
-5B	QLI1.	04-080	200	P	M54	B13/F1	
-5B	QLI1.	04-080	203	P	M55	B13/F1	
-5B	QLI1.	04-080	206	P	M56	B13/F1	
-5B	QLI1.	04-080	250	P	M57	B13/F1	
-5B	QLI1.	04-080	253	P	M58	B13/F1	
-5B	QLI1.	04-080	256	P	M59	B13/F1	
-5B	QLI1.	04-080	300	P	M510	B13/F1	
-5B	QLI1.	04-080	303	P	M511	B13/F1	
-5B	QLI1.	04-080	306	P	M512	B13/F1	
-5B	QLI1.	04-080	350	P	M513	B13/F1	
-5B	QLI1.	04-080	353	P	M514	B13/F1	
-5B	QLI1.	04-080	356	P	M515	B13/F1	
-5B	QLI0.	04-088	200	P	M54	B13/D1	
-5B	QLI0.	04-088	203	P	M55	B13/D1	
-5B	QLI0.	04-088	206	P	M56	B13/D1	
-5B	QLI0.	04-088	250	P	M57	B13/D1	
-5B	QLI0.	04-088	253	P	M58	B13/D1	
-5B	QLI0.	04-088	256	P	M59	B13/D1	
-5B	QLI0.	04-088	300	P	M510	B13/D1	
-5B	QLI0.	04-088	303	P	M511	B13/D1	
-5B	QLI0.	04-088	306	P	M512	B13/D1	
-5B	QLI0.	04-088	350	P	M513	B13/D1	
-5B	QLI0.	04-088	353	P	M514	B13/D1	
-5B	QLI0.	04-088	356	P	M515	B13/D1	
-5B	P3	04-104	032	P	BOUT-0	B12/H3	
-5B	P3	04-104	033	P	BOUT-1	B12/H3	
-5B	P3	04-104	034	P	BOUT-2	B12/H3	
-5B	P3	04-104	035	P	BOUT-3	B12/H3	
-5B	P3	04-104	036	P	BOUT-4	B12/H3	
-5B	P3	04-104	037	P	BOUT-5	B12/H3	
-5B	P3	04-104	038	P	BOUT-6	B12/H3	
-5B	P3	04-104	039	P	BOUT-7	B12/H3	
-5B	P3	04-104	040	P	BOUT-8	B12/H3	
-5B	P3	04-104	041	P	BOUT-9	B12/H3	
-5B	P3	04-104	042	P	BOUT-10	B12/H3	
-5B	P3	04-104	043	P	BOUT-11	B12/H3	
-5B	P3	04-104	119	I	S-	B12/H3	
-5B	P3	04-104	132	P	BOUT-12	B12/H3	
-5B	P3	04-104	133	P	BOUT-13	B12/H3	
-5B	P3	04-104	134	P	BOUT-14	B12/H3	
-5B	P3	04-104	135	P	BOUT-15	B12/H3	
-5B	P3	04-104	136	P	BOUT-16	B12/H3	
-5B	P3	04-104	137	P	BOUT-17	B12/H3	
-5B	P3	04-104	138	P	BOUT-18	B12/H3	
-5B	P3	04-104	139	P	BOUT-19	B12/H3	

10 LEAD INDEX (CONTINUED)							
LD SIG	FD SIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
-5B	KBN2TF0.	04-163	103	P	M51	B12/F7	
-5B	KBN2TF0.	04-163	106	P	M52	B12/F7	
-5B	KBN2TF0.	04-163	150	P	M53	B12/F7	
-5B	KBN2TF0.	04-163	153	P	M54	B12/F7	
-5B	KBN2TF0.	04-163	156	P	M55	B12/F7	
-5B	KBN2TF0.	04-163	601	P	M56	B12/F7	
-5B	KBN2TF0.	04-163	604	P	M57	B12/F7	
-5B	KBN2TF0.	04-163	607	P	M58	B12/F7	
-5B	KBN2TF0.	04-163	649	P	M59	B12/F7	
-5B	KBN2TF0.	04-163	652	P	M510	B12/F7	
-5B	KBN2TF0.	04-163	655	P	M511	B12/F7	
-5B	KBN2TF1.	04-173	100	P	M50	B12/F8	
-5B	KBN2TF1.	04-173	103	P	M51	B12/F8	
-5B	KBN2TF1.	04-173	106	P	M52	B12/F8	
-5B	KBN2TF1.	04-173	150	P	M53	B12/F8	
-5B	KBN2TF1.	04-173	153	P	M54	B12/F8	
-5B	KBN2TF1.	04-173	156	P	M55	B12/F8	
-5B	KBN2TF1.	04-173	601	P	M56	B12/F8	
-5B	KBN2TF1.	04-173	604	P	M57	B12/F8	
-5B	KBN2TF1.	04-173	607	P	M58	B12/F8	
-5B	KBN2TF1.	04-173	649	P	M59	B12/F8	
-5B	KBN2TF1.	04-173	652	P	M510	B12/F8	
-5B	KBN2TF1.	04-173	655	P	M511	B12/F8	
-5B	06-159		034	P		B18/D5	*
-5B	06-159		038	P		B18/D6	*
-5B	06-159		042	P		B18/D6	*
-5B	06-159		046	P		B18/D7	*
-5B	06-159		050	P		B18/D7	*
-5B	06-159		054	P		B18/D8	*
-5B	-5B8	06-159-046	1	P	PWR1	B18/C7	
-5B	-5B8	06-159-046	2	P	PWR2	B18/C7	
-5B	-5B8	06-159-046	3	P	PWR3	B18/C7	
-5B	-5B8	06-159-046	4	P	PWR4	B18/C7	
-5B	-5B5	06-159-034	1	P	PWR1	B18/C5	
-5B	-5B5	06-159-034	2	P	PWR2	B18/C5	
-5B	-5B5	06-159-034	3	P	PWR3	B18/C5	
-5B	-5B5	06-159-034	4	P	PWR4	B18/C5	
-5B	-5B6	06-159-038	1	P	PWR1	B18/C6	
-5B	-5B6	06-159-038	2	P	PWR2	B18/C6	
-5B	-5B6	06-159-038	3	P	PWR3	B18/C6	
-5B	-5B6	06-159-038	4	P	PWR4	B18/C6	
-5B	-5B7	06-159-042	1	P	PWR1	B18/C6	
-5B	-5B7	06-159-042	2	P	PWR2	B18/C6	
-5B	-5B7	06-159-042	3	P	PWR3	B18/C6	
-5B	-5B7	06-159-042	4	P	PWR4	B18/C6	
-5B	-5B9	06-159-050	1	P	PWR1	B18/C7	
-5B	-5B9	06-159-050	2	P	PWR2	B18/C7	
-5B	-5B9	06-159-050	3	P	PWR3	B18/C7	
-5B	-5B9	06-159-050	4	P	PWR4	B18/C7	
-5B	-5B10	06-159-054	1	P	PWR1	B18/C8	
-5B	-5B10	06-159-054	2	P	PWR2	B18/C8	
-5B	-5B10	06-159-054	3	P	PWR3	B18/C8	
-5B	-5B10	06-159-054	4	P	PWR4	B18/C8	
-5B	07-121		457	P		B17/F8	*
-5B	-5B3	07-121-457	1	P	PWR1	B17/B8	
-5B	-5B3	07-121-457	2	P	PWR2	B17/B8	
-5B	-5B3	07-121-457	3	P	PWR3	B17/B8	
-5B	-5B3	07-121-457	4	P	PWR4	B17/B8	
-5B	07-163		257	P		B17/F8	*
-5B	-5B4	07-163-257	1	P	PWR1	B17/B8	
-5B	-5B4	07-163-257	2	P	PWR2	B17/B8	
-5B	-5B4	07-163-257	3	P	PWR3	B17/B8	
-5B	-5B4	07-163-257	4	P	PWR4	B17/B8	
ALMO	CD.	04-008	117	I	AD	B12/C1	
ALMO	CD.	04-008	145	O	RESERVE	B12/C1	*
ALMO	P0	04-016	014	I	ALM2	B12/D3	
ALMO	P1	04-024	014	I	ALM2	B12/E3	
ALMO	P2	04-096	014	I	ALM2	B12/G3	
ALMO	P3	04-104	014	I	ALM2	B12/H3	
BRD1PAR	KBN2TF1.	04-173	253	O	BRDPAR	B3/E4	*
BRDOPAR	KBN2TF0.	04-163	253	O	BRDOPAR	B3/E2	*
CARD0	CD.	04-008	123	O	CARD	B12/C1	
CARD0	CD.	04-008	148	I	PINT	B12/C1	
CARD0	P0	04-016	113	I	ALM1	B12/D3	
CARD0	P1	04-024	113	I	ALM1	B12/E3	
CARD0	P2	04-096	113	I	ALM1	B12/G3	
CARD0	P3	04-104	113	I	ALM1	B12/H3	
DGN3B	CD.	04-008	150	I	DGN3B	B14/E2	
DGN3B	04-012	04-012	047	I	I	B14/B2	*
DGN3B	04-014	04-014	047	O	O	B14/F2	*
DGN3B	TF2	36-012	047	I	DGN3B	B15/E2	
DGN3B	TF4	36-014	047	I	DGN3B	B15/E4	
DGNFANS	CD.	04-008	048	O	DGNFANS	B14/E2	
DGNFANS	CD.	04-008	050	O	DGNRTN	B14/E2	
EJ0DATA	KBN4TF0.	04-121	456	I	EJ0DAT	B16/E4	
EJ0DATA	CRFAB.X X	04-131	654	I	EJ0DATA	B9/D1	
EJ0DATC	CRFAB.X X	04-131	756	I	EJ0DATC	B9/D1	

11 LEAD INDEX (CONTINUED)							
LD SIG	FD SIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
EJ0DATC	KBN4TF1.	04-143	456	I	EJ0DAT	B16/F4	
EJ10DATA	KBN4TF0.	04-121	440	I	EJ10DAT	B16/E4	
EJ10DATA	CRFAB.X X	04-131	639	I	EJ10DATA	B9/D1	
EJ10DATC	CRFAB.X X	04-131	740	I	EJ10DATC	B9/D1	
EJ10DATC	KBN4TF1.	04-143	440	I	EJ10DAT	B16/F4	
EJ11DATA	KBN4TF0.	04-121	439	I	EJ11DAT	B16/E4	
EJ11DATA	CRFAB.X X	04-131	637	I	EJ11DATA	B9/D1	
EJ11DATC	CRFAB.X X	04-131	739	I	EJ11DATC	B9/D1	
EJ11DATC	KBN4TF1.	04-143	439	I	EJ11DAT	B16/F4	
EJ12DATA	KBN4TF0.	04-121	437	I	EJ12DAT	B16/E4	
EJ12DATA	CRFAB.X X	04-131	634	I	EJ12DATA	B9/D1	
EJ12DATC	CRFAB.X X	04-131	735	I	EJ12DATC	B9/D1	
EJ12DATC	KBN4TF1.	04-143	437	I	EJ12DAT	B16/F4	
EJ13DATA	KBN4TF0.	04-121	436	I	EJ13DAT	B16/E4	
EJ13DATA	CRFAB.X X	04-131	635	I	EJ13DATA	B9/D1	
EJ13DATC	CRFAB.X X	04-131	736	I	EJ13DATC	B9/D1	
EJ13DATC	KBN4TF1.	04-143	436	I	EJ13DAT	B16/F4	
EJ14DATA	KBN4TF0.	04-121	434	I	EJ14DAT	B16/E4	
EJ14DATA	CRFAB.X X	04-131	624	I	EJ14DATA	B9/D1	
EJ14DATC	CRFAB.X X	04-131	734	I	EJ14DATC	B9/D1	
EJ14DATC	KBN4TF1.	04-143	434	I	EJ14DAT	B16/F4	
EJ15DATA	KBN4TF0.	04-121	433	I	EJ15DAT	B16/E4	
EJ15DATA	CRFAB.X X	04-131	632	I	EJ15DATA	B9/D1	
EJ15DATC	CRFAB.X X	04-131	733	I	EJ15DATC	B9/D1	
EJ15DATC	KBN4TF1.	04-143	433	I	EJ15DAT	B16/F4	
EJ16DATA	KBN4TF0.	04-121	424	I	EJ16DAT	B16/E4	
EJ16DATA	CRFAB.X X	04-131	621	I	EJ16DATA	B9/D1	
EJ16DATC	CRFAB.X X	04-131	724	I	EJ16DATC	B9/D1	
EJ16DATC	KBN4TF1.	04-143	424	I	EJ16DAT	B16/F4	
EJ17DATA	KBN4TF0.	04-121	423	I	EJ17DAT	B16/E4	
EJ17DATA	CRFAB.X X	04-131	622	I	EJ17DATA	B9/D1	
EJ17DATC	CRFAB.X X	04-131	723	I	EJ17DATC	B9/D1	
EJ17DATC	KBN4TF1.	04-143	423	I	EJ17DAT	B16/F4	
EJ18DATA	KBN4TF0.	04-121	421	I	EJ18DAT	B16/E4	
EJ18DATA	CRFAB.X X	04-131	618	I	EJ18DATA	B9/D1	
EJ18DATC	CRFAB.X X	04-131	722	I	EJ18DATC	B9/D1	
EJ18DATC	KBN4TF1.	04-143	421	I	EJ18DAT	B16/F4	
EJ19DATA	KBN4TF0.	04-121	420	I	EJ19DAT	B16/E4	
EJ19DATA	CRFAB.X X	04-131	619	I	EJ19DATA	B9/D1	
EJ19DATC	CRFAB.X X	04-131	720	I	EJ19DATC	B9/D1	
EJ19DATC	KBN4TF1.	04-143	420	I	EJ19DAT	B16/F4	
EJ1DATA	KBN4TF0.	04-121	455	I	EJ1DAT	B16/E4	
EJ1DATA	CRFAB.X X	04-131	656	I	EJ1DATA	B9/D1	
EJ1DATC	CRFAB.X X	04-131	755	I	EJ1DATC	B9/D1	
EJ1DATC	KBN4TF1.	04-143	455	I	EJ1DAT	B16/F4	
EJ20DATA	KBN4TF0.	04-121	418	I	EJ20DAT	B16/E4	
EJ20DATA	CRFAB.X X	04-131	617	I	EJ20DATA	B9/D1	
EJ20DATC	CRFAB.X X	04-131	718	I	EJ20DATC	B9/D1	
EJ20DATC	KBN4TF1.	04-143	418	I	EJ20DAT	B16/F4	
EJ21DATA	KBN4TF0.	04-121	417	I	EJ21DAT	B16/E4	
EJ21DATA	CRFAB.X X	04-131	615	I	EJ21DATA	B9/D1	
EJ21DATC	CRFAB.X X	04-131	717	I	EJ21DATC	B9/D1	
EJ21DATC	KBN4TF1.	04-143	417	I	EJ21DAT	B16/F4	
EJ22DATA	KBN4TF0.	04-121	415	I	EJ22DAT	B16/E4	
EJ22DATA	CRFAB.X X	04-131	614	I	EJ22DATA	B9/D1	
EJ22DATC	CRFAB.X X	04-131	715	I	EJ22DATC	B9/D1	
EJ22DATC	KBN4TF1.	04-143	415	I	EJ22DAT	B16/F4	
EJ23DATA	KBN4TF0.	04-121	414	I	EJ23DAT	B16/E4	
EJ23DATA	CRFAB.X X	04-131	613	I	EJ23DATA	B9/D1	
EJ23DATC	CRFAB.X X	04-131	714	I	EJ23DATC	B9/D1	
EJ23DATC	KBN4TF1.	04-143	414	I	EJ23DAT	B16/F4	
EJ24DATA	KBN4TF0.	04-121	411	I	EJ24DAT	B16/E4	
EJ24DATA	CRFAB.X X	04-131	610	I	EJ24DATA	B9/D1	
EJ24DATC	CRFAB.X X	04-131	712	I	EJ24DATC	B9/D1	

12 LEAD INDEX (CONTINUED)							
LD SIG	FD SIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
EJ24DATC	KBN4TF1.	04-143	411	I	EJ24DAT	B16/F4	
EJ25DATA	KBN4TF0.	04-121	410	I	EJ25DAT	B16/E4	
EJ25DATA	CRFAB.X X	04-131	609	I	EJ25DATA	B9/D1	
EJ25DATC	CRFAB.X X	04-131	710	I	EJ25DATC	B9/D1	
EJ25DATC	KBN4TF1.	04-143	410	I	EJ25DAT	B16/F4	
EJ26DATA	KBN4TF0.	04-121	408	I	EJ26DAT	B16/E4	
EJ26DATA	CRFAB.X X	04-131	612	I	EJ26DATA	B9/D1	
EJ26DATC	CRFAB.X X	04-131	708	I	EJ26DATC	B9/D1	
EJ26DATC	KBN4TF1.	04-143	408	I	EJ26DAT	B16/F4	
EJ27DATA	KBN4TF0.	04-121	407	I	EJ27DAT	B16/E4	
EJ27DATA	CRFAB.X X	04-131	611	I	EJ27DATA	B9/D1	
EJ27DATC	CRFAB.X X	04-131	707	I	EJ27DATC	B9/D1	
EJ27DATC	KBN4TF1.	04-143	407	I	EJ27DAT	B16/F4	
EJ28DATA	KBN4TF0.	04-121	405	I	EJ28DAT	B16/E4	
EJ28DATA	CRFAB.X X	04-131	608	I	EJ28DATA	B9/D1	
EJ28DATC	CRFAB.X X	04-131	706	I	EJ28DATC	B9/D1	
EJ28DATC	KBN4TF1.	04-143	405	I	EJ28DAT	B16/F4	
EJ29DATA	KBN4TF0.	04-121	404	I	EJ29DAT	B16/E4	
EJ29DATA	CRFAB.X X	04-131	605	I	EJ29DATA	B9/D1	
EJ29DATC	CRFAB.X X	04-131	704	I	EJ29DATC	B9/D1	
EJ29DATC	KBN4TF1.	04-143	404	I	EJ29DAT	B16/F4	
EJ2DATA	KBN4TF0.	04-121	453	I	EJ2DAT	B16/E4	
EJ2DATA	CRFAB.X X	04-131	653	I	EJ2DATA	B9/D1	
EJ2DATC	CRFAB.X X	04-131	754	I	EJ2DATC	B9/D1	
EJ2DATC	KBN4TF1.	04-143	453	I	EJ2DAT	B16/F4	
EJ30DATA	KBN4TF0.	04-121	402	I	EJ30DAT	B16/E4	
EJ30DATA							

13 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
EJ7DATA	CRFAB.X	X	04-131	644	I	EJ7DATA	B9/D1
EJ7DATC	CRFAB.X	X	04-131	746	I	EJ7DATC	B9/D1
EJ7DATC	KBN4TF1.		04-143	446	I	EJ7DAT	B16/F4
EJ8DATA	KBN4TFO.		04-121	443	I	EJ8DAT	B16/B4
EJ8DATA	CRFAB.X	X	04-131	642	I	EJ8DATA	B9/D1
EJ8DATC	CRFAB.X	X	04-131	744	I	EJ8DATC	B9/D1
EJ8DATC	KBN4TF1.		04-143	443	I	EJ8DAT	B16/F4
EJ9DATA	KBN4TFO.		04-121	442	I	EJ9DAT	B16/B4
EJ9DATA	CRFAB.X	X	04-131	640	I	EJ9DATA	B9/D1
EJ9DATC	CRFAB.X	X	04-131	742	I	EJ9DATC	B9/D1
EJ9DATC	KBN4TF1.		04-143	442	I	EJ9DAT	B16/F4
EJX65C	CRFAB.T	T	04-131	323	I	EJX65C	B5/D3 *
EJX65C0	KBN4TFO.		04-121	323	I	EJX65C	B5/D0 *
EJX65C1	KBN4TF1.		04-143	323	I	EJX65C	B5/D2 *
EJX65C2	KBN2TF1.		04-173	523	I	EJX65C	B5/D7 *
EJX65C3	KBN2TFO.		04-163	523	I	EJX65C	B5/D8 *
EJX65T	CRFAB.T	T	04-131	224	I	EJX65T	B5/D3 *
EJX65T0	KBN4TFO.		04-121	224	I	EJX65T	B5/D0 *
EJX65T1	KBN4TF1.		04-143	224	I	EJX65T	B5/D2 *
EJX65T2	KBN2TF1.		04-173	424	I	EJX65T	B5/D7 *
EJX65T3	KBN2TFO.		04-163	424	I	EJX65T	B5/D8 *
EJXSYNC	CRFAB.T	T	04-131	322	I	EJXSYNC	B5/D3 *
EJXSYNC0	KBN4TFO.		04-121	322	I	EJXSYNC	B5/D0 *
EJXSYNC1	KBN4TF1.		04-143	322	I	EJXSYNC	B5/D2 *
EJXSYNC2	KBN2TF1.		04-173	522	I	EJXSYNC	B5/D7 *
EJXSYNC3	KBN2TFO.		04-163	522	I	EJXSYNC	B5/D8 *
EJXSYNT	CRFAB.T	T	04-131	223	I	EJXSYNT	B5/D3 *
EJXSYNT0	KBN4TFO.		04-121	223	I	EJXSYNT	B5/D0 *
EJXSYNT1	KBN4TF1.		04-143	223	I	EJXSYNT	B5/D2 *
EJXSYNT2	KBN2TF1.		04-173	423	I	EJXSYNT	B5/D7 *
EJXSYNT3	KBN2TFO.		04-163	423	I	EJXSYNT	B5/D8 *
ESR65C	SUB.		04-112	117	I	ESR65C	B4/E1 *
ESR65T	SUB.		04-112	018	I	ESR65T	B4/E1 *
ESRSYNCC	SUB.		04-112	116	I	ESRSYNCC	B4/E1 *
ESRSYNCT	SUB.		04-112	017	I	ESRSYNCT	B4/E1 *
ESSCADDCC	SUB.		04-112	109	I	ESSCADDCC	B1/D2 *
ESSCADDT	SUB.		04-112	010	I	ESSCADDT	B1/D2 *
ESSCDATC	SUB.		04-112	110	I	ESSCDATC	B1/D2 *
ESSCDATT	SUB.		04-112	011	I	ESSCDATT	B1/D2 *
FNFALM	CD.		04-008	045	I	ZIN	B12/C1 *
FNFTEST	CD.		04-008	046	O	TSTB	B12/C1 *
FTEST	CD.		04-008	146	O	TSTA	B12/C1 *
GRD	01-016		01-016	1B0	G		B17/B6 *
GRD	GRD1		01-016-1B0	1	G	GRD1	B17/B6
GRD	GRD1		01-016-1B0	2	G	GRD2	B17/B6
GRD	GRD1		01-016-1B0	3	G	GRD3	B17/B6
GRD	GRD1		01-016-1B0	4	G	GRD4	B17/B6
GRD	01-037		01-037	0B0	G		B17/B6 *
GRD	GRD2		01-037-0B0	1	G	GRD1	B17/B6
GRD	GRD2		01-037-0B0	2	G	GRD2	B17/B6
GRD	GRD2		01-037-0B0	3	G	GRD3	B17/B6
GRD	GRD2		01-037-0B0	4	G	GRD4	B17/B6
GRD	01-061		01-061	0B0	G		B17/B7 *
GRD	GRD3		01-061-0B0	1	G	GRD1	B17/B7
GRD	GRD3		01-061-0B0	2	G	GRD2	B17/B7
GRD	GRD3		01-061-0B0	3	G	GRD3	B17/B7
GRD	GRD3		01-061-0B0	4	G	GRD4	B17/B7
GRD	01-085		01-085	0B0	G		B17/B7 *
GRD	GRD4		01-085-0B0	1	G	GRD1	B17/B7

14 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
GRD	GRD4		01-085-0B0	2	G	GRD2	B17/B7
GRD	GRD4		01-085-0B0	3	G	GRD3	B17/B7
GRD	GRD4		01-085-0B0	4	G	GRD4	B17/B7
GRD	01-104		01-104	3B0	G		B17/B8 *
GRD	GRD5		01-104-3B0	1	G	GRD1	B17/B8
GRD	GRD5		01-104-3B0	2	G	GRD2	B17/B8
GRD	GRD5		01-104-3B0	3	G	GRD3	B17/B8
GRD	GRD5		01-104-3B0	4	G	GRD4	B17/B8
GRD	01-130		01-130	0B0	G		B17/B8 *
GRD	GRD6		01-130-0B0	1	G	GRD1	B17/B8
GRD	GRD6		01-130-0B0	2	G	GRD2	B17/B8
GRD	GRD6		01-130-0B0	3	G	GRD3	B17/B8
GRD	GRD6		01-130-0B0	4	G	GRD4	B17/B8
GRD	01-152		01-152	0B0	G		B17/B9 *
GRD	GRD7		01-152-0B0	1	G	GRD1	B17/B9
GRD	GRD7		01-152-0B0	2	G	GRD2	B17/B9
GRD	GRD7		01-152-0B0	3	G	GRD3	B17/B9
GRD	GRD7		01-152-0B0	4	G	GRD4	B17/B9
GRD	01-173		01-173	0B0	G		B17/B9 *
GRD	GRD8		01-173-0B0	1	G	GRD1	B17/B9
GRD	GRD8		01-173-0B0	2	G	GRD2	B17/B9
GRD	GRD8		01-173-0B0	3	G	GRD3	B17/B9
GRD	GRD8		01-173-0B0	4	G	GRD4	B17/B9
GRD	P0		04-016	000	G	GRD0	B12/D3
GRD	P0		04-016	001	G	GRD1	B12/D3
GRD	P0		04-016	032	P	BOUT-0	B12/D3
GRD	P0		04-016	033	P	BOUT-1	B12/D3
GRD	P0		04-016	034	P	BOUT-2	B12/D3
GRD	P0		04-016	035	P	BOUT-3	B12/D3
GRD	P0		04-016	036	P	BOUT-4	B12/D3
GRD	P0		04-016	037	P	BOUT-5	B12/D3
GRD	P0		04-016	038	P	BOUT-6	B12/D3
GRD	P0		04-016	039	P	BOUT-7	B12/D3
GRD	P0		04-016	040	P	BOUT-8	B12/D3
GRD	P0		04-016	041	P	BOUT-9	B12/D3
GRD	P0		04-016	042	P	BOUT-10	B12/D3
GRD	P0		04-016	043	P	BOUT-11	B12/D3
GRD	P0		04-016	100	G	GRD2	B12/D3
GRD	P0		04-016	101	G	GRD3	B12/D3
GRD	P0		04-016	119	I	S-	B12/D3
GRD	P0		04-016	132	P	BOUT-12	B12/D3
GRD	P0		04-016	133	P	BOUT-13	B12/D3
GRD	P0		04-016	134	P	BOUT-14	B12/D3
GRD	P0		04-016	135	P	BOUT-15	B12/D3
GRD	P0		04-016	136	P	BOUT-16	B12/D3
GRD	P0		04-016	137	P	BOUT-17	B12/D3
GRD	P0		04-016	138	P	BOUT-18	B12/D3
GRD	P0		04-016	139	P	BOUT-19	B12/D3
GRD	P0		04-016	140	P	BOUT-20	B12/D3
GRD	P0		04-016	141	P	BOUT-21	B12/D3
GRD	P0		04-016	142	P	BOUT-22	B12/D3
GRD	P0		04-016	143	P	BOUT-23	B12/D3
GRD	P0		04-016	200	G	GRD4	B12/D3
GRD	P0		04-016	201	G	GRD5	B12/D3
GRD	P0		04-016	232	P	BOUT-24	B12/D3
GRD	P0		04-016	233	P	BOUT-25	B12/D3
GRD	P0		04-016	234	P	BOUT-26	B12/D3
GRD	P0		04-016	235	P	BOUT-27	B12/D3
GRD	P0		04-016	236	P	BOUT-28	B12/D3
GRD	P0		04-016	237	P	BOUT-29	B12/D3
GRD	P0		04-016	238	P	BOUT-30	B12/D3
GRD	P0		04-016	239	P	BOUT-31	B12/D3
GRD	P0		04-016	240	P	BOUT-32	B12/D3
GRD	P0		04-016	241	P	BOUT-33	B12/D3
GRD	P0		04-016	242	P	BOUT-34	B12/D3
GRD	P0		04-016	243	P	BOUT-35	B12/D3
GRD	P0		04-016	300	G	GRD6	B12/D3
GRD	P0		04-016	301	G	GRD7	B12/D3
GRD	P0		04-016	332	P	BOUT-36	B12/D3
GRD	P0		04-016	333	P	BOUT-37	B12/D3
GRD	P0		04-016	334	P	BOUT-38	B12/D3
GRD	P0		04-016	335	P	BOUT-39	B12/D3
GRD	P0		04-016	336	P	BOUT-40	B12/D3
GRD	P0		04-016	337	P	BOUT-41	B12/D3
GRD	P0		04-016	338	P	BOUT-42	B12/D3
GRD	P0		04-016	339	P	BOUT-43	B12/D3
GRD	P0		04-016	340	P	BOUT-44	B12/D3
GRD	P0		04-016	341	P	BOUT-45	B12/D3
GRD	P0		04-016	342	P	BOUT-46	B12/D3
GRD	P0		04-016	343	P	BOUT-47	B12/D3
GRD	P1		04-024	000	G	GRD0	B12/E3
GRD	P1		04-024	001	G	GRD1	B12/E3
GRD	P1		04-024	019	I	SC+	B12/E3
GRD	P1		04-024	045	G	BOUT+8	B12/E3
GRD	P1		04-024	046	G	BOUT+9	B12/E3
GRD	P1		04-024	047	G	BOUT+10	B12/E3
GRD	P1		04-024	048	G	BOUT+11	B12/E3
GRD	P1		04-024	049	G	BOUT+12	B12/E3
GRD	P1		04-024	050	G	BOUT+13	B12/E3
GRD	P1		04-024	051	G	BOUT+14	B12/E3
GRD	P1		04-024	052	G	BOUT+15	B12/E3
GRD	P1		04-024	053	G	BOUT+16	B12/E3
GRD	P1		04-024	054	G	BOUT+17	B12/E3
GRD	P1		04-024	055	G	BOUT+18	B12/E3
GRD	P1		04-024	056	G	BOUT+19	B12/E3

15 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
GRD	P1		04-024	100	G	GRD2	B12/E3
GRD	P1		04-024	101	G	GRD3	B12/E3
GRD	P1		04-024	145	G	BOUT+20	B12/E3
GRD	P1		04-024	146	G	BOUT+21	B12/E3
GRD	P1		04-024	147	G	BOUT+22	B12/E3
GRD	P1		04-024	148	G	BOUT+23	B12/E3
GRD	P1		04-024	149	G	BOUT+24	B12/E3
GRD	P1		04-024	150	G	BOUT+25	B12/E3
GRD	P1		04-024	151	G	BOUT+26	B12/E3
GRD	P1		04-024	152	G	BOUT+27	B12/E3
GRD	P1		04-024	153	G	BOUT+28	B12/E3
GRD	P1		04-024	154	G	BOUT+29	B12/E3
GRD	P1		04-024	155	G	BOUT+30	B12/E3
GRD	P1		04-024	156	G	BOUT+31	B12/E3
GRD	P1		04-024	200	G	GRD4	B12/E3
GRD	P1		04-024	201	G	GRD5	B12/E3
GRD	P1		04-024	245	G	BOUT+32	B12/E3
GRD	P1		04-024	246	G	BOUT+33	B12/E3
GRD	P1		04-024	247	G	BOUT+34	B12/E3
GRD	P1		04-024	248	G	BOUT+35	B12/E3
GRD	P1		04-024	249	G	BOUT+36	B12/E3
GRD	P1		04-024	250	G	BOUT+37	B12/E3
GRD	P1		04-024	251	G	BOUT+38	B12/E3
GRD	P1		04-024	252	G	BOUT+39	B12/E3
GRD	P1		04-024	253	G	BOUT+40	B12/E3
GRD	P1		04-024	254	G	BOUT+41	B12/E3
GRD	P1		04-024	255	G	BOUT+42	B12/E3
GRD	P1		04-024	256	G	BOUT+43	B12/E3
GRD</							

16 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLC XT
GRD	QLI7.	04-032		347	G	GRD	B13/F7
GRD	FO15.	04-032A		003	G	GRD	B13/F8
GRD	FO15.	04-032A		005	G	GRD	B13/F8
GRD	FO15.	04-032A		009	G	GRD	B13/F8
GRD	FO15.	04-032A		102	G	GRD	B13/F8
GRD	FO15.	04-032A		105	G	GRD	B13/F8
GRD	FO15.	04-032A		109	G	GRD	B13/F8
GRD	FO14.	04-032B		003	G	GRD	B13/B8
GRD	FO14.	04-032B		005	G	GRD	B13/B8
GRD	FO14.	04-032B		009	G	GRD	B13/B8
GRD	FO14.	04-032B		102	G	GRD	B13/B8
GRD	FO14.	04-032B		105	G	GRD	B13/B8
GRD	FO14.	04-032B		109	G	GRD	B13/B8
GRD	QLI6.	04-040		006	G	GRD	B13/D7
GRD	QLI6.	04-040		009	G	GRD	B13/D7
GRD	QLI6.	04-040		016	G	GRD	B13/D7
GRD	QLI6.	04-040		018	G	GRD	B13/D7
GRD	QLI6.	04-040		022	G	GRD	B13/D7
GRD	QLI6.	04-040		034	G	GRD	B13/D7
GRD	QLI6.	04-040		048	G	GRD	B13/D7
GRD	QLI6.	04-040		050	G	GRD	B13/D7
GRD	QLI6.	04-040		054	G	GRD	B13/D7
GRD	QLI6.	04-040		103	G	GRD	B13/D7
GRD	QLI6.	04-040		106	G	GRD	B13/D7
GRD	QLI6.	04-040		109	G	GRD	B13/D7
GRD	QLI6.	04-040		115	G	GRD	B13/D7
GRD	QLI6.	04-040		118	G	GRD	B13/D7
GRD	QLI6.	04-040		122	G	GRD	B13/D7
GRD	QLI6.	04-040		134	G	GRD	B13/D7
GRD	QLI6.	04-040		147	G	GRD	B13/D7
GRD	QLI6.	04-040		150	G	GRD	B13/D7
GRD	QLI6.	04-040		154	G	GRD	B13/D7
GRD	QLI6.	04-040		154	G	GRD	B13/D7
GRD	QLI6.	04-040		209	G	GRD	B13/D7
GRD	QLI6.	04-040		218	G	GRD	B13/D7
GRD	QLI6.	04-040		220	I	BRDSEL1	B1/F8
GRD	QLI6.	04-040		238	G	GRD	B13/D7
GRD	QLI6.	04-040		244	G	GRD	B13/D7
GRD	QLI6.	04-040		245	G	GRD	B13/D7
GRD	QLI6.	04-040		247	G	GRD	B13/D7
GRD	QLI6.	04-040		309	G	GRD	B13/D7
GRD	QLI6.	04-040		314	I	CXQXACP	B1/F8
GRD	QLI6.	04-040		318	G	GRD	B13/D7
GRD	QLI6.	04-040		319	I	BRDSEL2	B1/F8
GRD	QLI6.	04-040		338	G	GRD	B13/D7
GRD	QLI6.	04-040		344	G	GRD	B13/D7
GRD	QLI6.	04-040		347	G	GRD	B13/D7
GRD	FO13.	04-040A		003	G	GRD	B13/D8
GRD	FO13.	04-040A		005	G	GRD	B13/D8
GRD	FO13.	04-040A		009	G	GRD	B13/D8
GRD	FO13.	04-040A		102	G	GRD	B13/D8
GRD	FO13.	04-040A		105	G	GRD	B13/D8
GRD	FO13.	04-040A		109	G	GRD	B13/D8
GRD	FO12.	04-040B		003	G	GRD	B13/C8
GRD	FO12.	04-040B		005	G	GRD	B13/C8
GRD	FO12.	04-040B		009	G	GRD	B13/C8
GRD	FO12.	04-040B		102	G	GRD	B13/C8
GRD	FO12.	04-040B		105	G	GRD	B13/C8
GRD	FO12.	04-040B		109	G	GRD	B13/C8
GRD	QLI5.	04-048		006	G	GRD	B13/H4
GRD	QLI5.	04-048		009	G	GRD	B13/H4
GRD	QLI5.	04-048		016	G	GRD	B13/H4
GRD	QLI5.	04-048		018	G	GRD	B13/H4
GRD	QLI5.	04-048		022	G	GRD	B13/H4
GRD	QLI5.	04-048		034	G	GRD	B13/H4
GRD	QLI5.	04-048		048	G	GRD	B13/H4
GRD	QLI5.	04-048		050	G	GRD	B13/H4
GRD	QLI5.	04-048		054	G	GRD	B13/H4
GRD	QLI5.	04-048		103	G	GRD	B13/H4
GRD	QLI5.	04-048		106	G	GRD	B13/H4
GRD	QLI5.	04-048		109	G	GRD	B13/H4
GRD	QLI5.	04-048		115	G	GRD	B13/H4
GRD	QLI5.	04-048		118	G	GRD	B13/H4
GRD	QLI5.	04-048		122	G	GRD	B13/H4
GRD	QLI5.	04-048		134	G	GRD	B13/H4
GRD	QLI5.	04-048		147	G	GRD	B13/H4
GRD	QLI5.	04-048		150	G	GRD	B13/H4
GRD	QLI5.	04-048		154	G	GRD	B13/H4
GRD	QLI5.	04-048		209	G	GRD	B13/H4
GRD	QLI5.	04-048		218	G	GRD	B13/H4
GRD	QLI5.	04-048		238	G	GRD	B13/H4
GRD	QLI5.	04-048		244	G	GRD	B13/H4
GRD	QLI5.	04-048		245	G	GRD	B13/H4
GRD	QLI5.	04-048		247	G	GRD	B13/H4
GRD	QLI5.	04-048		309	G	GRD	B13/H4
GRD	QLI5.	04-048		314	I	CXQXACP	B1/F7
GRD	QLI5.	04-048		318	G	GRD	B13/H4
GRD	QLI5.	04-048		319	I	BRDSEL2	B1/F7
GRD	QLI5.	04-048		320	I	BRDSEL0	B1/F7
GRD	QLI5.	04-048		338	G	GRD	B13/H4
GRD	QLI5.	04-048		344	G	GRD	B13/H4
GRD	QLI5.	04-048		347	G	GRD	B13/H4
GRD	FO11.	04-048A		003	G	GRD	B13/H6
GRD	FO11.	04-048A		005	G	GRD	B13/H6
GRD	FO11.	04-048A		009	G	GRD	B13/H6
GRD	FO11.	04-048A		102	G	GRD	B13/H6

17 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLC XT
GRD	FO11.	04-048A		105	G	GRD	B13/H6
GRD	FO11.	04-048A		109	G	GRD	B13/H6
GRD	FO10.	04-048B		003	G	GRD	B13/G6
GRD	FO10.	04-048B		005	G	GRD	B13/G6
GRD	FO10.	04-048B		009	G	GRD	B13/G6
GRD	FO10.	04-048B		102	G	GRD	B13/G6
GRD	FO10.	04-048B		105	G	GRD	B13/G6
GRD	FO10.	04-048B		109	G	GRD	B13/G6
GRD	QLI4.	04-056		006	G	GRD	B13/F4
GRD	QLI4.	04-056		009	G	GRD	B13/F4
GRD	QLI4.	04-056		016	G	GRD	B13/F4
GRD	QLI4.	04-056		018	G	GRD	B13/F4
GRD	QLI4.	04-056		022	G	GRD	B13/F4
GRD	QLI4.	04-056		034	G	GRD	B13/F4
GRD	QLI4.	04-056		048	G	GRD	B13/F4
GRD	QLI4.	04-056		050	G	GRD	B13/F4
GRD	QLI4.	04-056		054	G	GRD	B13/F4
GRD	QLI4.	04-056		103	G	GRD	B13/F4
GRD	QLI4.	04-056		106	G	GRD	B13/F4
GRD	QLI4.	04-056		109	G	GRD	B13/F4
GRD	QLI4.	04-056		115	G	GRD	B13/F4
GRD	QLI4.	04-056		118	G	GRD	B13/F4
GRD	QLI4.	04-056		122	G	GRD	B13/F4
GRD	QLI4.	04-056		134	G	GRD	B13/F4
GRD	QLI4.	04-056		147	G	GRD	B13/F4
GRD	QLI4.	04-056		150	G	GRD	B13/F4
GRD	QLI4.	04-056		154	G	GRD	B13/F4
GRD	QLI4.	04-056		209	G	GRD	B13/F4
GRD	QLI4.	04-056		218	G	GRD	B13/F4
GRD	QLI4.	04-056		238	G	GRD	B13/F4
GRD	QLI4.	04-056		244	G	GRD	B13/F4
GRD	QLI4.	04-056		245	G	GRD	B13/F4
GRD	QLI4.	04-056		247	G	GRD	B13/F4
GRD	QLI4.	04-056		309	G	GRD	B13/F4
GRD	QLI4.	04-056		314	I	CXQXACP	B1/F6
GRD	QLI4.	04-056		318	G	GRD	B13/F4
GRD	QLI4.	04-056		319	I	BRDSEL2	B1/F6
GRD	QLI4.	04-056		338	G	GRD	B13/F4
GRD	QLI4.	04-056		344	G	GRD	B13/F4
GRD	QLI4.	04-056		347	G	GRD	B13/F4
GRD	FO9.	04-056A		003	G	GRD	B13/F5
GRD	FO9.	04-056A		005	G	GRD	B13/F5
GRD	FO9.	04-056A		009	G	GRD	B13/F5
GRD	FO9.	04-056A		102	G	GRD	B13/F5
GRD	FO9.	04-056A		105	G	GRD	B13/F5
GRD	FO9.	04-056A		109	G	GRD	B13/F5
GRD	FO8.	04-056B		003	G	GRD	B13/B5
GRD	FO8.	04-056B		005	G	GRD	B13/B5
GRD	FO8.	04-056B		009	G	GRD	B13/B5
GRD	FO8.	04-056B		102	G	GRD	B13/B5
GRD	FO8.	04-056B		105	G	GRD	B13/B5
GRD	FO8.	04-056B		109	G	GRD	B13/B5
GRD	QLI3.	04-064		006	G	GRD	B13/D4
GRD	QLI3.	04-064		009	G	GRD	B13/D4
GRD	QLI3.	04-064		016	G	GRD	B13/D4
GRD	QLI3.	04-064		018	G	GRD	B13/D4
GRD	QLI3.	04-064		022	G	GRD	B13/D4
GRD	QLI3.	04-064		034	G	GRD	B13/D4
GRD	QLI3.	04-064		048	G	GRD	B13/D4
GRD	QLI3.	04-064		050	G	GRD	B13/D4
GRD	QLI3.	04-064		054	G	GRD	B13/D4
GRD	QLI3.	04-064		103	G	GRD	B13/D4
GRD	QLI3.	04-064		106	G	GRD	B13/D4
GRD	QLI3.	04-064		109	G	GRD	B13/D4
GRD	QLI3.	04-064		115	G	GRD	B13/D4
GRD	QLI3.	04-064		118	G	GRD	B13/D4
GRD	QLI3.	04-064		122	G	GRD	B13/D4
GRD	QLI3.	04-064		134	G	GRD	B13/D4
GRD	QLI3.	04-064		147	G	GRD	B13/D4
GRD	QLI3.	04-064		150	G	GRD	B13/D4
GRD	QLI3.	04-064		154	G	GRD	B13/D4
GRD	QLI3.	04-064		209	G	GRD	B13/D4
GRD	QLI3.	04-064		218	G	GRD	B13/D4
GRD	QLI3.	04-064		220	I	BRDSEL1	B1/F5
GRD	QLI3.	04-064		238	G	GRD	B13/D4
GRD	QLI3.	04-064		244	G	GRD	B13/D4
GRD	QLI3.	04-064		245	G	GRD	B13/D4
GRD	QLI3.	04-064		247	G	GRD	B13/D4
GRD	QLI3.	04-064		344	G	GRD	B13/D4
GRD	QLI3.	04-064		344	G	GRD	B13/D4
GRD	QLI3.	04-064		344	G	GRD	B13/D4
GRD	FO7.	04-064A		003	G	GRD	B13/D5
GRD	FO7.	04-064A		005	G	GRD	B13/D5
GRD	FO7.	04-064A		009	G	GRD	B13/D5
GRD	FO7.	04-064A		102	G	GRD	B13/D5
GRD	FO7.	04-064A		105	G	GRD	B13/D5
GRD	FO7.	04-064A		109	G	GRD	B13/D5
GRD	FO6.	04-064B		003	G	GRD	B13/C5
GRD	FO6.	04-064B		005	G	GRD	B13/C5
GRD	FO6.	04-064B		009	G	GRD	B13/C5
GRD	FO6.	04-064B		102	G	GRD	B13/C5

19 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
GRD	QLI1.	04-080	338	G	GRD	B13/F1	
GRD	QLI1.	04-080	344	G	GRD	B13/F1	
GRD	QLI1.	04-080	347	G	GRD	B13/F1	
GRD	FO3.	04-080A	003	G	GRD	B13/F2	
GRD	FO3.	04-080A	005	G	GRD	B13/F2	
GRD	FO3.	04-080A	009	G	GRD	B13/F2	
GRD	FO3.	04-080A	102	G	GRD	B13/F2	
GRD	FO3.	04-080A	105	G	GRD	B13/F2	
GRD	FO3.	04-080A	109	G	GRD	B13/F2	
GRD	FO2.	04-080B	003	G	GRD	B13/E2	
GRD	FO2.	04-080B	005	G	GRD	B13/E2	
GRD	FO2.	04-080B	009	G	GRD	B13/E2	
GRD	FO2.	04-080B	102	G	GRD	B13/E2	
GRD	FO2.	04-080B	105	G	GRD	B13/E2	
GRD	FO2.	04-080B	109	G	GRD	B13/E2	
GRD	QLIO.	04-088	006	G	GRD	B13/D1	
GRD	QLIO.	04-088	009	G	GRD	B13/D1	
GRD	QLIO.	04-088	016	G	GRD	B13/D1	
GRD	QLIO.	04-088	018	G	GRD	B13/D1	
GRD	QLIO.	04-088	022	G	GRD	B13/D1	
GRD	QLIO.	04-088	034	G	GRD	B13/D1	
GRD	QLIO.	04-088	048	G	GRD	B13/D1	
GRD	QLIO.	04-088	050	G	GRD	B13/D1	
GRD	QLIO.	04-088	054	G	GRD	B13/D1	
GRD	QLIO.	04-088	103	G	GRD	B13/D1	
GRD	QLIO.	04-088	106	G	GRD	B13/D1	
GRD	QLIO.	04-088	109	G	GRD	B13/D1	
GRD	QLIO.	04-088	115	G	GRD	B13/D1	
GRD	QLIO.	04-088	118	G	GRD	B13/D1	
GRD	QLIO.	04-088	122	G	GRD	B13/D1	
GRD	QLIO.	04-088	134	G	GRD	B13/D1	
GRD	QLIO.	04-088	147	G	GRD	B13/D1	
GRD	QLIO.	04-088	150	G	GRD	B13/D1	
GRD	QLIO.	04-088	154	G	GRD	B13/D1	
GRD	QLIO.	04-088	209	G	GRD	B13/D1	
GRD	QLIO.	04-088	218	G	GRD	B13/D1	
GRD	QLIO.	04-088	238	G	GRD	B13/D1	
GRD	QLIO.	04-088	244	G	GRD	B13/D1	
GRD	QLIO.	04-088	245	G	GRD	B13/D1	
GRD	QLIO.	04-088	247	G	GRD	B13/D1	
GRD	QLIO.	04-088	309	G	GRD	B13/D1	
GRD	QLIO.	04-088	314	I	CXQXACP	B1/F2	
GRD	QLIO.	04-088	318	G	GRD	B13/D1	
GRD	QLIO.	04-088	338	G	GRD	B13/D1	
GRD	QLIO.	04-088	344	G	GRD	B13/D1	
GRD	QLIO.	04-088	347	G	GRD	B13/D1	
GRD	FO1.	04-088A	003	G	GRD	B13/D2	
GRD	FO1.	04-088A	005	G	GRD	B13/D2	
GRD	FO1.	04-088A	009	G	GRD	B13/D2	
GRD	FO1.	04-088A	102	G	GRD	B13/D2	
GRD	FO1.	04-088A	105	G	GRD	B13/D2	
GRD	FO1.	04-088A	109	G	GRD	B13/D2	
GRD	FO0.	04-088B	003	G	GRD	B13/C2	
GRD	FO0.	04-088B	005	G	GRD	B13/C2	
GRD	FO0.	04-088B	009	G	GRD	B13/C2	
GRD	FO0.	04-088B	102	G	GRD	B13/C2	
GRD	FO0.	04-088B	105	G	GRD	B13/C2	
GRD	FO0.	04-088B	109	G	GRD	B13/C2	
GRD	P2	04-096	000	G	GRD0	B12/G3	
GRD	P2	04-096	001	G	GRD1	B12/G3	
GRD	P2	04-096	018	I	SA+	B12/G3	
GRD	P2	04-096	045	G	BOUT+8	B12/G3	
GRD	P2	04-096	046	G	BOUT+9	B12/G3	
GRD	P2	04-096	047	G	BOUT+10	B12/G3	
GRD	P2	04-096	048	G	BOUT+11	B12/G3	
GRD	P2	04-096	049	G	BOUT+12	B12/G3	
GRD	P2	04-096	050	G	BOUT+13	B12/G3	
GRD	P2	04-096	051	G	BOUT+14	B12/G3	
GRD	P2	04-096	052	G	BOUT+15	B12/G3	
GRD	P2	04-096	053	G	BOUT+16	B12/G3	
GRD	P2	04-096	054	G	BOUT+17	B12/G3	
GRD	P2	04-096	055	G	BOUT+18	B12/G3	
GRD	P2	04-096	056	G	BOUT+19	B12/G3	
GRD	P2	04-096	100	G	GRD2	B12/G3	
GRD	P2	04-096	101	G	GRD3	B12/G3	
GRD	P2	04-096	145	G	BOUT+20	B12/G3	
GRD	P2	04-096	146	G	BOUT+21	B12/G3	
GRD	P2	04-096	147	G	BOUT+22	B12/G3	
GRD	P2	04-096	148	G	BOUT+23	B12/G3	
GRD	P2	04-096	149	G	BOUT+24	B12/G3	
GRD	P2	04-096	150	G	BOUT+25	B12/G3	
GRD	P2	04-096	151	G	BOUT+26	B12/G3	
GRD	P2	04-096	152	G	BOUT+27	B12/G3	
GRD	P2	04-096	153	G	BOUT+28	B12/G3	
GRD	P2	04-096	154	G	BOUT+29	B12/G3	
GRD	P2	04-096	155	G	BOUT+30	B12/G3	
GRD	P2	04-096	156	G	BOUT+31	B12/G3	
GRD	P2	04-096	200	G	GRD4	B12/G3	
GRD	P2	04-096	201	G	GRD5	B12/G3	
GRD	P2	04-096	245	G	BOUT+32	B12/G3	
GRD	P2	04-096	246	G	BOUT+33	B12/G3	
GRD	P2	04-096	247	G	BOUT+34	B12/G3	
GRD	P2	04-096	248	G	BOUT+35	B12/G3	
GRD	P2	04-096	249	G	BOUT+36	B12/G3	
GRD	P2	04-096	250	G	BOUT+37	B12/G3	
GRD	P2	04-096	251	G	BOUT+38	B12/G3	
GRD	P2	04-096	252	G	BOUT+39	B12/G3	
GRD	P2	04-096	253	G	BOUT+40	B12/G3	
GRD	P2	04-096	254	G	BOUT+41	B12/G3	
GRD	P2	04-096	255	G	BOUT+42	B12/G3	
GRD	P2	04-096	256	G	BOUT+43	B12/G3	
GRD	P2	04-096	300	G	GRD6	B12/G3	
GRD	P2	04-096	301	G	GRD7	B12/G3	
GRD	P2	04-096	345	G	BOUT+44	B12/G3	
GRD	P2	04-096	346	G	BOUT+45	B12/G3	
GRD	P2	04-096	347	G	BOUT+46	B12/G3	
GRD	P2	04-096	348	G	BOUT+47	B12/G3	
GRD	P2	04-096	349	G	BOUT+48	B12/G3	
GRD	P2	04-096	350	G	BOUT+49	B12/G3	
GRD	P2	04-096	351	G	BOUT+50	B12/G3	
GRD	P2	04-096	352	G	BOUT+51	B12/G3	
GRD	P2	04-096	353	G	BOUT+52	B12/G3	
GRD	P2	04-096	354	G	BOUT+53	B12/G3	
GRD	P2	04-096	355	G	BOUT+54	B12/G3	
GRD	P2	04-096	356	G	BOUT+55	B12/G3	
GRD	P3	04-104	000	G	GRD0	B12/H3	
GRD	P3	04-104	001	G	GRD1	B12/H3	
GRD	P3	04-104	018	I	SA+	B12/H3	
GRD	P3	04-104	045	G	BOUT+8	B12/H3	
GRD	P3	04-104	046	G	BOUT+9	B12/H3	
GRD	P3	04-104	047	G	BOUT+10	B12/H3	
GRD	P3	04-104	048	G	BOUT+11	B12/H3	
GRD	P3	04-104	049	G	BOUT+12	B12/H3	
GRD	P3	04-104	050	G	BOUT+13	B12/H3	
GRD	P3	04-104	051	G	BOUT+14	B12/H3	
GRD	P3	04-104	052	G	BOUT+15	B12/H3	
GRD	P3	04-104	053	G	BOUT+16	B12/H3	
GRD	P3	04-104	054	G	BOUT+17	B12/H3	
GRD	P3	04-104	055	G	BOUT+18	B12/H3	
GRD	P3	04-104	056	G	BOUT+19	B12/H3	
GRD	P3	04-104	100	G	GRD2	B12/H3	
GRD	P3	04-104	101	G	GRD3	B12/H3	
GRD	P3	04-104	145	G	BOUT+20	B12/H3	
GRD	P3	04-104	146	G	BOUT+21	B12/H3	
GRD	P3	04-104	147	G	BOUT+22	B12/H3	
GRD	P3	04-104	148	G	BOUT+23	B12/H3	
GRD	P3	04-104	149	G	BOUT+24	B12/H3	
GRD	P3	04-104	150	G	BOUT+25	B12/H3	
GRD	P3	04-104	151	G	BOUT+26	B12/H3	
GRD	P3	04-104	152	G	BOUT+27	B12/H3	
GRD	P3	04-104	153	G	BOUT+28	B12/H3	
GRD	P3	04-104	154	G	BOUT+29	B12/H3	
GRD	P3	04-104	155	G	BOUT+30	B12/H3	
GRD	P3	04-104	156	G	BOUT+31	B12/H3	
GRD	P3	04-104	200	G	GRD4	B12/H3	
GRD	P3	04-104	201	G	GRD5	B12/H3	
GRD	P3	04-104	245	G	BOUT+32	B12/H3	
GRD	P3	04-104	246	G	BOUT+33	B12/H3	
GRD	P3	04-104	247	G	BOUT+34	B12/H3	
GRD	P3	04-104	248	G	BOUT+35	B12/H3	
GRD	P3	04-104	249	G	BOUT+36	B12/H3	
GRD	P3	04-104	250	G	BOUT+37	B12/H3	
GRD	P3	04-104	251	G	BOUT+38	B12/H3	
GRD	P3	04-104	252	G	BOUT+39	B12/H3	
GRD	P3	04-104	253	G	BOUT+40	B12/H3	
GRD	P3	04-104	254	G	BOUT+41	B12/H3	
GRD	P3	04-104	255	G	BOUT+42	B12/H3	
GRD	P3	04-104	256	G	BOUT+43	B12/H3	
GRD	P3	04-104	300	G	GRD6	B12/H3	
GRD	P3	04-104	301	G	GRD7	B12/H3	
GRD	P3	04-104	345	G	BOUT+44	B12/H3	
GRD	P3	04-104	346	G	BOUT+45	B12/H3	
GRD	P3	04-104	347	G	BOUT+46	B12/H3	
GRD	P3	04-104	348	G	BOUT+47	B12/H3	
GRD	P3	04-104	349	G	BOUT+48	B12/H3	
GRD	P3	04-104	350	G	BOUT+49	B12/H3	
GRD	P3	04-104	351	G	BOUT+50	B12/H3	
GRD	P3	04-104	352	G	BOUT+51	B12/H3	
GRD	P3	04-104	353	G	BOUT+52	B12/H3	
GRD	P3	04-104	354	G	BOUT+53	B12/H3	
GRD	P3	04-104	355	G	BOUT+54	B12/H3	
GRD	P3	04-104	356	G	BOUT+55	B12/H3	
GRD	SUB.	04-112	000	G	GRD	B12/G5	
GRD	SUB.	04-112	003	G	GRD	B12/G5	
GRD	SUB.	04-112	006	G	GRD	B12/G5	
GRD	SUB.	04-112	009	G	GRD	B12/G5	
GRD	SUB.	04-112	016	G	GRD	B12/G5	
GRD	SUB.	04-112	037	G	GRD	B12/G5	
GRD	SUB.	04-112	040	G	GRD	B12/G5	
GRD	SUB.	04-112	043	G	GRD	B12/G5	
GRD	SUB.	04-112	045	G	GRD	B12/G5	
GRD	SUB.	04-112	048	G	GRD	B12/G5	
GRD	SUB.	04-112	051	G	GRD	B12/G5	
GRD	SUB.	04-112	054	G	GRD	B12/G5	
GRD	SUB.	04-112	102	G	GRD	B12/G5	
GRD	SUB.	04-112	105	G	GRD	B12/G5	
GRD	SUB.	04-112	108	G	GRD	B12/G5	
GRD	SUB.	04-112	111	G	GRD	B12/G5	
GRD	SUB.	04-112	118	G	GRD	B12/G5	
GRD	SUB.	04-112	137	G	GRD	B12/G5	

20 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	ELI	EQL	TRMNO			





28 LEAD INDEX (CONTINUED)							
LD SIG	FD SIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT
GRD	KBN2TF1.	04-173	743	G	GRD	B12/F8	
GRD	KBN2TF1.	04-173	747	G	GRD	B12/F8	
GRD	KBN2TF1.	04-173	750	G	GRD	B12/F8	
GRD	KBN2TF1.	04-173	753	G	GRD	B12/F8	
GRD	07-016	07-016	157	G		B17/D6	*
GRD	GRD9	07-016-157	1	G	GRD1	B17/C6	
GRD	GRD9	07-016-157	2	G	GRD2	B17/C6	
GRD	GRD9	07-016-157	3	G	GRD3	B17/C6	
GRD	GRD9	07-016-157	4	G	GRD4	B17/C6	
GRD	07-037	07-037	057	G		B17/D6	*
GRD	GRD10	07-037-057	1	G	GRD1	B17/C6	
GRD	GRD10	07-037-057	2	G	GRD2	B17/C6	
GRD	GRD10	07-037-057	3	G	GRD3	B17/C6	
GRD	GRD10	07-037-057	4	G	GRD4	B17/C6	
GRD	07-061	07-061	057	G		B17/D7	*
GRD	GRD11	07-061-057	1	G	GRD1	B17/C7	
GRD	GRD11	07-061-057	2	G	GRD2	B17/C7	
GRD	GRD11	07-061-057	3	G	GRD3	B17/C7	
GRD	GRD11	07-061-057	4	G	GRD4	B17/C7	
GRD	07-085	07-085	057	G		B17/D7	*
GRD	GRD12	07-085-057	1	G	GRD1	B17/C7	
GRD	GRD12	07-085-057	2	G	GRD2	B17/C7	
GRD	GRD12	07-085-057	3	G	GRD3	B17/C7	
GRD	GRD12	07-085-057	4	G	GRD4	B17/C7	
GRD	07-104	07-104	357	G		B17/D8	*
GRD	GRD13	07-104-357	1	G	GRD1	B17/C8	
GRD	GRD13	07-104-357	2	G	GRD2	B17/C8	
GRD	GRD13	07-104-357	3	G	GRD3	B17/C8	
GRD	GRD13	07-104-357	4	G	GRD4	B17/C8	
GRD	07-130	07-130	057	G		B17/D8	*
GRD	GRD14	07-130-057	1	G	GRD1	B17/C8	
GRD	GRD14	07-130-057	2	G	GRD2	B17/C8	
GRD	GRD14	07-130-057	3	G	GRD3	B17/C8	
GRD	GRD14	07-130-057	4	G	GRD4	B17/C8	
GRD	07-152	07-152	057	G		B17/D9	*
GRD	GRD15	07-152-057	1	G	GRD1	B17/C9	
GRD	GRD15	07-152-057	2	G	GRD2	B17/C9	
GRD	GRD15	07-152-057	3	G	GRD3	B17/C9	
GRD	GRD15	07-152-057	4	G	GRD4	B17/C9	
GRD	07-173	07-173	057	G		B17/D9	*
GRD	GRD16	07-173-057	1	G	GRD1	B17/C9	
GRD	GRD16	07-173-057	2	G	GRD2	B17/C9	
GRD	GRD16	07-173-057	3	G	GRD3	B17/C9	
GRD	GRD16	07-173-057	4	G	GRD4	B17/C9	
INT0	TF0	04-006	002	O	INT0	B15/B1	*
INT0	CD.	04-008	116	I	INT	B12/C1	
INT0	P0	04-016	112	O	INT	B12/D3	
INT1	TF1	04-007	002	O	INT1	B15/B2	*
INT1	P0	04-016	012	O	INT	B12/D3	
INT1	P1	04-024	112	O	INT	B12/B3	
INT2	TF0	04-006	005	O	INT2	B15/B1	*
INT2	P1	04-024	012	O	INT	B12/B3	
INT2	P2	04-096	112	O	INT	B12/G3	
INT3	TF1	04-007	005	O	INT3	B15/B2	*
INT3	P2	04-096	012	O	INT	B12/G3	
INT3	P3	04-104	112	O	INT	B12/H3	
INT4	CD.	04-008	115	I	INTR	B12/C1	
INT4	P3	04-104	012	O	INT	B12/H3	
JQ0CKAC	QLI0.	04-088	310	I	CXQCKAC	B1/F2	
JQ0CKAC	CRFAB.C	04-131	122	O	JQ0CKAC	B2/F2	
JQ0CKAT	QLI0.	04-088	210	I	CXQCKAT	B1/F2	
JQ0CKAT	CRFAB.C	04-131	021	O	JQ0CKAT	B2/F2	
JQ0CKBC	QLI0.	04-088	308	I	CXQCKBC	B1/F2	
JQ0CKBC	CRFAB.C	04-131	319	O	JQ0CKBC	B2/F2	
JQ0CKBT	QLI0.	04-088	208	I	CXQCKBT	B1/F2	
JQ0CKBT	CRFAB.C	04-131	218	O	JQ0CKBT	B2/F2	
JQ0DAT0	QLI0.	04-088	239	I	F3QXDATA	B9/F3	
JQ0DAT0	CRFAB.X	04-131	355	O	JQ0DAT0	B9/D1	
JQ0DAT1	QLI0.	04-088	240	I	F3QXDATAB	B9/F3	
JQ0DAT1	CRFAB.X	04-131	354	O	JQ0DAT1	B9/D1	
JQ0DAT2	QLI0.	04-088	236	I	F3QXDATC	B9/F3	
JQ0DAT2	CRFAB.X	04-131	352	O	JQ0DAT2	B9/D1	
JQ0DAT3	QLI0.	04-088	237	I	F3QXDATD	B9/F3	
JQ0DAT3	CRFAB.X	04-131	351	O	JQ0DAT3	B9/D1	
JQ0LDC	QLI0.	04-088	307	I	CXQXLDLDC	B1/F2	
JQ0LDC	CRFAB.C	04-131	317	O	JQ0LDC	B2/F2	
JQ0LDT	QLI0.	04-088	207	I	CXQXLDLT	B1/F2	
JQ0LDT	CRFAB.C	04-131	217	O	JQ0LDT	B2/F2	
JQ0T65C	QLI0.	04-088	132	I	CXQXT65C	B5/G9	

29 LEAD INDEX (CONTINUED)								
LD SIG	FD SIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT	
JQ0T65C	CRFAB.T	T	04-131	140	O	JQ0T65C	B5/D3	
JQ0T65T	QLI0.	04-088	032	I	CXQXT65T	B5/G9		
JQ0T65T	CRFAB.T	T	04-131	040	O	JQ0T65T	B5/D3	
JQ0TSP	QLI0.	04-088	204	I	CXQXTSP	B1/F2		
JQ0TSP	CRFAB.C	C	04-131	300	O	JQ0TSP	B2/F2	
JQ0TSYC	QLI0.	04-088	133	I	CXQXTSYC	B5/G9		
JQ0TSYC	CRFAB.T	T	04-131	141	O	JQ0TSYC	B5/D3	
JQ0TSYT	QLI0.	04-088	033	I	CXQXTSYT	B5/G9		
JQ0TSYT	CRFAB.T	T	04-131	039	O	JQ0TSYT	B5/D3	
JQ1CKAC	QLI1.	04-080	310	I	CXQCKAC	B1/F3		
JQ1CKAC	CRFAB.C	C	04-131	341	O	JQ1CKAC	B2/F2	
JQ1CKAT	QLI1.	04-080	210	I	CXQCKAT	B1/F3		
JQ1CKAT	CRFAB.C	C	04-131	243	O	JQ1CKAT	B2/F2	
JQ1CKBC	QLI1.	04-080	308	I	CXQCKBC	B1/F3		
JQ1CKBC	CRFAB.C	C	04-131	342	O	JQ1CKBC	B2/F2	
JQ1CKBT	QLI1.	04-080	208	I	CXQCKBT	B1/F3		
JQ1CKBT	CRFAB.C	C	04-131	240	O	JQ1CKBT	B2/F2	
JQ1DAT0	QLI1.	04-080	239	I	F3QXDATAB	B9/F4		
JQ1DAT0	CRFAB.X	X	04-131	349	O	JQ1DAT0	B9/D1	
JQ1DAT1	QLI1.	04-080	240	I	F3QXDATAB	B9/F4		
JQ1DAT1	CRFAB.X	X	04-131	348	O	JQ1DAT1	B9/D1	
JQ1DAT2	QLI1.	04-080	236	I	F3QXDATC	B9/F4		
JQ1DAT2	CRFAB.X	X	04-131	346	O	JQ1DAT2	B9/D1	
JQ1DAT3	QLI1.	04-080	237	I	F3QXDATD	B9/F4		
JQ1DAT3	CRFAB.X	X	04-131	345	O	JQ1DAT3	B9/D1	
JQ1LDC	QLI1.	04-080	307	I	CXQXLDLDC	B1/F3		
JQ1LDC	CRFAB.C	C	04-131	117	O	JQ1LDC	B2/F2	
JQ1LDT	QLI1.	04-080	207	I	CXQXLDLT	B1/F3		
JQ1LDT	CRFAB.C	C	04-131	017	O	JQ1LDT	B2/F2	
JQ1T65C	QLI1.	04-080	132	I	CXQXT65C	B5/G8		
JQ1T65C	CRFAB.T	T	04-131	120	O	JQ1T65C	B5/D3	
JQ1T65T	QLI1.	04-080	032	I	CXQXT65T	B5/G8		
JQ1T65T	CRFAB.T	T	04-131	018	O	JQ1T65T	B5/D3	
JQ1TSP	QLI1.	04-080	204	I	CXQXTSP	B1/F3		
JQ1TSP	CRFAB.C	C	04-131	301	O	JQ1TSP	B2/F2	
JQ1TSYC	QLI1.	04-080	133	I	CXQXTSYC	B5/G8		
JQ1TSYC	CRFAB.T	T	04-131	119	O	JQ1TSYC	B5/D3	
JQ1TSYT	QLI1.	04-080	033	I	CXQXTSYT	B5/G8		
JQ1TSYT	CRFAB.T	T	04-131	023	O	JQ1TSYT	B5/D3	
JQ2CKAC	QLI2.	04-072	310	I	CXQCKAC	B1/F4		
JQ2CKAC	CRFAB.C	C	04-131	316	O	JQ2CKAC	B2/F2	
JQ2CKAT	QLI2.	04-072	210	I	CXQCKAT	B1/F4		
JQ2CKAT	CRFAB.C	C	04-131	215	O	JQ2CKAT	B2/F2	
JQ2CKBC	QLI2.	04-072	308	I	CXQCKBC	B1/F4		
JQ2CKBC	CRFAB.C	C	04-131	314	O	JQ2CKBC	B2/F2	
JQ2CKBT	QLI2.	04-072	208	I	CXQCKBT	B1/F4		
JQ2CKBT	CRFAB.C	C	04-131	214	O	JQ2CKBT	B2/F2	
JQ2DAT0	QLI2.	04-072	239	I	F3QXDATAB	B9/F4		
JQ2DAT0	CRFAB.X	X	04-131	255	O	JQ2DAT0	B9/D1	
JQ2DAT1	QLI2.	04-072	240	I	F3QXDATAB	B9/F4		
JQ2DAT1	CRFAB.X	X	04-131	256	O	JQ2DAT1	B9/D1	
JQ2DAT2	QLI2.	04-072	236	I	F3QXDATC	B9/F4		
JQ2DAT2	CRFAB.X	X	04-131	252	O	JQ2DAT2	B9/D1	
JQ2DAT3	QLI2.	04-072	237	I	F3QXDATD	B9/F4		
JQ2DAT3	CRFAB.X	X	04-131	253	O	JQ2DAT3	B9/D1	
JQ2LDC	QLI2.	04-072	307	I	CXQXLDLDC	B1/F4		
JQ2LDC	CRFAB.C	C	04-131	313	O	JQ2LDC	B2/F2	
JQ2LDT	QLI2.	04-072	207	I	CXQXLDLT	B1/F4		
JQ2LDT	CRFAB.C	C	04-131	220	O	JQ2LDT	B2/F2	
JQ2T65C	QLI2.	04-072	132	I	CXQXT65C	B5/G6		
JQ2T65C	CRFAB.T	T	04-131	143	O	JQ2T65C	B5/D3	
JQ2T65T	QLI2.	04-072	032	I	CXQXT65T	B5/G6		
JQ2T65T	CRFAB.T	T	04-131	037	O	JQ2T65T	B5/D3	
JQ2TSP	QLI2.	04-072	204	I	CXQXTSP	B1/F4		

30 LEAD INDEX (CONTINUED)								
LD SIG	FD SIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT	
JQ2TSP	CRFAB.C	C	04-131	202	O	JQ2TSP	B2/F2	
JQ2TSYC	QLI2.	04-072	133	I	CXQXTSYC	B5/G6		
JQ2TSYC	CRFAB.T	T	04-131	138	O	JQ2TSYC	B5/D3	
JQ2TSYT	QLI2.	04-072	033	I	CXQXTSYT	B5/G6		
JQ2TSYT	CRFAB.T	T	04-131	036	O	JQ2TSYT	B5/D3	
JQ3CKAC	QLI3.	04-064	310	I	CXQCKAC	B1/F5		
JQ3CKAC	CRFAB.C	C	04-131	338	O	JQ3CKAC	B2/F2	
JQ3CKAT	QLI3.	04-064	210	I	CXQCKAT	B1/F5		
JQ3CKAT	CRFAB.C	C	04-131	242	O	JQ3CKAT	B2/F2	
JQ3CKBC	QLI3.	04-064	308	I	CXQCKBC	B1/F5		
JQ3CKBC	CRFAB.C	C	04-131	339	O	JQ3CKBC	B2/F2	
JQ3CKBT	QLI3.	04-064	208	I	CXQCKBT	B1/F5		
JQ3CKBT	CRFAB.C	C	04-131	237	O	JQ3CKBT	B2/F2	
JQ3DAT0	QLI3.	04-064	239	I	F3QXDATAB	B9/F5		
JQ3DAT0	CRFAB.X	X	04-131	249	O	JQ3DAT0	B9/D1	
JQ3DAT1	QLI3.	04-064	240	I	F3QXDATAB	B9/F5		
JQ3DAT1	CRFAB.X	X	04-131	250	O	JQ3DAT1	B9/D1	
JQ3DAT2	QLI3.	04-064	236	I	F3QXDATC	B9/F5		
JQ3DAT2	CRFAB.X	X	04-131	246	O	JQ3DAT2	B9/D1	
JQ3DAT3	QLI3.	04-064	237	I	F3QXDATD	B9/F5		
JQ3DAT3	CRFAB.X	X	04-131	247	O	JQ3DAT3	B9/D1	
JQ3LDC	QLI3.	04-064	307	I	CXQXLDLDC	B1/F5		
JQ3LDC	CRFAB.C	C	04-131	113	O	JQ3LDC	B2/F2	
JQ3LDT	QLI3.	04-064	207	I	CXQXLDLT	B1/F5		
JQ3LDT	CRFAB.C	C	04-131	016	O	JQ3LDT	B2/F2	
JQ3T65C	QLI3.	04-064	132	I	CXQXT65C	B5/H5		
JQ3T65C	CRFAB.T	T	04-131	114	O	JQ3T65C	B5/D3	
JQ3T65T	QLI3.	04-064	032	I	CXQXT65T	B5/H5		
JQ3T65T	CRFAB.T	T	04-131	014	O	JQ3T65T	B5/D3	
JQ3TSP	QLI3.	04-064	204	I	CXQXTSP	B1/F5		
JQ3TSP	CRFAB.C	C						

31 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	BLI	BQL	TRMNO	FN	TRMMOD	SYMLOC XT
JQ4DAT3	CRFAB.X	X	04-131	151	O	JQ4DAT3	B9/D1
JQ4LDC	QLI4.		04-056	307	I	CXQXLDLC	B1/F6
JQ4LDC	CRFAB.C	C	04-131	307	O	JQ4LDC	B2/F2
JQ4LDT	QLI4.		04-056	207	I	CXQXLDLT	B1/F6
JQ4LDT	CRFAB.C	C	04-131	208	O	JQ4LDT	B2/F2
JQ4T65C	QLI4.		04-056	132	I	CXQXT65C	B5/H3
JQ4T65C	CRFAB.T	T	04-131	139	O	JQ4T65C	B5/D3
JQ4T65T	QLI4.		04-056	032	I	CXQXT65T	B5/H3
JQ4T65T	CRFAB.T	T	04-131	034	O	JQ4T65T	B5/D3
JQ4TSP	QLI4.		04-056	204	I	CXQXTSP	B1/F6
JQ4TSP	CRFAB.C	C	04-131	102	O	JQ4TSP	B2/F2
JQ4TSP	QLI4.		04-056	133	I	CXQXTSP	B5/H3
JQ4TSP	CRFAB.T	T	04-131	142	O	JQ4TSP	B5/D3
JQ4TSP	QLI4.		04-056	033	I	CXQXTSP	B5/H3
JQ4TSP	CRFAB.T	T	04-131	035	O	JQ4TSP	B5/D3
JQ5CRAC	QLI5.		04-048	310	I	CXQXCRAC	B1/F7
JQ5CRAC	CRFAB.C	C	04-131	335	O	JQ5CRAC	B2/F2
JQ5CRAT	QLI5.		04-048	210	I	CXQXCRAT	B1/F7
JQ5CRAT	CRFAB.C	C	04-131	239	O	JQ5CRAT	B2/F2
JQ5CRBC	QLI5.		04-048	308	I	CXQXCRBC	B1/F7
JQ5CRBC	CRFAB.C	C	04-131	336	O	JQ5CRBC	B2/F2
JQ5CRBT	QLI5.		04-048	208	I	CXQXCRBT	B1/F7
JQ5CRBT	CRFAB.C	C	04-131	234	O	JQ5CRBT	B2/F2
JQ5DAT0	QLI5.		04-048	239	I	F3QXDATA	B9/F7
JQ5DAT0	CRFAB.X	X	04-131	149	O	JQ5DAT0	B9/D1
JQ5DAT1	QLI5.		04-048	240	I	F3QXDATB	B9/F7
JQ5DAT1	CRFAB.X	X	04-131	148	O	JQ5DAT1	B9/D1
JQ5DAT2	QLI5.		04-048	236	I	F3QXDATC	B9/F7
JQ5DAT2	CRFAB.X	X	04-131	146	O	JQ5DAT2	B9/D1
JQ5DAT3	QLI5.		04-048	237	I	F3QXDATD	B9/F7
JQ5DAT3	CRFAB.X	X	04-131	145	O	JQ5DAT3	B9/D1
JQ5LDC	QLI5.		04-048	307	I	CXQXLDLC	B1/F7
JQ5LDC	CRFAB.C	C	04-131	116	O	JQ5LDC	B2/F2
JQ5LDT	QLI5.		04-048	207	I	CXQXLDLT	B1/F7
JQ5LDT	CRFAB.C	C	04-131	008	O	JQ5LDT	B2/F2
JQ5T65C	QLI5.		04-048	132	I	CXQXT65C	B5/H2
JQ5T65C	CRFAB.T	T	04-131	109	O	JQ5T65C	B5/D3
JQ5T65T	QLI5.		04-048	032	I	CXQXT65T	B5/H2
JQ5T65T	CRFAB.T	T	04-131	009	O	JQ5T65T	B5/D3
JQ5TSP	QLI5.		04-048	204	I	CXQXTSP	B1/F7
JQ5TSP	CRFAB.C	C	04-131	101	O	JQ5TSP	B2/F2
JQ5TSP	QLI5.		04-048	133	I	CXQXTSP	B5/H2
JQ5TSP	CRFAB.T	T	04-131	110	O	JQ5TSP	B5/D3
JQ5TSYC	QLI5.		04-048	033	I	CXQXTSYT	B5/H2
JQ5TSYC	CRFAB.T	T	04-131	010	O	JQ5TSYC	B5/D3
JQ6CKAC	QLI6.		04-040	310	I	CXQXCKAC	B1/F8
JQ6CKAC	CRFAB.C	C	04-131	306	O	JQ6CKAC	B2/F2
JQ6CKAT	QLI6.		04-040	210	I	CXQXCKAT	B1/F8
JQ6CKAT	CRFAB.C	C	04-131	207	O	JQ6CKAT	B2/F2
JQ6CKBC	QLI6.		04-040	308	I	CXQXCKBC	B1/F8
JQ6CKBC	CRFAB.C	C	04-131	303	O	JQ6CKBC	B2/F2
JQ6CKBT	QLI6.		04-040	208	I	CXQXCKBT	B1/F8
JQ6CKBT	CRFAB.C	C	04-131	205	O	JQ6CKBT	B2/F2
JQ6DAT0	QLI6.		04-040	239	I	F3QXDATA	B9/F7
JQ6DAT0	CRFAB.X	X	04-131	055	O	JQ6DAT0	B9/D1
JQ6DAT1	QLI6.		04-040	240	I	F3QXDATB	B9/F7
JQ6DAT1	CRFAB.X	X	04-131	056	O	JQ6DAT1	B9/D1
JQ6DAT2	QLI6.		04-040	236	I	F3QXDATC	B9/F7
JQ6DAT2	CRFAB.X	X	04-131	052	O	JQ6DAT2	B9/D1
JQ6DAT3	QLI6.		04-040	237	I	F3QXDATD	B9/F7
JQ6DAT3	CRFAB.X	X	04-131	044	O	JQ6DAT3	B9/D1
JQ6LDC	QLI6.		04-040	307	I	CXQXLDLC	B1/F8
JQ6LDC	CRFAB.C	C	04-131	204	O	JQ6LDC	B2/F2
JQ6LDT	QLI6.		04-040	207	I	CXQXLDLT	B1/F8

32 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	BLI	BQL	TRMNO	FN	TRMMOD	SYMLOC XT
JQ6LDT	CRFAB.C	C	04-131	304	O	JQ6LDC	B2/F2
JQ6T65C	QLI6.		04-040	132	I	CXQXT65C	B5/H1
JQ6T65C	CRFAB.T	T	04-131	136	O	JQ6T65C	B5/D3
JQ6T65T	QLI6.		04-040	032	I	CXQXT65T	B5/H1
JQ6T65T	CRFAB.T	T	04-131	032	O	JQ6T65T	B5/D3
JQ6TSP	QLI6.		04-040	204	I	CXQXTSP	B1/F8
JQ6TSP	CRFAB.C	C	04-131	000	O	JQ6TSP	B2/F2
JQ6TSYC	QLI6.		04-040	133	I	CXQXTSYC	B5/H1
JQ6TSYC	CRFAB.T	T	04-131	133	O	JQ6TSYC	B5/D3
JQ6TSYT	QLI6.		04-040	033	I	CXQXTSYT	B5/H1
JQ6TSYT	CRFAB.T	T	04-131	033	O	JQ6TSYT	B5/D3
JQ7CKAC	QLI7.		04-032	310	I	CXQXCKAC	B1/F8
JQ7CKAC	CRFAB.C	C	04-131	333	O	JQ7CKAC	B2/F2
JQ7CKAT	QLI7.		04-032	210	I	CXQXCKAT	B1/F8
JQ7CKAT	CRFAB.C	C	04-131	233	O	JQ7CKAT	B2/F2
JQ7CRBC	QLI7.		04-032	308	I	CXQXCRBC	B1/F8
JQ7CRBC	CRFAB.C	C	04-131	332	O	JQ7CRBC	B2/F2
JQ7CRBT	QLI7.		04-032	208	I	CXQXCRBT	B1/F8
JQ7CRBT	CRFAB.C	C	04-131	236	O	JQ7CRBT	B2/F2
JQ7DAT0	QLI7.		04-032	239	I	F3QXDATA	B9/F8
JQ7DAT0	CRFAB.X	X	04-131	049	O	JQ7DAT0	B9/D1
JQ7DAT1	QLI7.		04-032	240	I	F3QXDATB	B9/F8
JQ7DAT1	CRFAB.X	X	04-131	043	O	JQ7DAT1	B9/D1
JQ7DAT2	QLI7.		04-032	236	I	F3QXDATC	B9/F8
JQ7DAT2	CRFAB.X	X	04-131	046	O	JQ7DAT2	B9/D1
JQ7DAT3	QLI7.		04-032	237	I	F3QXDATD	B9/F8
JQ7DAT3	CRFAB.X	X	04-131	042	O	JQ7DAT3	B9/D1
JQ7LDC	QLI7.		04-032	307	I	CXQXLDLC	B1/F8
JQ7LDC	CRFAB.C	C	04-131	104	O	JQ7LDC	B2/F2
JQ7LDT	QLI7.		04-032	207	I	CXQXLDLT	B1/F8
JQ7LDT	CRFAB.C	C	04-131	004	O	JQ7LDT	B2/F2
JQ7T65C	QLI7.		04-032	132	I	CXQXT65C	B5/H0
JQ7T65C	CRFAB.T	T	04-131	107	O	JQ7T65C	B5/D3
JQ7T65T	QLI7.		04-032	032	I	CXQXT65T	B5/H0
JQ7T65T	CRFAB.T	T	04-131	003	O	JQ7T65T	B5/D3
JQ7TSP	QLI7.		04-032	204	I	CXQXTSP	B1/F8
JQ7TSP	CRFAB.C	C	04-131	001	O	JQ7TSP	B2/F2
JQ7TSYC	QLI7.		04-032	133	I	CXQXTSYC	B5/H0
JQ7TSYC	CRFAB.T	T	04-131	111	O	JQ7TSYC	B5/D3
JQ7TSYT	QLI7.		04-032	033	I	CXQXTSYT	B5/H0
JQ7TSYT	CRFAB.T	T	04-131	006	O	JQ7TSYT	B5/D3
JSSCDAT0	SUB.		04-112	337	I	C0SSCDAT	B1/D2
JSSCDAT0	CRFAB.C	C	04-131	538	O	JSSCDAT1	B2/F2
JSSCDAT1	SUB.		04-112	336	I	C1SSCDAT	B1/D2
JSSCDAT1	CRFAB.C	C	04-131	539	O	JSSCDAT0	B2/F2
JSSERR0	SUB.		04-112	024	I	C0SSERR	B1/D2
JSSERR0	CRFAB.C	C	04-131	123	O	JSSERR0	B2/F2
JSSERR1	SUB.		04-112	124	I	C1SSERR	B1/D2
JSSERR1	CRFAB.C	C	04-131	024	O	JSSERR1	B2/F2
M2A	QLI7.		04-032	120	P	M20	B13/F7
M2A	FO15.		04-032A	107	P	M2	B13/F8
M2B	QLI7.		04-032	152	P	M21	B13/F7
M2B	FO14.		04-032B	107	P	M2	B13/B8
M2C	QLI6.		04-040	120	P	M20	B13/D7
M2C	FO13.		04-040A	107	P	M2	B13/D8
M2D	QLI6.		04-040	152	P	M21	B13/D7
M2D	FO12.		04-040B	107	P	M2	B13/C8
M2E	QLI5.		04-048	120	P	M20	B13/H4
M2E	FO11.		04-048A	107	P	M2	B13/H6
M2F	QLI5.		04-048	152	P	M21	B13/H4
M2F	FO10.		04-048B	107	P	M2	B13/G6
M2G	QLI4.		04-056	120	P	M20	B13/F4
M2G	FO9.		04-056A	107	P	M2	B13/F5
M2H	QLI4.		04-056	152	P	M21	B13/F4

33 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	BLI	BQL	TRMNO	FN	TRMMOD	SYMLOC XT
M2H	FO8.		04-056B	107	P	M2	B13/B5
M2I	QLI3.		04-064	120	P	M20	B13/D4
M2I	FO7.		04-064A	107	P	M2	B13/D5
M2J	QLI3.		04-064	152	P	M21	B13/D4
M2J	FO6.		04-064B	107	P	M2	B13/C5
M2K	QLI2.		04-072	120	P	M20	B13/H1
M2K	FO5.		04-072A	107	P	M2	B13/H2
M2L	QLI2.		04-072	152	P	M21	B13/H1
M2L	FO4.		04-072B	107	P	M2	B13/G2
M2M	QLI1.		04-080	120	P	M20	B13/F1
M2M	FO3.		04-080A	107	P	M2	B13/F2
M2N	QLI1.		04-080	152	P	M21	B13/F1
M2N	FO2.		04-080B	107	P	M2	B13/E2
M2O	QLI0.		04-088	120	P	M20	B13/D1
M2O	FO1.		04-088A	107	P	M2	B13/D2
M2P	QLI0.		04-088	152	P	M21	B13/D1
M2P	FO0.		04-088B	107	P	M2	B13/C2
M48A	QLI7.		04-032	113	P	-48V2	B13/F7
M48A	FO15.		04-032A	100	P	M48	B13/F8
M48B	QLI7.		04-032	145	P	-48V1	B13/F7
M48B	FO14.		04-032B	100	P	M48	B13/E8
M48C	QLI6.		04-040	113	P	-48V2	B13/D7
M48C	FO13.		04-040A	100	P	M48	B13/D8
M48D	QLI6.		04-040	145	P	-48V1	B13/D7
M48D	FO12.		04-040B	100	P	M48	B13/C8
M48E	QLI5.		04-048	113	P	-48V2	B13/H4
M48E	FO11.		04-048A	100	P	M48	B13/H6
M48F	QLI5.		04-048	145	P	-48V1	B13/H4
M48F	FO10.		04-048B	100	P	M48	B13/G6
M48G	QLI4.		04-056	113	P	-48V2	B13/F4
M48G	FO9.		04-056A	100	P	M48	B13/F5
M48H	QLI4.		04-056	145	P	-48V1	B13/F4
M48H	FO8.		04-056B	100	P	M48	B13/B5
M48I	QLI3.		04-064	113	P	-48V2	B13/D4
M48I	FO7.		04-064A	100	P	M48	B13/D5
M48J	QLI3.		04-064	145	P	-48V1	B13/D4
M48J	FO6.		04-064B	100	P	M48	B13/C5
M48K	QLI2.		04-072	113	P	-48V2	B13/H1
M48K	FO5.		04-072A	100	P	M48	B13/H2
M48L	QLI2.		04-072	145	P	-48V1	B13/H1
M48L	FO4.		04-072B	100	P	M48	B13/G2
M48M	QLI1.		04-080	113	P	-48V2	B13/F1
M48M	FO3.		04-080A	100	P	M48	B13/F2
M48N	QLI1.		04-080	145	P	-48V1	B13/F1
M48N	FO2.		04-080B	100	P	M48	B13/E2
M48O	QLI0.		04-088	113	P	-48V2	B13/D1
M48O	FO1.		04-088A	100	P	M48	B13/D2
M48P	QLI0.		04-088	145	P	-48V1	B13/D1
M48P	FO0.	</					

34 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLC XT
M5A	FO15.	04-032A	007	P	M50		B13/F8
M5AA	QLI1.	04-080	116	P	M52		B13/F1
M5AA	FO3.	04-080A	103	P	M51		B13/F2
M5AB	QLI1.	04-080	148	P	M53		B13/F1
M5AB	FO2.	04-080B	103	P	M51		B13/E2
M5AC	QLI0.	04-088	020	P	M50		B13/D1
M5AC	FO1.	04-088A	007	P	M50		B13/D2
M5AD	QLI0.	04-088	052	P	M51		B13/D1
M5AD	FO0.	04-088B	007	P	M50		B13/C2
M5AE	QLI0.	04-088	116	P	M52		B13/D1
M5AE	FO1.	04-088A	103	P	M51		B13/D2
M5AF	QLI0.	04-088	148	P	M53		B13/D1
M5AF	FO0.	04-088B	103	P	M51		B13/C2
M5B	QLI7.	04-032	052	P	M51		B13/F7
M5B	FO14.	04-032B	007	P	M50		B13/E8
M5C	QLI7.	04-032	116	P	M52		B13/F7
M5C	FO15.	04-032A	103	P	M51		B13/F8
M5D	QLI7.	04-032	148	P	M53		B13/F7
M5D	FO14.	04-032B	103	P	M51		B13/E8
M5E	QLI6.	04-040	020	P	M50		B13/D7
M5E	FO13.	04-040A	007	P	M50		B13/D8
M5F	QLI6.	04-040	052	P	M51		B13/D7
M5F	FO12.	04-040B	007	P	M50		B13/C8
M5G	QLI6.	04-040	116	P	M52		B13/D7
M5G	FO13.	04-040A	103	P	M51		B13/D8
M5H	QLI6.	04-040	148	P	M53		B13/D7
M5H	FO12.	04-040B	103	P	M51		B13/C8
M5I	QLI5.	04-048	020	P	M50		B13/H4
M5I	FO11.	04-048A	007	P	M50		B13/H6
M5J	QLI5.	04-048	052	P	M51		B13/H4
M5J	FO10.	04-048B	007	P	M50		B13/G6
M5K	QLI5.	04-048	116	P	M52		B13/H4
M5K	FO11.	04-048A	103	P	M51		B13/H6
M5L	QLI5.	04-048	148	P	M53		B13/H4
M5L	FO10.	04-048B	103	P	M51		B13/G6
M5M	QLI4.	04-056	020	P	M50		B13/F4
M5M	FO9.	04-056A	007	P	M50		B13/F5
M5N	QLI4.	04-056	052	P	M51		B13/F4
M5N	FO8.	04-056B	007	P	M50		B13/B5
M5O	QLI4.	04-056	116	P	M52		B13/F4
M5O	FO9.	04-056A	103	P	M51		B13/F5
M5P	QLI4.	04-056	148	P	M53		B13/F4
M5P	FO8.	04-056B	103	P	M51		B13/B5
M5Q	QLI3.	04-064	020	P	M50		B13/D4
M5Q	FO7.	04-064A	007	P	M50		B13/D5
M5R	QLI3.	04-064	052	P	M51		B13/D4
M5R	FO6.	04-064B	007	P	M50		B13/C5
M5S	QLI3.	04-064	116	P	M52		B13/D4
M5S	FO7.	04-064A	103	P	M51		B13/D5
M5T	QLI3.	04-064	148	P	M53		B13/D4
M5T	FO6.	04-064B	103	P	M51		B13/C5
M5U	QLI2.	04-072	020	P	M50		B13/H1
M5U	FO5.	04-072A	007	P	M50		B13/H2
M5V	QLI2.	04-072	052	P	M51		B13/H1
M5V	FO4.	04-072B	007	P	M50		B13/G2
M5W	QLI2.	04-072	116	P	M52		B13/H1
M5W	FO5.	04-072A	103	P	M51		B13/H2
M5X	QLI2.	04-072	148	P	M53		B13/H1
M5X	FO4.	04-072B	103	P	M51		B13/G2
M5Y	QLI1.	04-080	020	P	M50		B13/F1
M5Y	FO3.	04-080A	007	P	M50		B13/F2
M5Z	QLI1.	04-080	052	P	M51		B13/F1
M5Z	FO2.	04-080B	007	P	M50		B13/E2

35 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLC XT
MCFM2	P1	04-024	117	I	MCPGRM		B12/E3 *
MCFM2	QLI7.	04-032	012	O	MCFM2		B13/F7
MCFM2	QLI6.	04-040	012	O	MCFM2		B13/D7
MCFM2	QLI5.	04-048	012	O	MCFM2		B13/H4
MCFM2	QLI4.	04-056	012	O	MCFM2		B13/F4
MCFM2	QLI3.	04-064	012	O	MCFM2		B13/D4
MCFM2	QLI2.	04-072	012	O	MCFM2		B13/H1
MCFM2	QLI1.	04-080	012	O	MCFM2		B13/F1
MCFM2	QLI0.	04-088	012	O	MCFM2		B13/D1
MCFM2	SUB.	04-112	012	O	MCFM2		B12/G5
MCFM2	KBN4TF0.	04-121	012	O	MCFM2		B12/D6
MCFM2	CRFAB.P	04-131	012	O	MCFM2		B12/G7
MCFM2	KBN4TF1.	04-143	012	O	MCFM2		B12/D6
MCFM2	KBN2TF0.	04-163	012	O	MCFM2		B12/F7
MCFM2	KBN2TF1.	04-173	012	O	MCFM2		B12/F8
MCPM5A	QLI7.	04-032	212	O	MCPM5		B13/F7
MCPM5A	QLI6.	04-040	212	O	MCPM5		B13/D7
MCPM5A	QLI5.	04-048	212	O	MCPM5		B13/H4
MCPM5A	QLI4.	04-056	212	O	MCPM5		B13/F4
MCPM5A	P2	04-096	117	I	MCPGRM		B12/G3 *
MCPM5B	QLI3.	04-064	212	O	MCPM5		B13/D4
MCPM5B	QLI2.	04-072	212	O	MCPM5		B13/H1
MCPM5B	QLI1.	04-080	212	O	MCPM5		B13/F1
MCPM5B	QLI0.	04-088	212	O	MCPM5		B13/D1
MCPM5B	P3	04-104	117	I	MCPGRM		B12/H3 *
MCPM5B	SUB.	04-112	212	O	MCPM5		B12/G5
MCPM5B	KBN4TF0.	04-121	312	O	MCPM5		B12/D6
MCPM5B	CRFAB.P	04-131	312	O	MCPM5		B12/G7
MCPM5B	KBN4TF1.	04-143	312	O	MCPM5		B12/D6
MCPM5B	KBN2TF0.	04-163	312	O	MCPM5		B12/F7
MCPM5B	KBN2TF1.	04-173	312	O	MCPM5		B12/F8
MCPP5	P0	04-016	117	I	MCPGRM		B12/D3
MCPP5	QLI7.	04-032	211	O	MCPP5		B13/F7
MCPP5	QLI6.	04-040	211	O	MCPP5		B13/D7
MCPP5	QLI5.	04-048	211	O	MCPP5		B13/H4
MCPP5	QLI4.	04-056	211	O	MCPP5		B13/F4
MCPP5	QLI3.	04-064	211	O	MCPP5		B13/D4
MCPP5	QLI2.	04-072	211	O	MCPP5		B13/H1
MCPP5	QLI1.	04-080	211	O	MCPP5		B13/F1
MCPP5	QLI0.	04-088	211	O	MCPP5		B13/D1
MCPP5	SUB.	04-112	211	O	MCPP5		B12/G5
MCPP5	KBN2TF0.	04-163	612	O	MCPP5		B12/F7
MCPP5	KBN2TF1.	04-173	612	O	MCPP5		B12/F8
MI32C	QLI0.	04-088	010	IO	(S)MI32C/(N)		B3/F5 *
MI32OUTC	QLI0.	04-088	004	IO	(S)MI32OUTC/		B3/F5 *
MI32OUTT	QLI0.	04-088	104	IO	(S)MI32OUTT/		B3/F5 *
MI32T	QLI0.	04-088	110	IO	(S)MI32T/(N)		B3/F5 *
MI8KC	QLI0.	04-088	008	IO	(S)MI8KC/(N)		B3/F5 *
MI8KT	QLI0.	04-088	108	IO	(S)MI8KT/(N)		B3/F5 *
MIDATC	QLI0.	04-088	007	IO	MIDATC		B3/F5 *
MIDATT	QLI0.	04-088	107	IO	MIDATT		B3/F5 *
OOS0	CD.	04-008	109	O	OOS48P		B12/C1
OOS0	04-015	04-015	050	O			B12/H1 *
OOS0	TF5	36-015	050	I	OOS0		B15/E5
OOS1	TF0	04-006	000	I	OOS1		B15/B1 *
OOS1	04-014	04-014	050	O			B12/H1 *
OOS1	P0	04-016	115	I	OOS-		B12/D3
OOS1	TF4	36-014	050	I	OOS1		B15/B4
OOS2	TF1	04-007	000	I	OOS2		B15/B2 *
OOS2	P0	04-016	015	I	OOS+		B12/D3
OOS2	P1	04-024	115	I	OOS-		B12/E3
OOS3	TF0	04-006	003	I	OOS3		B15/B1 *
OOS3	P1	04-024	015	I	OOS+		B12/B3
OOS3	P2	04-096	115	I	OOS-		B12/G3
OOS3B	CD.	04-008	051	O	OOSR		B14/B2
OOS3B	04-013	04-013	050	I			B14/B3 *
OOS3B	TF3	36-013	050	I	OOS3B		B15/B3
OOS4	TF1	04-007	003	I	OOS4		B15/B2 *
OOS4	P2	04-096	015	I	OOS+		B12/G3
OOS4	P3	04-104	115	I	OOS-		B12/H3
OOS5	CD.	04-008	111	O	OOSCONV		B12/C1
OOS5	P3	04-104	015	I	OOS+		B12/H3
OOSR	CD.	04-008	151	I	OOS3B		B14/B2
OOSR	04-012	04-012	050	I			B14/B2 *
OOSR	TF2	36-012	050	I	OOSR		B15/B2

36 LEAD INDEX (CONTINUED)							
LDBSIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLC XT
PCPM2	P1	04-024	017	I	PCPGRM		B12/E3 *
PCPM2	QLI7.	04-032	112	O	PCPM2		B13/F7
PCPM2	QLI6.	04-040	112	O	PCPM2		B13/D7
PCPM2	QLI5.	04-048	112	O	PCPM2		B13/H4
PCPM2	QLI4.	04-056	112	O	PCPM2		B13/F4
PCPM2	QLI3.	04-064	112	O	PCPM2		B13/D4
PCPM2	QLI2.	04-072	112	O	PCPM2		B13/H1
PCPM2	QLI1.	04-080	112	O	PCPM2		B13/F1
PCPM2	QLI0.	04-088	112	O	PCPM2		B13/D1
PCPM2	SUB.	04-112	112	O	PCPM2		B12/G5
PCPM2	KBN4TF0.	04-121	112	O	PCPM2		B12/D6
PCPM2	CRFAB.P	04-131	112	O	PCPM2		B12/G7
PCPM2	KBN4TF1.	04-143	112	O	PCPM2		B12/D6
PCPM2	KBN2TF0.	04-163	112	O	PCPM2		B12/F7
PCPM2	KBN2TF1.	04-173	112	O	PCPM2		B12/F8
PCPM5A	QLI7.	04-032	312	O	PCPM5		B13/F7
PCPM5A	QLI6.	04-040	312	O	PCPM5		B13/D7
PCPM5A	QLI5.	04-048	312	O	PCPM5		B13/H4
PCPM5A	QLI4.	04-056	312	O	PCPM5		B13/F4
PCPM5A	P2	04-096	017	I	PCPGRM		B12/G3 *
PCPM5B							

37 LEAD INDEX (CONTINUED)							
LD SIG	FD SIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT
Q0RCV0D1	QLI0.	04-088	055	IO	RCV0D1	B6/H4	*
Q0RCV0D1	FO0.	04-088B	010	O	RDATA0T	B7/D1	
Q0RCV1D0	QLI0.	04-088	153	IO	RCV1D0	B6/H4	*
Q0RCV1D0	FO0.	04-088B	108	O	RDATA1C	B7/D1	
Q0RCV1D1	QLI0.	04-088	053	IO	RCV1D1	B6/H4	*
Q0RCV1D1	FO0.	04-088B	008	O	RDATA1T	B7/D1	
Q0RCV2D0	QLI0.	04-088	123	I	RCV2D0	B6/H4	*
Q0RCV2D0	FO1.	04-088A	110	O	RDATA0C	B7/F1	
Q0RCV2D1	QLI0.	04-088	023	I	RCV2D1	B6/H4	*
Q0RCV2D1	FO1.	04-088A	010	O	RDATA0T	B7/F1	
Q0RCV3D0	QLI0.	04-088	121	I	RCV3D0	B6/H4	*
Q0RCV3D0	FO1.	04-088A	108	O	RDATA1C	B7/F1	
Q0RCV3D1	QLI0.	04-088	021	I	RCV3D1	B6/H4	*
Q0RCV3D1	FO1.	04-088A	008	O	RDATA1T	B7/F1	
Q0SFDAT0	QLI0.	04-088	336	O	QXSFDAT0	B6/H4	
Q0SFDAT0	SUB.	04-112	455	I	Q0SFDAT0	B6/B6	
Q0SFDAT1	QLI0.	04-088	337	O	QXSFDAT1	B6/H4	
Q0SFDAT1	SUB.	04-112	456	I	Q0SFDAT1	B6/B6	
Q0SFDAT2	QLI0.	04-088	333	O	QXSFDAT2	B6/H4	
Q0SFDAT2	SUB.	04-112	452	I	Q0SFDAT2	B6/B6	
Q0SFDAT3	QLI0.	04-088	334	O	QXSFDAT3	B6/H4	
Q0SFDAT3	SUB.	04-112	453	I	Q0SFDAT3	B6/B6	
Q0SSCDAT	QLI0.	04-088	249	O	QXSSCDAT	B1/F2	
Q0SSCDAT	SUB.	04-112	243	I	Q0SSCDAT	B1/D2	
Q0SSERR	QLI0.	04-088	233	O	QXSSERR	B1/F2	
Q0SSERR	SUB.	04-112	023	I	Q0SSERR	B1/D2	
Q0XM0D1	QLI0.	04-088	051	O	XM0D1	B9/F3	*
Q0XM0D1	FO0.	04-088B	006	I	XMDATA0T	B10/E1	
Q0XM1D1	QLI0.	04-088	049	O	XM1D1	B9/F3	*
Q0XM1D1	FO0.	04-088B	004	I	XMDATA1T	B10/E1	
Q0XM2D1	QLI0.	04-088	019	O	XM2D1	B9/F3	*
Q0XM2D1	FO1.	04-088A	006	I	XMDATA0T	B10/E1	
Q0XM3D1	QLI0.	04-088	017	O	XM3D1	B9/F3	*
Q0XM3D1	FO1.	04-088A	004	I	XMDATA1T	B10/E1	
Q1L1CLKN	QLI1.	04-080	143	O	QXGCLK1C	B8/G2	*
Q1L1CLKP	QLI1.	04-080	043	O	QXGCLK1T	B8/G2	*
Q1L1DIN	QLI1.	04-080	136	O	QXGDIN1C	B8/G2	*
Q1L1DIP	QLI1.	04-080	036	O	QXGDIN1T	B8/G2	*
Q1L1DON	QLI1.	04-080	140	O	QXGDAT1C	B8/G2	*
Q1L1SNCP	QLI1.	04-080	142	O	QXGSNC1C	B8/G2	*
Q1L1SNCP	QLI1.	04-080	042	O	QXGSNC1T	B8/G2	*
Q1L1DOP	QLI1.	04-080	040	O	QXGDAT1T	B8/G2	*
Q1RCV0D0	QLI1.	04-080	155	IO	RCV0D0	B6/G1	*
Q1RCV0D0	FO2.	04-080B	110	O	RDATA0C	B7/D2	
Q1RCV0D1	QLI1.	04-080	055	IO	RCV0D1	B6/G1	*
Q1RCV0D1	FO2.	04-080B	010	O	RDATA0T	B7/D2	
Q1RCV1D0	QLI1.	04-080	153	IO	RCV1D0	B6/G1	*
Q1RCV1D0	FO2.	04-080B	108	O	RDATA1C	B7/D2	
Q1RCV1D1	QLI1.	04-080	053	IO	RCV1D1	B6/G1	*
Q1RCV1D1	FO2.	04-080B	008	O	RDATA1T	B7/D2	
Q1RCV2D0	QLI1.	04-080	123	I	RCV2D0	B6/G1	*
Q1RCV2D0	FO3.	04-080A	110	O	RDATA0C	B7/F2	
Q1RCV2D1	QLI1.	04-080	023	I	RCV2D1	B6/G1	*
Q1RCV2D1	FO3.	04-080A	010	O	RDATA0T	B7/F2	
Q1RCV3D0	QLI1.	04-080	121	I	RCV3D0	B6/G1	*
Q1RCV3D0	FO3.	04-080A	108	O	RDATA1C	B7/F2	
Q1RCV3D1	QLI1.	04-080	021	I	RCV3D1	B6/G1	*
Q1RCV3D1	FO3.	04-080A	008	O	RDATA1T	B7/F2	
Q1SFDAT0	QLI1.	04-080	336	O	QXSFDAT0	B6/G1	
Q1SFDAT0	SUB.	04-112	554	I	Q1SFDAT0	B6/B6	
Q1SFDAT1	QLI1.	04-080	337	O	QXSFDAT1	B6/G1	

38 LEAD INDEX (CONTINUED)							
LD SIG	FD SIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT
Q1SFDAT1	SUB.	04-112	555	I	Q1SFDAT1	B6/B6	
Q1SFDAT2	QLI1.	04-080	333	O	QXSFDAT2	B6/G1	
Q1SFDAT2	SUB.	04-112	551	I	Q1SFDAT2	B6/B6	
Q1SFDAT3	QLI1.	04-080	334	O	QXSFDAT3	B6/G1	
Q1SFDAT3	SUB.	04-112	552	I	Q1SFDAT3	B6/B6	
Q1SSCDAT	QLI1.	04-080	249	O	QXSSCDAT	B1/F3	
Q1SSCDAT	SUB.	04-112	242	I	Q1SSCDAT	B1/D2	
Q1SSERR	QLI1.	04-080	233	O	QXSSERR	B1/F3	
Q1SSERR	SUB.	04-112	123	I	Q1SSERR	B1/D2	
Q1XM0D1	QLI1.	04-080	051	O	XM0D1	B9/F4	*
Q1XM0D1	FO2.	04-080B	006	I	XMDATA0T	B10/E2	
Q1XM1D1	QLI1.	04-080	049	O	XM1D1	B9/F4	*
Q1XM1D1	FO2.	04-080B	004	I	XMDATA1T	B10/E2	
Q1XM2D1	QLI1.	04-080	019	O	XM2D1	B9/F4	*
Q1XM2D1	FO3.	04-080A	006	I	XMDATA0T	B10/E2	
Q1XM3D1	QLI1.	04-080	017	O	XM3D1	B9/F4	*
Q1XM3D1	FO3.	04-080A	004	I	XMDATA1T	B10/E2	
Q2L0CLKN	QLI2.	04-072	156	O	QXGCLK0C	B11/B6	*
Q2L0CLKP	QLI2.	04-072	056	O	QXGCLK0T	B11/B6	*
Q2L0DIN	QLI2.	04-072	149	O	QXGDIN0C	B11/B6	*
Q2L1CLKN	QLI2.	04-072	143	O	QXGCLK1C	B8/F6	*
Q2L1CLKP	QLI2.	04-072	043	O	QXGCLK1T	B8/F6	*
Q2L1DIN	QLI2.	04-072	136	O	QXGDIN1C	B8/F6	*
Q2L1DIP	QLI2.	04-072	036	O	QXGDIN1T	B8/F6	*
Q2L1DON	QLI2.	04-072	140	O	QXGDAT1C	B8/F6	*
Q2L1SNCP	QLI2.	04-072	142	O	QXGSNC1C	B8/F6	*
Q2L1SNCP	QLI2.	04-072	042	O	QXGSNC1T	B8/F6	*
Q2L1DOP	QLI2.	04-072	040	O	QXGDAT1T	B8/F6	*
Q2RCV0D0	QLI2.	04-072	155	IO	RCV0D0	B6/F4	*
Q2RCV0D0	FO4.	04-072B	110	O	RDATA0C	B7/D3	
Q2RCV0D1	QLI2.	04-072	055	IO	RCV0D1	B6/F4	*
Q2RCV0D1	FO4.	04-072B	010	O	RDATA0T	B7/D3	
Q2RCV1D0	QLI2.	04-072	153	IO	RCV1D0	B6/F4	*
Q2RCV1D0	FO4.	04-072B	108	O	RDATA1C	B7/D3	
Q2RCV1D1	QLI2.	04-072	053	IO	RCV1D1	B6/F4	*
Q2RCV1D1	FO4.	04-072B	008	O	RDATA1T	B7/D3	
Q2RCV2D0	QLI2.	04-072	123	I	RCV2D0	B6/F4	*
Q2RCV2D0	FO5.	04-072A	110	O	RDATA0C	B7/F3	
Q2RCV2D1	QLI2.	04-072	023	I	RCV2D1	B6/F4	*
Q2RCV2D1	FO5.	04-072A	010	O	RDATA0T	B7/F3	
Q2RCV3D0	QLI2.	04-072	121	I	RCV3D0	B6/F4	*
Q2RCV3D0	FO5.	04-072A	108	O	RDATA1C	B7/F3	
Q2RCV3D1	QLI2.	04-072	021	I	RCV3D1	B6/F4	*
Q2RCV3D1	FO5.	04-072A	008	O	RDATA1T	B7/F3	
Q2SFDAT0	QLI2.	04-072	336	O	QXSFDAT0	B6/F4	
Q2SFDAT0	SUB.	04-112	449	I	Q2SFDAT0	B6/B6	
Q2SFDAT1	QLI2.	04-072	337	O	QXSFDAT1	B6/F4	
Q2SFDAT1	SUB.	04-112	450	I	Q2SFDAT1	B6/B6	
Q2SFDAT2	QLI2.	04-072	333	O	QXSFDAT2	B6/F4	
Q2SFDAT2	SUB.	04-112	446	I	Q2SFDAT2	B6/B6	
Q2SFDAT3	QLI2.	04-072	334	O	QXSFDAT3	B6/F4	
Q2SFDAT3	SUB.	04-112	447	I	Q2SFDAT3	B6/B6	
Q2SSCDAT	QLI2.	04-072	249	O	QXSSCDAT	B1/F4	
Q2SSCDAT	SUB.	04-112	240	I	Q2SSCDAT	B1/D2	
Q2SSERR	QLI2.	04-072	233	O	QXSSERR	B1/F4	
Q2SSERR	SUB.	04-112	022	I	Q2SSERR	B1/D2	
Q2XM0D1	QLI2.	04-072	051	O	XM0D1	B9/F4	*
Q2XM0D1	FO4.	04-072B	006	I	XMDATA0T	B10/E3	
Q2XM1D1	QLI2.	04-072	049	O	XM1D1	B9/F4	*
Q2XM1D1	FO4.	04-072B	004	I	XMDATA1T	B10/E3	

39 LEAD INDEX (CONTINUED)							
LD SIG	FD SIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT
Q2XM2D1	QLI2.	04-072	019	O	XM2D1	B9/F4	*
Q2XM2D1	FO5.	04-072A	006	I	XMDATA0T	B10/E3	
Q2XM3D1	QLI2.	04-072	017	O	XM3D1	B9/F4	*
Q2XM3D1	FO5.	04-072A	004	I	XMDATA1T	B10/E3	
Q3L0CLKN	QLI3.	04-064	156	O	QXGCLK0C	B11/E2	*
Q3L0CLKP	QLI3.	04-064	056	O	QXGCLK0T	B11/E2	*
Q3L0DIN	QLI3.	04-064	149	O	QXGDIN0C	B11/E2	*
Q3L1CLKN	QLI3.	04-064	143	O	QXGCLK1C	B8/E2	*
Q3L1CLKP	QLI3.	04-064	043	O	QXGCLK1T	B8/E2	*
Q3L1DIN	QLI3.	04-064	136	O	QXGDIN1C	B8/E2	*
Q3L1DIP	QLI3.	04-064	036	O	QXGDIN1T	B8/E2	*
Q3L1DON	QLI3.	04-064	140	O	QXGDAT1C	B8/E2	*
Q3L1SNCP	QLI3.	04-064	142	O	QXGSNC1C	B8/E2	*
Q3L1SNCP	QLI3.	04-064	042	O	QXGSNC1T	B8/E2	*
Q3L1DOP	QLI3.	04-064	040	O	QXGDAT1T	B8/E2	*
Q3RCV0D0	QLI3.	04-064	155	IO	RCV0D0	B6/E1	*
Q3RCV0D0	FO6.	04-064B	110	O	RDATA0C	B7/D3	
Q3RCV0D1	QLI3.	04-064	055	IO	RCV0D1	B6/E1	*
Q3RCV0D1	FO6.	04-064B	010	O	RDATA0T	B7/D3	
Q3RCV1D0	QLI3.	04-064	153	IO	RCV1D0	B6/E1	*
Q3RCV1D0	FO6.	04-064B	108	O	RDATA1C	B7/D3	
Q3RCV1D1	QLI3.	04-064	053	IO	RCV1D1	B6/E1	*
Q3RCV1D1	FO6.	04-064B	008	O	RDATA1T	B7/D3	
Q3RCV2D0	QLI3.	04-064	123	I	RCV2D0	B6/E1	*
Q3RCV2D0	FO7.	04-064A	110	O	RDATA0C	B7/F4	
Q3RCV2D1	QLI3.	04-064	023	I	RCV2D1	B6/E1	*
Q3RCV2D1	FO7.	04-064A	010	O	RDATA0T	B7/F4	
Q3RCV3D0	QLI3.	04-064	121	I			

40 LEAD INDEX (CONTINUED)							
LD SIG	FD SIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT
Q3XM2D1	FO7.	04-064A	006	I	XMDATA0T	B10/B4	
Q3XM3D1	QLI3.	04-064	017	O	XM3D1	B9/F5	*
Q3XM3D1	FO7.	04-064A	004	I	XMDATA1T	B10/B4	
Q4L0CLKN	QLI4.	04-056	156	O	QXGCLK0C	B11/D6	*
Q4L0CLKP	QLI4.	04-056	056	O	QXGCLK0T	B11/D6	*
Q4L0DIN	QLI4.	04-056	149	O	QXGDIN0C	B11/D6	*
Q4L1CLKN	QLI4.	04-056	143	O	QXGCLK1C	B8/D6	*
Q4L1CLKP	QLI4.	04-056	043	O	QXGCLK1T	B8/D6	*
Q4L1DIN	QLI4.	04-056	136	O	QXGDIN1C	B8/D6	*
Q4L1DIP	QLI4.	04-056	036	O	QXGDIN1T	B8/D6	*
Q4L1DON	QLI4.	04-056	140	O	QXGDAT1C	B8/D6	*
Q4L1SNCN	QLI4.	04-056	142	O	QXGSNC1C	B8/D6	*
Q4L1SNCP	QLI4.	04-056	042	O	QXGSNC1T	B8/D6	*
Q4L1DOP	QLI4.	04-056	040	O	QXGDAT1T	B8/D6	*
Q4RCV0D0	QLI4.	04-056	155	IO	RCV0D0	B6/D4	*
Q4RCV0D0	FO8.	04-056B	110	O	RDATA0C	B7/D4	
Q4RCV0D1	QLI4.	04-056	055	IO	RCV0D1	B6/D4	*
Q4RCV0D1	FO8.	04-056B	010	O	RDATA0T	B7/D4	
Q4RCV1D0	QLI4.	04-056	153	IO	RCV1D0	B6/D4	*
Q4RCV1D0	FO8.	04-056B	108	O	RDATA1C	B7/D4	
Q4RCV1D1	QLI4.	04-056	053	IO	RCV1D1	B6/D4	*
Q4RCV1D1	FO8.	04-056B	008	O	RDATA1T	B7/D4	
Q4RCV2D0	QLI4.	04-056	123	I	RCV2D0	B6/D4	*
Q4RCV2D0	FO9.	04-056A	110	O	RDATA0C	B7/F5	
Q4RCV2D1	QLI4.	04-056	023	I	RCV2D1	B6/D4	*
Q4RCV2D1	FO9.	04-056A	010	O	RDATA0T	B7/F5	
Q4RCV3D0	QLI4.	04-056	121	I	RCV3D0	B6/D4	*
Q4RCV3D0	FO9.	04-056A	108	O	RDATA1C	B7/F5	
Q4RCV3D1	QLI4.	04-056	021	I	RCV3D1	B6/D4	*
Q4RCV3D1	FO9.	04-056A	008	O	RDATA1T	B7/F5	
Q4SFDAT0	QLI4.	04-056	336	O	QXSFDAT0	B6/D4	
Q4SFDAT0	SUB.	04-112	443	I	Q4SFDAT0	B6/B6	
Q4SFDAT1	QLI4.	04-056	337	O	QXSFDAT1	B6/D4	
Q4SFDAT1	SUB.	04-112	444	I	Q4SFDAT1	B6/B6	
Q4SFDAT2	QLI4.	04-056	333	O	QXSFDAT2	B6/D4	
Q4SFDAT2	SUB.	04-112	440	I	Q4SFDAT2	B6/B6	
Q4SFDAT3	QLI4.	04-056	334	O	QXSFDAT3	B6/D4	
Q4SFDAT3	SUB.	04-112	441	I	Q4SFDAT3	B6/B6	
Q4SSCDAT	QLI4.	04-056	249	O	QXSSCDAT	B1/F6	
Q4SSCDAT	SUB.	04-112	237	I	Q4SSCDAT	B1/D2	
Q4SSERR	QLI4.	04-056	233	O	QXSSERR	B1/F6	
Q4SSERR	SUB.	04-112	021	I	Q4SSERR	B1/D2	
Q4XM0D1	QLI4.	04-056	051	O	XMOD1	B9/F6	*
Q4XM0D1	FO8.	04-056B	006	I	XMDATA0T	B10/B5	
Q4XM1D1	QLI4.	04-056	049	O	XM1D1	B9/F6	*
Q4XM1D1	FO8.	04-056B	004	I	XMDATA1T	B10/B5	
Q4XM2D1	QLI4.	04-056	019	O	XM2D1	B9/F6	*
Q4XM2D1	FO9.	04-056A	006	I	XMDATA0T	B10/B5	
Q4XM3D1	QLI4.	04-056	017	O	XM3D1	B9/F6	*
Q4XM3D1	FO9.	04-056A	004	I	XMDATA1T	B10/B5	
Q5L0CLKN	QLI5.	04-048	156	O	QXGCLK0C	B11/D2	*
Q5L0CLKP	QLI5.	04-048	056	O	QXGCLK0T	B11/D2	*
Q5L0DIN	QLI5.	04-048	149	O	QXGDIN0C	B11/D2	*
Q5L1CLKN	QLI5.	04-048	143	O	QXGCLK1C	B8/D2	*
Q5L1CLKP	QLI5.	04-048	043	O	QXGCLK1T	B8/D2	*
Q5L1DIN	QLI5.	04-048	136	O	QXGDIN1C	B8/D2	*
Q5L1DIP	QLI5.	04-048	036	O	QXGDIN1T	B8/D2	*

41 LEAD INDEX (CONTINUED)							
LD SIG	FD SIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT
Q5L1DON	QLI5.	04-048	140	O	QXGDAT1C	B8/D2	*
Q5L1SNCN	QLI5.	04-048	142	O	QXGSNC1C	B8/D2	*
Q5L1SNCP	QLI5.	04-048	042	O	QXGSNC1T	B8/D2	*
Q5L1DOP	QLI5.	04-048	040	O	QXGDAT1T	B8/D2	*
Q5RCV0D0	QLI5.	04-048	155	IO	RCV0D0	B6/C1	*
Q5RCV0D0	FO10.	04-048B	110	O	RDATA0C	B7/D5	
Q5RCV0D1	QLI5.	04-048	055	IO	RCV0D1	B6/C1	*
Q5RCV0D1	FO10.	04-048B	010	O	RDATA0T	B7/D5	
Q5RCV1D0	QLI5.	04-048	153	IO	RCV1D0	B6/C1	*
Q5RCV1D0	FO10.	04-048B	108	O	RDATA1C	B7/D5	
Q5RCV1D1	QLI5.	04-048	053	IO	RCV1D1	B6/C1	*
Q5RCV1D1	FO10.	04-048B	008	O	RDATA1T	B7/D5	
Q5RCV2D0	QLI5.	04-048	123	I	RCV2D0	B6/C1	*
Q5RCV2D0	FO11.	04-048A	110	O	RDATA0C	B7/F5	
Q5RCV2D1	QLI5.	04-048	023	I	RCV2D1	B6/C1	*
Q5RCV2D1	FO11.	04-048A	010	O	RDATA0T	B7/F5	
Q5RCV3D0	QLI5.	04-048	121	I	RCV3D0	B6/C1	*
Q5RCV3D0	FO11.	04-048A	108	O	RDATA1C	B7/F5	
Q5RCV3D1	QLI5.	04-048	021	I	RCV3D1	B6/C1	*
Q5RCV3D1	FO11.	04-048A	008	O	RDATA1T	B7/F5	
Q5SFDAT0	QLI5.	04-048	336	O	QXSFDAT0	B6/C1	
Q5SFDAT0	SUB.	04-112	542	I	Q5SFDAT0	B6/B6	
Q5SFDAT1	QLI5.	04-048	337	O	QXSFDAT1	B6/C1	
Q5SFDAT1	SUB.	04-112	543	I	Q5SFDAT1	B6/B6	
Q5SFDAT2	QLI5.	04-048	333	O	QXSFDAT2	B6/C1	
Q5SFDAT2	SUB.	04-112	539	I	Q5SFDAT2	B6/B6	
Q5SFDAT3	QLI5.	04-048	334	O	QXSFDAT3	B6/C1	
Q5SFDAT3	SUB.	04-112	540	I	Q5SFDAT3	B6/B6	
Q5SSCDAT	QLI5.	04-048	249	O	QXSSCDAT	B1/F7	
Q5SSCDAT	SUB.	04-112	236	I	Q5SSCDAT	B1/D2	
Q5SSERR	QLI5.	04-048	233	O	QXSSERR	B1/F7	
Q5SSERR	SUB.	04-112	121	I	Q5SSERR	B1/D2	
Q5XM0D1	QLI5.	04-048	051	O	XMOD1	B9/F7	*
Q5XM0D1	FO10.	04-048B	006	I	XMDATA0T	B10/B6	
Q5XM1D1	QLI5.	04-048	049	O	XM1D1	B9/F7	*
Q5XM1D1	FO10.	04-048B	004	I	XMDATA1T	B10/B6	
Q5XM2D1	QLI5.	04-048	019	O	XM2D1	B9/F7	*
Q5XM2D1	FO11.	04-048A	006	I	XMDATA0T	B10/B6	
Q5XM3D1	QLI5.	04-048	017	O	XM3D1	B9/F7	*
Q5XM3D1	FO11.	04-048A	004	I	XMDATA1T	B10/B6	
Q6L0CLKN	QLI6.	04-040	156	O	QXGCLK0C	B11/C6	*
Q6L0CLKP	QLI6.	04-040	056	O	QXGCLK0T	B11/C6	*
Q6L0DIN	QLI6.	04-040	149	O	QXGDIN0C	B11/C6	*
Q6L1CLKN	QLI6.	04-040	143	O	QXGCLK1C	B8/C6	*
Q6L1CLKP	QLI6.	04-040	043	O	QXGCLK1T	B8/C6	*
Q6L1DIN	QLI6.	04-040	136	O	QXGDIN1C	B8/C6	*
Q6L1DIP	QLI6.	04-040	036	O	QXGDIN1T	B8/C6	*
Q6L1DON	QLI6.	04-040	140	O	QXGDAT1C	B8/C6	*
Q6L1SNCN	QLI6.	04-040	142	O	QXGSNC1C	B8/C6	*
Q6L1SNCP	QLI6.	04-040	042	O	QXGSNC1T	B8/C6	*
Q6L1DOP	QLI6.	04-040	040	O	QXGDAT1T	B8/C6	*
Q6RCV0D0	QLI6.	04-040	155	IO	RCV0D0	B6/B4	*
Q6RCV0D0	FO12.	04-040B	110	O	RDATA0C	B7/D6	
Q6RCV0D1	QLI6.	04-040	055	IO	RCV0D1	B6/B4	*
Q6RCV0D1	FO12.	04-040B	010	O	RDATA0T	B7/D6	
Q6RCV1D0	QLI6.	04-040	153	IO	RCV1D0	B6/B4	*
Q6RCV1D0	FO12.	04-040B	108	O	RDATA1C	B7/D6	
Q6RCV1D1	QLI6.	04-040	053	IO	RCV1D1	B6/B4	*
Q6RCV1D1	FO12.	04-040B	008	O	RDATA1T	B7/D6	

42 LEAD INDEX (CONTINUED)							
LD SIG	FD SIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLC	XT
Q6RCV2D0	QLI6.	04-040	123	I	RCV2D0	B6/B4	*
Q6RCV2D0	FO13.	04-040A	110	O	RDATA0C	B7/F6	
Q6RCV2D1	QLI6.	04-040	023	I	RCV2D1	B6/B4	*
Q6RCV2D1	FO13.	04-040A	010	O	RDATA0T	B7/F6	
Q6RCV3D0	QLI6.	04-040	121	I	RCV3D0	B6/B4	*
Q6RCV3D0	FO13.	04-040A	108	O	RDATA1C	B7/F6	
Q6RCV3D1	QLI6.	04-040	021	I	RCV3D1	B6/B4	*
Q6RCV3D1	FO13.	04-040A	008	O	RDATA1T	B7/F6	
Q6SFDAT0	QLI6.	04-040	336	O	QXSFDAT0	B6/B4	
Q6SFDAT0	SUB.	04-112	437	I	Q6SFDAT0	B6/B6	
Q6SFDAT1	QLI6.	04-040	337	O	QXSFDAT1	B6/B4	
Q6SFDAT1	SUB.	04-112	438	I	Q6SFDAT1	B6/B6	
Q6SFDAT2	QLI6.	04-040	333	O	QXSFDAT2	B6/B4	
Q6SFDAT2	SUB.	04-112	434	I	Q6SFDAT2	B6/B6	
Q6SFDAT3	QLI6.	04-040	334	O	QXSFDAT3	B6/B4	
Q6SFDAT3	SUB.	04-112	435	I	Q6SFDAT3	B6/B6	
Q6SSCDAT	QLI6.	04-040	249	O	QXSSCDAT	B1/F8	
Q6SSCDAT	SUB.	04-112	234	I	Q6SSCDAT	B1/D2	
Q6SSERR	QLI6.	04-040	233	O	QXSSERR	B1/F8	
Q6SSERR	SUB.	04-112	020	I	Q6SSERR	B1/D2	
Q6XM0D1	QLI6.	04-040	051	O	XMOD1	B9/F7	*
Q6XM0D1	FO12.	04-040B	006	I	XMDATA0T	B10/E7	
Q6XM1D1	QLI6.	04-040	049	O	XM1D1	B9/F7	*
Q6XM1D1	FO12.	04-040B	004	I	XMDATA1T	B10/E7	
Q6XM2D1	QLI6.	04-040	019	O	XM2D1	B9/F7	*
Q6XM2D1	FO13.	04-040A	006	I	XMDATA0T	B10/E7	
Q6XM3D1	QLI6.	04-040	017	O	XM3D1	B9/F7	*
Q6XM3D1	FO13.	04-040A	004	I	XMDATA1T	B10/E7	
Q7L0CLKN	QLI7.	04-032	156	O	QXGCLK0C	B11/B2	*
Q7L0CLKP	QLI7.	04-032	056	O	QXGCLK0T	B11/B2	*
Q7L0DIN	QLI7.	04-032	149	O	QXGDIN0C	B11/B2	*
Q7L1CLKN	QLI7.	04-032	143	O	QXGCLK1C	B8/C2	*
Q7L1CLKP	QLI7.	04-032	043	O	QXGCLK1T	B8/C2	*
Q7L1DIN	QLI7.	04-032	136	O	QXGDIN1C	B8/C2	*
Q7L1DIP	QLI7.	04-032	036	O	QXGDIN1T	B8/C2	*
Q7L1DON	QLI7.	04-032	140	O	QXGDAT1C	B8/C2	*
Q7L1SNCN	QLI7.	04-032	142	O	QXGSNC1C	B8/C2	*
Q7L1SNCP	QLI7.	04-032	042	O	QXGSNC1T	B8/C2	*
Q7L1DOP	QLI7.	04-032	040	O	QXGDAT1T	B8/C2	*
Q7RCV0D0	QLI7.	04-032	155	IO	RCV0D0	B6/B1	*
Q7RCV0D0	FO14.	04-032B	110	O	RDATA0C	B7/D6	
Q7RCV0D1	QLI7.	04-032	055	IO	RCV0D1	B6/B1	*
Q7RCV0D1	FO14.	04-032B	010	O	RDATA0T	B7/D6	
Q7RCV1D0	QLI7.	04-032	153	IO	RCV1D0	B6/B1	*
Q7RCV1D0	FO14.	04-032B	108	O	RDATA1C	B7/D6	
Q7RCV1D1	QLI7.	04-032	053	IO	RCV1D1	B6/B1	*
Q7RCV1D1	FO14.	04-032B	008	O	RDATA1T	B7/D6	

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**TIME MULTIPLEXED  
SWITCH UNIT  
MODEL 3**

DWG SIZE <b>C2</b>	ISSUE <b>4M</b>
Lucent Technologies	SD-5D191-01
SHEET A18	

43 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
Q7RCV2D0	QLI7.	04-032	123	I	RCV2D0	B6/B1	*
Q7RCV2D0	FO15.	04-032A	110	O	RDATA0C	B7/F7	
Q7RCV2D1	QLI7.	04-032	023	I	RCV2D1	B6/B1	*
Q7RCV2D1	FO15.	04-032A	010	O	RDATA0T	B7/F7	
Q7RCV3D0	QLI7.	04-032	121	I	RCV3D0	B6/B1	*
Q7RCV3D0	FO15.	04-032A	108	O	RDATA1C	B7/F7	
Q7RCV3D1	QLI7.	04-032	021	I	RCV3D1	B6/B1	*
Q7RCV3D1	FO15.	04-032A	008	O	RDATA1T	B7/F7	
Q7SFDAT0	QLI7.	04-032	336	O	QXSFDAT0	B6/B1	
Q7SFDAT0	SUB.	04-112	536	I	Q7SFDAT0	B6/B6	
Q7SFDAT1	QLI7.	04-032	337	O	QXSFDAT1	B6/B1	
Q7SFDAT1	SUB.	04-112	537	I	Q7SFDAT1	B6/B6	
Q7SFDAT2	QLI7.	04-032	333	O	QXSFDAT2	B6/B1	
Q7SFDAT2	SUB.	04-112	533	I	Q7SFDAT2	B6/B6	
Q7SFDAT3	QLI7.	04-032	334	O	QXSFDAT3	B6/B1	
Q7SFDAT3	SUB.	04-112	534	I	Q7SFDAT3	B6/B6	
Q7SSCDAT	QLI7.	04-032	249	O	QXSSCDAT	B1/F8	
Q7SSCDAT	SUB.	04-112	233	I	Q7SSCDAT	B1/D2	
Q7SSERR	QLI7.	04-032	233	O	QXSSERR	B1/F8	
Q7SSERR	SUB.	04-112	120	I	Q7SSERR	B1/D2	
Q7XM0D1	QLI7.	04-032	051	O	XM0D1	B9/F8	*
Q7XM0D1	FO14.	04-032B	006	I	XMDATA0T	B10/E8	
Q7XM1D1	QLI7.	04-032	049	O	XM1D1	B9/F8	*
Q7XM1D1	FO14.	04-032B	004	I	XMDATA1T	B10/E8	
Q7XM2D1	QLI7.	04-032	019	O	XM2D1	B9/F8	*
Q7XM2D1	FO15.	04-032A	006	I	XMDATA0T	B10/E8	
Q7XM3D1	QLI7.	04-032	017	O	XM3D1	B9/F8	*
Q7XM3D1	FO15.	04-032A	004	I	XMDATA1T	B10/E8	
RQIP3B	CD.	04-008	152	I	RQIP3B	B14/E2	
RQIP3B	04-012	04-012	051	I		B14/B2	*
RQIP3B	04-014	04-014	051	O		B14/F2	*
RQIP3B	TF2	36-012	051	I	RQIP3B	B15/E2	
RQIP3B	TF4	36-014	051	I	RQIP3B	B15/E4	
RQIP3BR	CD.	04-008	052	I	RQIP3BR	B14/E2	
RQIP3BR	CD.	04-008	144	O	RQIP48P	B14/E2	
RS1	CD.	04-008	124	O	RS1	B12/C1	
RS1	P0	04-016	011	I	RS1	B12/D3	
RS1	P1	04-024	011	I	RS1	B12/B3	
RS1	P2	04-096	011	I	RS1	B12/G3	
RS1	P3	04-104	011	I	RS1	B12/H3	
RS2	CD.	04-008	122	O	RS2	B12/C1	
RS2	P0	04-016	110	I	RS2	B12/D3	
RS2	P1	04-024	110	I	RS2	B12/B3	
RS2	P2	04-096	110	I	RS2	B12/G3	
RS2	P3	04-104	110	I	RS2	B12/H3	
RS3	CD.	04-008	009	O	RS3	B12/C1	
RS3	P0	04-016	109	I	RS3	B12/D3	
RS3	P1	04-024	109	I	RS3	B12/B3	
RS3	P2	04-096	109	I	RS3	B12/G3	
RS3	P3	04-104	109	I	RS3	B12/H3	
SCV3B0	CD.	04-008	135	O	SCV0	B14/E2	
SCV3B0	04-013	04-013	049	O		B14/F6	*
SCV3B0	04-015	04-015	049	I		B14/B6	*
SCV3B0	TF3	36-013	049	O	SCV3B0	B15/B3	
SCV3B0	TF5	36-015	049	O	SCV3B0	B15/E5	
SCV3B1	CD.	04-008	136	O	SCV1	B14/E2	
SCV3B1	04-013	04-013	048	O		B14/F6	*
SCV3B1	04-015	04-015	048	I		B14/B7	*
SCV3B1	TF3	36-013	048	O	SCV3B1	B15/B3	
SCV3B1	TF5	36-015	048	O	SCV3B1	B15/E5	
SCVR0	CD.	04-008	035	O	SCVRTN0	B14/E2	
SCVR0	04-012	04-012	049	O		B14/F4	*
SCVR0	04-014	04-014	049	I		B14/B5	*
SCVR0	TF2	36-012	049	O	SCVR0	B15/E2	
SCVR0	TF4	36-014	049	O	SCVR0	B15/E4	
SCVR1	CD.	04-008	036	O	SCVRTN1	B14/E2	
SCVR1	04-012	04-012	048	O		B14/F4	*
SCVR1	04-014	04-014	048	I		B14/B5	*
SCVR1	TF2	36-012	048	O	SCVR1	B15/E2	
SCVR1	TF4	36-014	048	O	SCVR1	B15/E4	
SCW3B	CD.	04-008	043	O	SCWR1	B14/E2	
SCW3B	04-013	04-013	055	O		B14/F6	*
SCW3B	TF3	36-013	055	O	SCW3B	B15/E3	

44 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
SCWIO	04-012	04-012	055	O		B14/F5	*
SCWIO	04-014	04-014	055	I		B14/B6	*
SCWIO	TF2	36-012	055	O	SCWIO	B15/E2	
SCWIO	TF4	36-014	055	O	SCWIO	B15/E4	
SCWL	CD.	04-008	056	O	SCWR0	B14/E2	
SCWL	CD.	04-008	143	O	SCW3B1	B14/E2	
SCWR	CD.	04-008	156	O	SCW3B0	B14/E2	
SCWR	04-015	04-015	055	I		B14/B7	*
SCWR	TF5	36-015	055	O	SCWR	B15/E5	
SCX3B0	CD.	04-008	154	O	SCX3B0	B14/E2	
SCX3B0	04-013	04-013	054	O		B14/F6	*
SCX3B0	04-015	04-015	054	I		B14/B7	*
SCX3B0	TF3	36-013	054	O	SCX3B0	B15/B3	
SCX3B0	TF5	36-015	054	O	SCX3B0	B15/E5	
SCX3B1	CD.	04-008	141	O	SCX3B1	B14/E2	
SCX3B1	04-013	04-013	046	O		B14/F6	*
SCX3B1	04-015	04-015	046	I		B14/B7	*
SCX3B1	TF3	36-013	046	O	SCX3B1	B15/B3	
SCX3B1	TF5	36-015	046	O	SCX3B1	B15/E5	
SCXR0	CD.	04-008	054	O	SCX3B0R	B14/E2	
SCXR0	04-012	04-012	054	O		B14/F5	*
SCXR0	04-014	04-014	054	I		B14/B6	*
SCXR0	TF2	36-012	054	O	SCXR0	B15/E2	
SCXR0	TF4	36-014	054	O	SCXR0	B15/E4	
SCXR1	CD.	04-008	041	O	SCX3B1R	B14/E2	
SCXR1	04-012	04-012	046	O		B14/F4	*
SCXR1	04-014	04-014	046	I		B14/B5	*
SCXR1	TF2	36-012	046	O	SCXR1	B15/E2	
SCXR1	TF4	36-014	046	O	SCXR1	B15/E4	
SCY3B	CD.	04-008	053	O	SCY3BR	B14/E2	
SCY3B	04-013	04-013	053	O		B14/F6	*
SCY3B	TF3	36-013	053	O	SCY3B	B15/B3	
SCYIO	04-012	04-012	053	O		B14/F4	*
SCYIO	04-014	04-014	053	I		B14/B6	*
SCYIO	TF2	36-012	053	O	SCYIO	B15/E2	
SCYIO	TF4	36-014	053	O	SCYIO	B15/E4	
SCYR	CD.	04-008	153	O	MPF0	B14/E2	
SCYR	04-015	04-015	053	I		B14/B7	*
SCYR	TF5	36-015	053	O	SCYR	B15/E5	
SCZ3B0	CD.	04-008	155	O	SCZ3B0	B14/E2	
SCZ3B0	04-013	04-013	052	O		B14/F6	*
SCZ3B0	04-015	04-015	052	I		B14/B7	*
SCZ3B0	TF3	36-013	052	O	SCZ3B0	B15/B3	
SCZ3B0	TF5	36-015	052	O	SCZ3B0	B15/E5	
SCZ3B1	CD.	04-008	142	O	SCZ3B1	B14/E2	
SCZ3B1	04-013	04-013	045	O		B14/F6	*
SCZ3B1	04-015	04-015	045	I		B14/B7	*
SCZ3B1	TF3	36-013	045	O	SCZ3B1	B15/B3	
SCZ3B1	TF5	36-015	045	O	SCZ3B1	B15/E5	
SCZR0	CD.	04-008	055	O	SCZR0	B14/E2	
SCZR0	04-012	04-012	052	O		B14/F4	*
SCZR0	04-014	04-014	052	I		B14/B6	*
SCZR0	TF2	36-012	052	O	SCZR0	B15/E2	
SCZR0	TF4	36-014	052	O	SCZR0	B15/E4	
SCZR1	CD.	04-008	042	O	SCZR1	B14/E2	
SCZR1	04-012	04-012	045	O		B14/F4	*
SCZR1	04-014	04-014	045	I		B14/B6	*
SCZR1	TF2	36-012	045	O	SCZR1	B15/E2	
SCZR1	TF4	36-014	045	O	SCZR1	B15/E4	
SEDAT0C	SUB.	04-112	523	O	SEDAT0C	B6/B6	*
SEDAT0T	SUB.	04-112	424	O	SEDAT0T	B6/B6	*
SEDAT10C	SUB.	04-112	507	O	SEDAT10C	B6/B6	*
SEDAT10T	SUB.	04-112	408	O	SEDAT10T	B6/B6	*
SEDAT11C	SUB.	04-112	506	O	SEDAT11C	B6/B6	*
SEDAT11T	SUB.	04-112	407	O	SEDAT11T	B6/B6	*
SEDAT12C	SUB.	04-112	504	O	SEDAT12C	B6/B6	*
SEDAT12T	SUB.	04-112	405	O	SEDAT12T	B6/B6	*
SEDAT13C	SUB.	04-112	503	O	SEDAT13C	B6/B6	*
SEDAT13T	SUB.	04-112	404	O	SEDAT13T	B6/B6	*
SEDAT14C	SUB.	04-112	501	O	SEDAT14C	B6/B6	*

45 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
SEDAT14T	SUB.	04-112	402	O	SEDAT14T	B6/B6	*
SEDAT15C	SUB.	04-112	500	O	SEDAT15C	B6/B6	*
SEDAT15T	SUB.	04-112	401	O	SEDAT15T	B6/B6	*
SEDAT1C	SUB.	04-112	522	O	SEDAT1C	B6/B6	*
SEDAT1T	SUB.	04-112	423	O	SEDAT1T	B6/B6	*
SEDAT2C	SUB.	04-112	520	O	SEDAT2C	B6/B6	*
SEDAT2T	SUB.	04-112	421	O	SEDAT2T	B6/B6	*
SEDAT3C	SUB.	04-112	519	O	SEDAT3C	B6/B6	*
SEDAT3T	SUB.	04-112	420	O	SEDAT3T	B6/B6	*
SEDAT4C	SUB.	04-112	517	O	SEDAT4C	B6/B6	*
SEDAT4T	SUB.	04-112	418	O	SEDAT4T	B6/B6	*
SEDAT5C	SUB.	04-112	516	O	SEDAT5C	B6/B6	*
SEDAT5T	SUB.	04-112	417	O			

46 LEAD INDEX (CONTINUED)							
LD SIG	FD SIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
SQ1R65T	SUB.		04-112	053	O	SQ1R65T	B4/E1
SQ1RSYNC	QLI1.		04-080	354	I	SQXRSYNC	B4/G3
SQ1RSYNC	SUB.		04-112	152	O	SQ1RSYNC	B4/E1
SQ1RSYNT	QLI1.		04-080	254	I	SQXRSYNT	B4/G3
SQ1RSYNT	SUB.		04-112	052	O	SQ1RSYNT	B4/E1
SQ1SCADD	QLI1.		04-080	251	I	SQXSCADD	B1/F3
SQ1SCADD	SUB.		04-112	354	O	SQ1SCADD	B1/D2
SQ1SCDAT	QLI1.		04-080	252	I	SQXSCDAT	B1/F3
SQ1SCDAT	SUB.		04-112	355	O	SQ1SCDAT	B1/D2
SQ2R65C	QLI2.		04-072	355	I	R65A0	B4/G4
SQ2R65C	SUB.		04-112	150	O	SQ2R65C	B4/E1
SQ2R65T	QLI2.		04-072	255	I	R65A1	B4/G4
SQ2R65T	SUB.		04-112	050	O	SQ2R65T	B4/E1
SQ2RSYNC	QLI2.		04-072	354	I	SQXRSYNC	B4/G4
SQ2RSYNC	SUB.		04-112	149	O	SQ2RSYNC	B4/E1
SQ2RSYNT	QLI2.		04-072	254	I	SQXRSYNT	B4/G4
SQ2RSYNT	SUB.		04-112	049	O	SQ2RSYNT	B4/E1
SQ2SCADD	QLI2.		04-072	251	I	SQXSCADD	B1/F4
SQ2SCADD	SUB.		04-112	251	O	SQ2SCADD	B1/D2
SQ2SCDAT	QLI2.		04-072	252	I	SQXSCDAT	B1/F4
SQ2SCDAT	SUB.		04-112	252	O	SQ2SCDAT	B1/D2
SQ3R65C	QLI3.		04-064	355	I	R65A0	B4/G4
SQ3R65C	SUB.		04-112	147	O	SQ3R65C	B4/E1
SQ3R65T	QLI3.		04-064	255	I	R65A1	B4/G4
SQ3R65T	SUB.		04-112	047	O	SQ3R65T	B4/E1
SQ3RSYNC	QLI3.		04-064	354	I	SQXRSYNC	B4/G4
SQ3RSYNC	SUB.		04-112	146	O	SQ3RSYNC	B4/E1
SQ3RSYNT	QLI3.		04-064	254	I	SQXRSYNT	B4/G4
SQ3RSYNT	SUB.		04-112	046	O	SQ3RSYNT	B4/E1
SQ3SCADD	QLI3.		04-064	251	I	SQXSCADD	B1/F5
SQ3SCADD	SUB.		04-112	351	O	SQ3SCADD	B1/D2
SQ3SCDAT	QLI3.		04-064	252	I	SQXSCDAT	B1/F5
SQ3SCDAT	SUB.		04-112	352	O	SQ3SCDAT	B1/D2
SQ4R65C	QLI4.		04-056	355	I	R65A0	B4/G5
SQ4R65C	SUB.		04-112	142	O	SQ4R65C	B4/E1
SQ4R65T	QLI4.		04-056	255	I	R65A1	B4/G5
SQ4R65T	SUB.		04-112	042	O	SQ4R65T	B4/E1
SQ4RSYNC	QLI4.		04-056	354	I	SQXRSYNC	B4/G5
SQ4RSYNC	SUB.		04-112	141	O	SQ4RSYNC	B4/E1
SQ4RSYNT	QLI4.		04-056	254	I	SQXRSYNT	B4/G5
SQ4RSYNT	SUB.		04-112	041	O	SQ4RSYNT	B4/E1
SQ4SCADD	QLI4.		04-056	251	I	SQXSCADD	B1/F6
SQ4SCADD	SUB.		04-112	248	O	SQ4SCADD	B1/D2
SQ4SCDAT	QLI4.		04-056	252	I	SQXSCDAT	B1/F6
SQ4SCDAT	SUB.		04-112	249	O	SQ4SCDAT	B1/D2
SQ5R65C	QLI5.		04-048	355	I	R65A0	B4/G6
SQ5R65C	SUB.		04-112	139	O	SQ5R65C	B4/E1
SQ5R65T	QLI5.		04-048	255	I	R65A1	B4/G6
SQ5R65T	SUB.		04-112	039	O	SQ5R65T	B4/E1
SQ5RSYNC	QLI5.		04-048	354	I	SQXRSYNC	B4/G6
SQ5RSYNC	SUB.		04-112	138	O	SQ5RSYNC	B4/E1
SQ5RSYNT	QLI5.		04-048	254	I	SQXRSYNT	B4/G6
SQ5RSYNT	SUB.		04-112	038	O	SQ5RSYNT	B4/E1
SQ5SCADD	QLI5.		04-048	251	I	SQXSCADD	B1/F7
SQ5SCADD	SUB.		04-112	348	O	SQ5SCADD	B1/D2
SQ5SCDAT	QLI5.		04-048	252	I	SQXSCDAT	B1/F7
SQ5SCDAT	SUB.		04-112	349	O	SQ5SCDAT	B1/D2
SQ6R65C	QLI6.		04-040	355	I	R65A0	B4/G6
SQ6R65C	SUB.		04-112	136	O	SQ6R65C	B4/E1
SQ6R65T	QLI6.		04-040	255	I	R65A1	B4/G6
SQ6R65T	SUB.		04-112	036	O	SQ6R65T	B4/E1
SQ6RSYNC	QLI6.		04-040	354	I	SQXRSYNC	B4/G6
SQ6RSYNC	SUB.		04-112	135	O	SQ6RSYNC	B4/E1
SQ6RSYNT	QLI6.		04-040	254	I	SQXRSYNT	B4/G6

47 LEAD INDEX (CONTINUED)							
LD SIG	FD SIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
SQ6RSYNT	SUB.		04-112	035	O	SQ6RSYNT	B4/E1
SQ6SCADD	QLI6.		04-040	251	I	SQXSCADD	B1/F8
SQ6SCADD	SUB.		04-112	245	O	SQ6SCADD	B1/D2
SQ6SCDAT	QLI6.		04-040	252	I	SQXSCDAT	B1/F8
SQ6SCDAT	SUB.		04-112	246	O	SQ6SCDAT	B1/D2
SQ7R65C	QLI7.		04-032	355	I	R65A0	B4/G7
SQ7R65C	SUB.		04-112	134	O	SQ7R65C	B4/E1
SQ7R65T	QLI7.		04-032	255	I	R65A1	B4/G7
SQ7R65T	SUB.		04-112	034	O	SQ7R65T	B4/E1
SQ7RSYNC	QLI7.		04-032	354	I	SQXRSYNC	B4/G7
SQ7RSYNC	SUB.		04-112	133	O	SQ7RSYNC	B4/E1
SQ7RSYNT	QLI7.		04-032	254	I	SQXRSYNT	B4/G7
SQ7RSYNT	SUB.		04-112	033	O	SQ7RSYNT	B4/E1
SQ7SCADD	QLI7.		04-032	251	I	SQXSCADD	B1/F8
SQ7SCADD	SUB.		04-112	345	O	SQ7SCADD	B1/D2
SQ7SCDAT	QLI7.		04-032	252	I	SQXSCDAT	B1/F8
SQ7SCDAT	SUB.		04-112	346	O	SQ7SCDAT	B1/D2
SSEL0	QLI7.		04-032	323	I	SSEL0	B1/F8
SSEL0	QLI6.		04-040	323	I	SSEL0	B1/F8
SSEL0	QLI5.		04-048	323	I	SSEL0	B1/F7
SSEL0	QLI4.		04-056	323	I	SSEL0	B1/F6
SSEL0	QLI3.		04-064	323	I	SSEL0	B1/F5
SSEL0	QLI2.		04-072	323	I	SSEL0	B1/F4
SSEL0	QLI1.		04-080	323	I	SSEL0	B1/F3
SSEL0	QLI0.		04-088	323	I	SSEL0	B1/F2
SSEL0	SUB.		04-112	512	I	SSEL0	B1/D2
SSEL0	CRFAB.C	C	04-131	504	I	SSEL0	B2/F2
SSEL0	KBN2TF1.		04-173	304	I	SSEL0	B16/D4 *
SSEL1	QLI7.		04-032	223	I	SSEL1	B1/F8
SSEL1	QLI6.		04-040	223	I	SSEL1	B1/F8
SSEL1	QLI5.		04-048	223	I	SSEL1	B1/F7
SSEL1	QLI4.		04-056	223	I	SSEL1	B1/F6
SSEL1	QLI3.		04-064	223	I	SSEL1	B1/F5
SSEL1	QLI2.		04-072	223	I	SSEL1	B1/F4
SSEL1	QLI1.		04-080	223	I	SSEL1	B1/F3
SSEL1	QLI0.		04-088	223	I	SSEL1	B1/F2
SSEL1	SUB.		04-112	412	I	SSEL1	B1/D2
SSEL1	CRFAB.C	C	04-131	503	I	SSEL1	B2/F2
SSEL1	KBN2TF1.		04-173	303	I	SSEL1	B16/D4 *
SSEL2	QLI7.		04-032	322	I	SSEL2	B1/F8
SSEL2	QLI6.		04-040	322	I	SSEL2	B1/F8
SSEL2	QLI5.		04-048	322	I	SSEL2	B1/F7
SSEL2	QLI4.		04-056	322	I	SSEL2	B1/F6
SSEL2	QLI3.		04-064	322	I	SSEL2	B1/F5
SSEL2	QLI2.		04-072	322	I	SSEL2	B1/F4
SSEL2	QLI1.		04-080	322	I	SSEL2	B1/F3
SSEL2	QLI0.		04-088	322	I	SSEL2	B1/F2
SSEL2	SUB.		04-112	115	I	SSEL2	B1/D2
SSEL2	CRFAB.C	C	04-131	501	I	SSEL2	B2/F2
SSEL2	KBN2TF1.		04-173	301	I	SSEL2	B16/D4 *
SSEL3	QLI7.		04-032	222	I	SSEL3	B1/F8
SSEL3	QLI6.		04-040	222	I	SSEL3	B1/F8
SSEL3	QLI5.		04-048	222	I	SSEL3	B1/F7
SSEL3	QLI4.		04-056	222	I	SSEL3	B1/F6
SSEL3	QLI3.		04-064	222	I	SSEL3	B1/F5
SSEL3	QLI2.		04-072	222	I	SSEL3	B1/F4
SSEL3	QLI1.		04-080	222	I	SSEL3	B1/F3
SSEL3	QLI0.		04-088	222	I	SSEL3	B1/F2
SSEL3	SUB.		04-112	013	I	SSEL3	B1/D2
SSEL3	CRFAB.C	C	04-131	500	I	SSEL3	B2/F2
SSEL3	KBN2TF1.		04-173	300	I	SSEL3	B16/D4 *
STSCDATC	SUB.		04-112	107	O	STSCDATC	B1/D2 *
STSCDATT	SUB.		04-112	008	O	STSCDATT	B1/D2 *
STSBERRC	SUB.		04-112	106	O	STSBERRC	B1/D2 *
STSBERRT	SUB.		04-112	007	O	STSBERRT	B1/D2 *
TMSIDATC	QLI0.		04-088	005	IO	TMSIDATC	B3/F5 *
TMSIDATT	QLI0.		04-088	105	IO	TMSIDATT	B3/F5 *
TSUBXM0C	SUB.		04-112	104	I	TSUBXM0C	B1/D2 *
TSUBXM0T	SUB.		04-112	005	I	TSUBXM0T	B1/D2 *
TSUBXM1C	SUB.		04-112	103	I	TSUBXM1C	B1/D2 *
TSUBXM1T	SUB.		04-112	004	I	TSUBXM1T	B1/D2 *
TSUBXM2C	SUB.		04-112	101	I	TSUBXM2C	B1/D2 *

48 LEAD INDEX (CONTINUED)							
LD SIG	FD SIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
TSUBXM2T	SUB.		04-112	002	I	TSUBXM2T	B1/D2 *
TSUBXM3C	SUB.		04-112	100	I	TSUBXM3C	B1/D2 *
TSUBXM3T	SUB.		04-112	001	I	TSUBXM3T	B1/D2 *

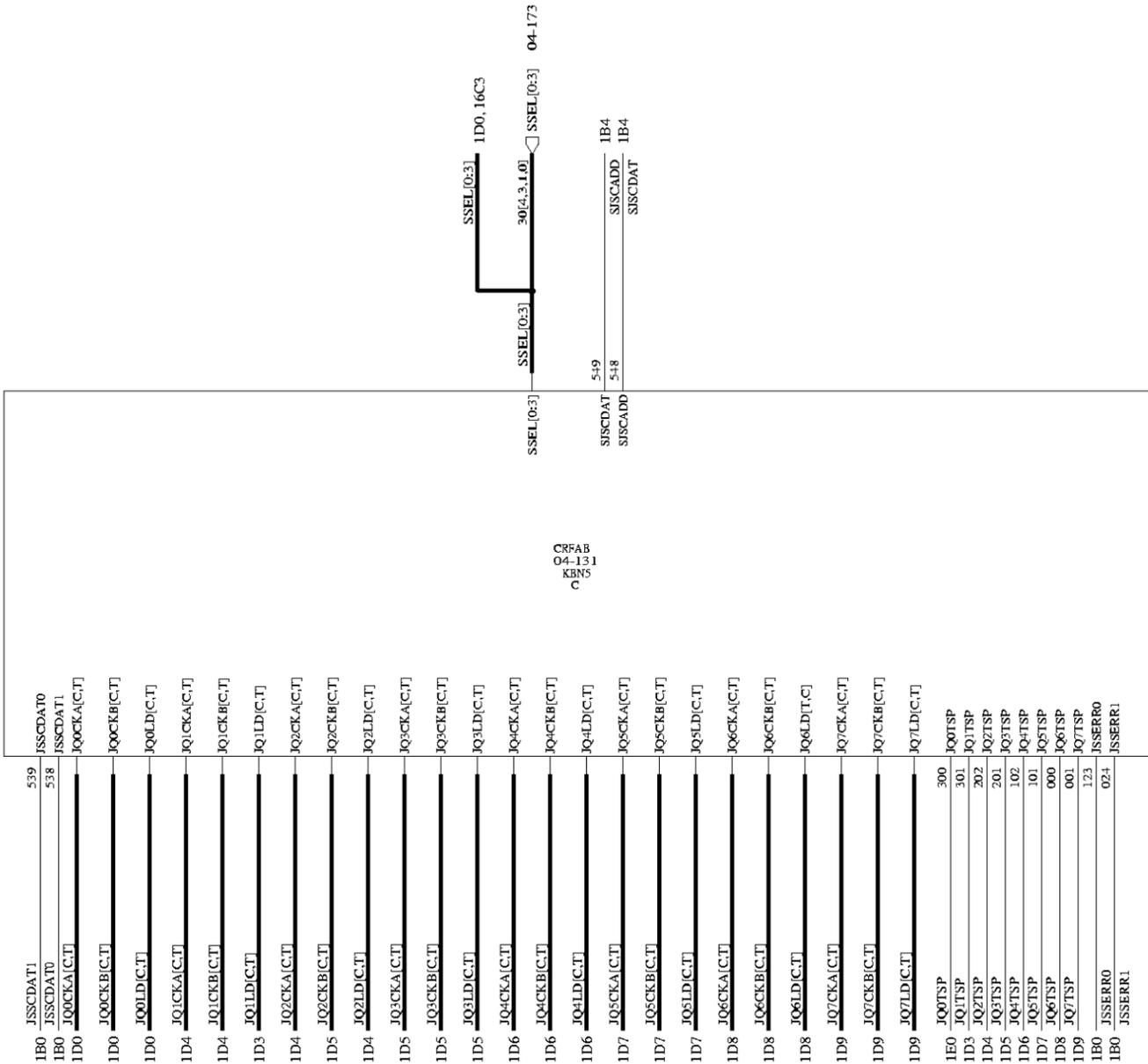
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**TIME MULTIPLEXED  
SWITCH UNIT  
MODEL 3**

DWG SIZE <b>C2</b>	ISSUE <b>4M</b>
Lucent Technologies	SD-5D191-01
SHEET <b>A20</b>	

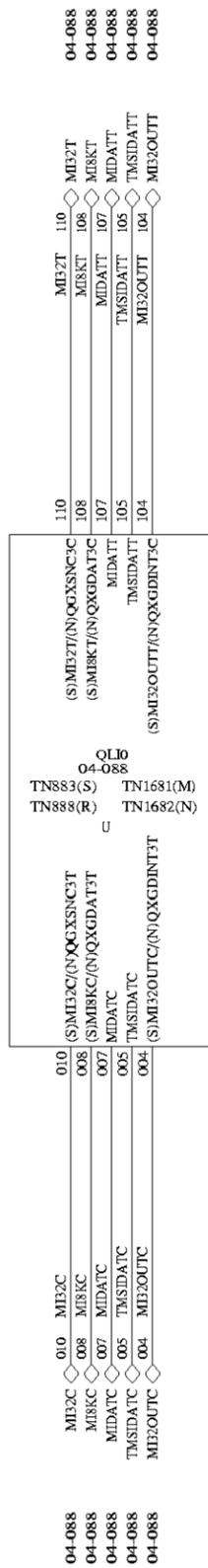
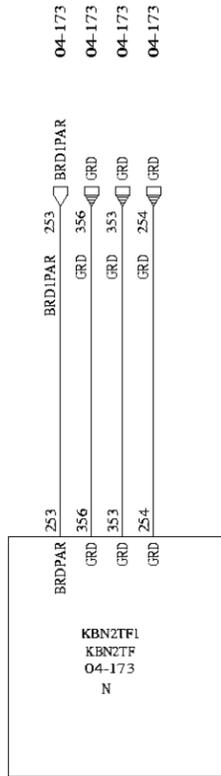
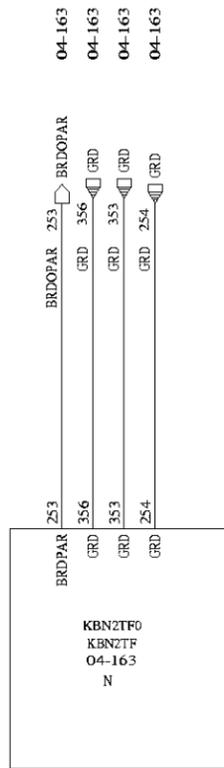


# PART OF FS 1 CONTROL



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TIME MULTIPLEXED SWITCH UNIT MODEL 3		DWG SIZE <b>C2</b>
		ISSUE <b>4M</b>
Lucent Technologies	SD-5D191-01	SHEET B2

# PART OF FS 1 CONTROL



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TIME MULTIPLEXED SWITCH UNIT MODEL 3	DWG SIZE <b>C2</b>	ISSUE <b>4M</b>
Lucent Technologies	SD-5D191-01	SHEET B3

# PART OF FS 1

## RECEIVE CLOCK

04-112

117 ESR65C  
018 ESR65T  
116 ESR5NCC  
017 ESR5NCT

ESR65C  
ESR65T  
ESR5NCC  
ESR5NCT

017 ESR5NCT  
116 ESR5NCC  
018 ESR65T  
117 ESR65C

SUB  
04-112  
UNI82  
K

SC1R32T 032  
SC1R32C 132  
SCOR32T 432  
SCOR32C 532  
SQ7RSYNT 033  
SQ7RSYNC 133  
SQ7R65T 034  
SQ7R65C 134  
SQ6RSYNT 035  
SQ6RSYNC 135  
SQ6R65T 036  
SQ6R65C 136  
SQ5RSYNT 038  
SQ5RSYNC 138  
SQ5R65T 039  
SQ5R65C 139  
SQ4RSYNT 041  
SQ4RSYNC 141  
SQ4R65T 042  
SQ4R65C 142  
SQ3RSYNT 046  
SQ3RSYNC 146  
SQ3R65T 047  
SQ3R65C 147  
SQ2RSYNT 049  
SQ2RSYNC 149  
SQ2R65T 050  
SQ2R65C 150  
SQ1RSYNT 052  
SQ1RSYNC 152  
SQ1R65T 053  
SQ1R65C 153  
SQ0RSYNT 055  
SQ0RSYNC 155  
SQ0R65T 056  
SQ0R65C 156

254 SQ0RSYNT  
354 SQ0RSYNC  
R65A1 SQ0R65T  
R65A0 SQ0R65C  
QL10  
04-088  
TN888  
TN1681  
TN1682  
K  
SEE NOTE 310

254 SQ1RSYNT  
354 SQ1RSYNC  
R65A1 SQ1R65T  
R65A0 SQ1R65C  
QL11  
04-080  
TN888  
TN1681  
TN1682  
K  
SEE NOTE 310

254 SQ2RSYNT  
354 SQ2RSYNC  
R65A1 SQ2R65T  
R65A0 SQ2R65C  
QL12  
04-072  
TN888  
TN1681  
TN1682  
K  
SEE NOTE 310

254 SQ3RSYNT  
354 SQ3RSYNC  
R65A1 SQ3R65T  
R65A0 SQ3R65C  
QL13  
04-064  
TN888  
TN1681  
TN1682  
K  
SEE NOTE 310

254 SQ4RSYNT  
354 SQ4RSYNC  
R65A1 SQ4R65T  
R65A0 SQ4R65C  
QL14  
04-056  
TN888  
TN1681  
TN1682  
K  
SEE NOTE 310

254 SQ5RSYNT  
354 SQ5RSYNC  
R65A1 SQ5R65T  
R65A0 SQ5R65C  
QL15  
04-048  
TN888  
TN1681  
TN1682  
K  
SEE NOTE 310

254 SQ6RSYNT  
354 SQ6RSYNC  
R65A1 SQ6R65T  
R65A0 SQ6R65C  
QL16  
04-040  
TN888  
TN1681  
TN1682  
K  
SEE NOTE 310

254 SQ7RSYNT  
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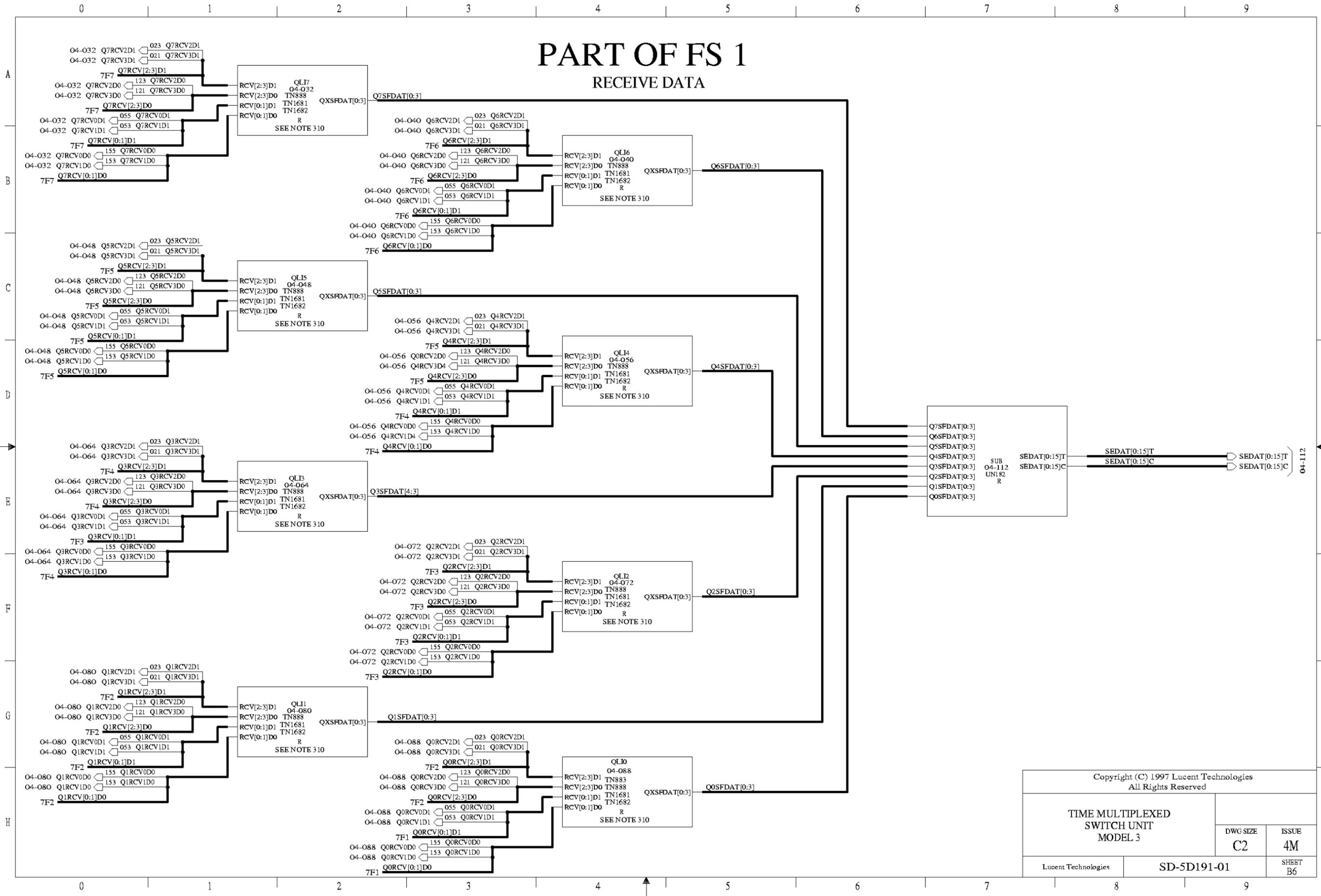
532 SJR32C  
533 SJR32T  
CRFAB  
04-131  
KBN5  
K

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TIME MULTIPLEXED SWITCH UNIT MODEL 3		DWG SIZE <b>C2</b>
		ISSUE <b>4M</b>
Lucent Technologies	SD-5D191-01	SHEET B4



# PART OF FS 1

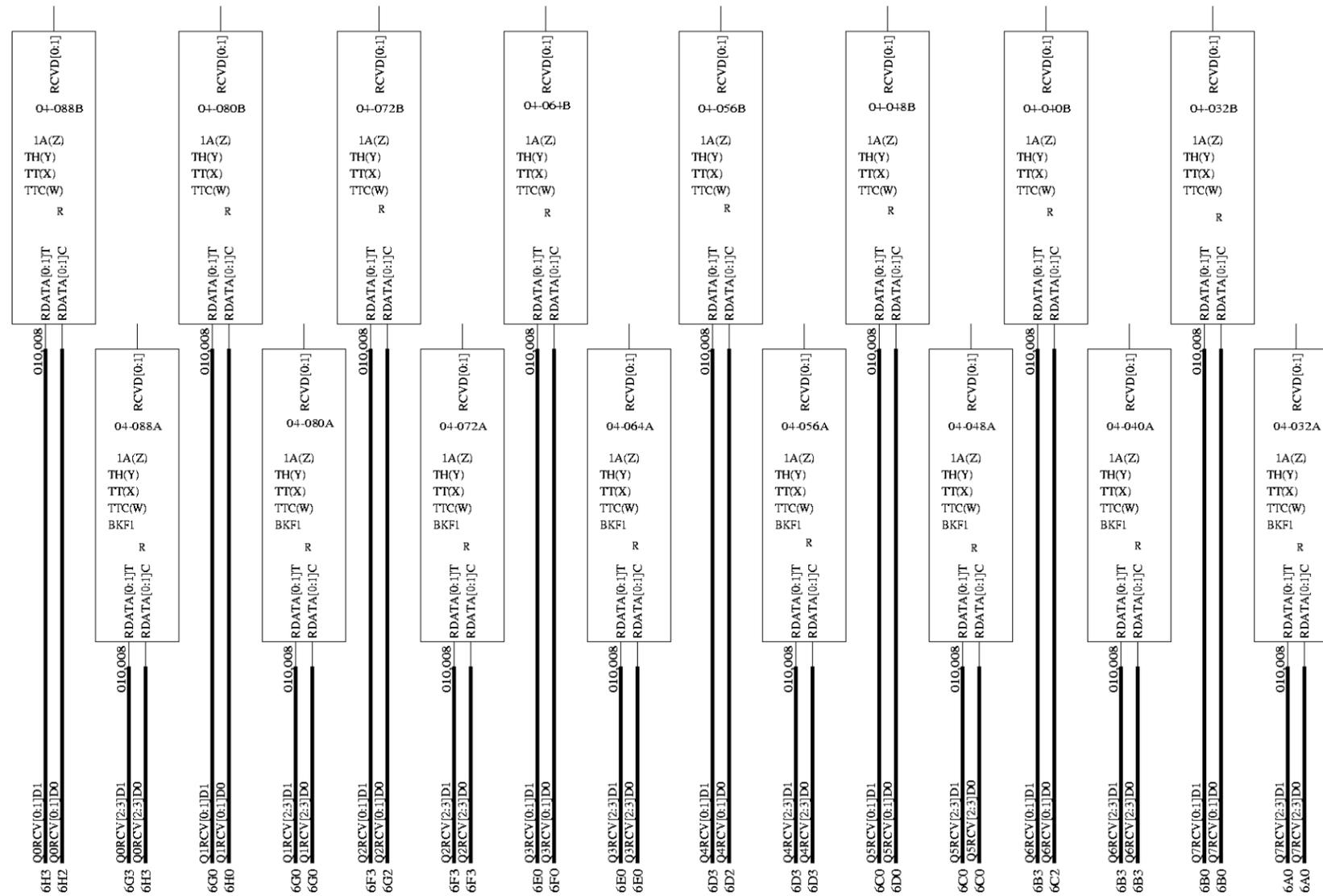
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		ISSUE <b>4M</b>
Lucent Technologies	SD-5D191-01	SHEET B6

# PART OF FS 1

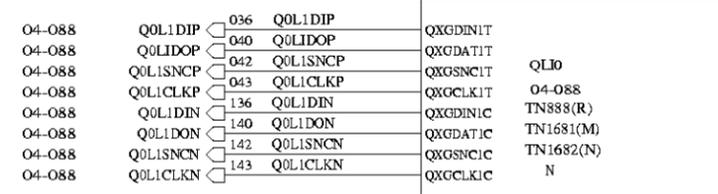
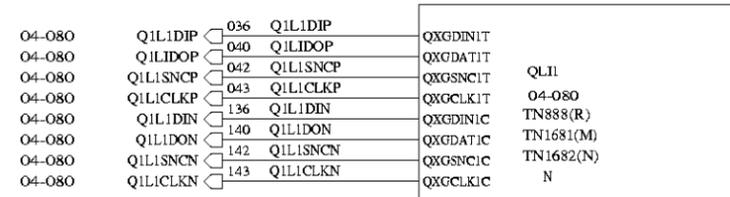
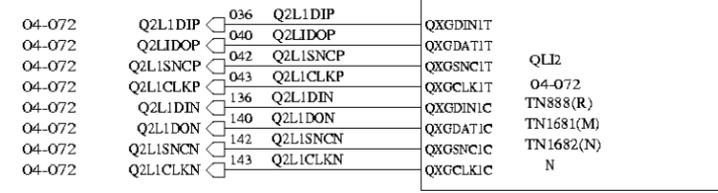
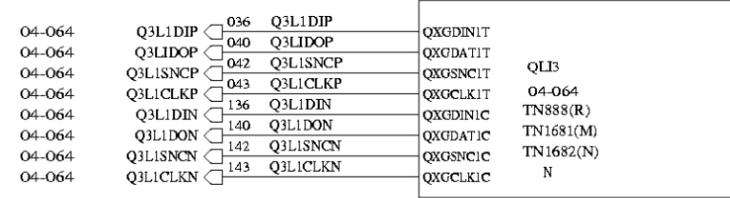
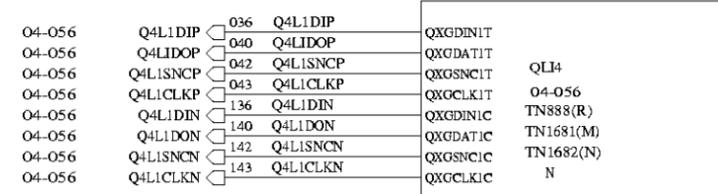
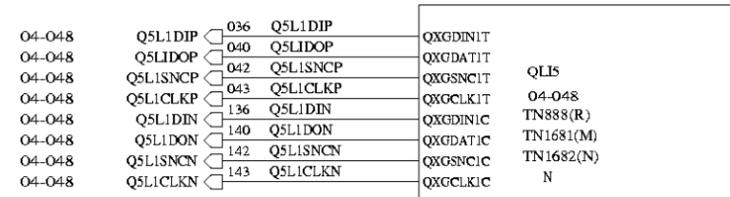
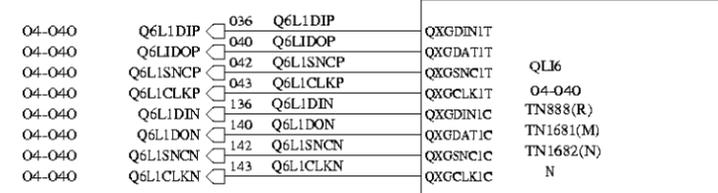
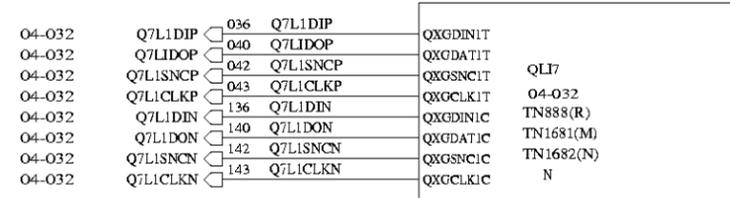
## RECEIVE DATA



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TIME MULTIPLEXED SWITCH UNIT MODEL 3		DWG SIZE <b>C2</b>
		ISSUE <b>4M</b>
Lucent Technologies	SD-5D191-01	SHEET B7

# PART OF FS 1

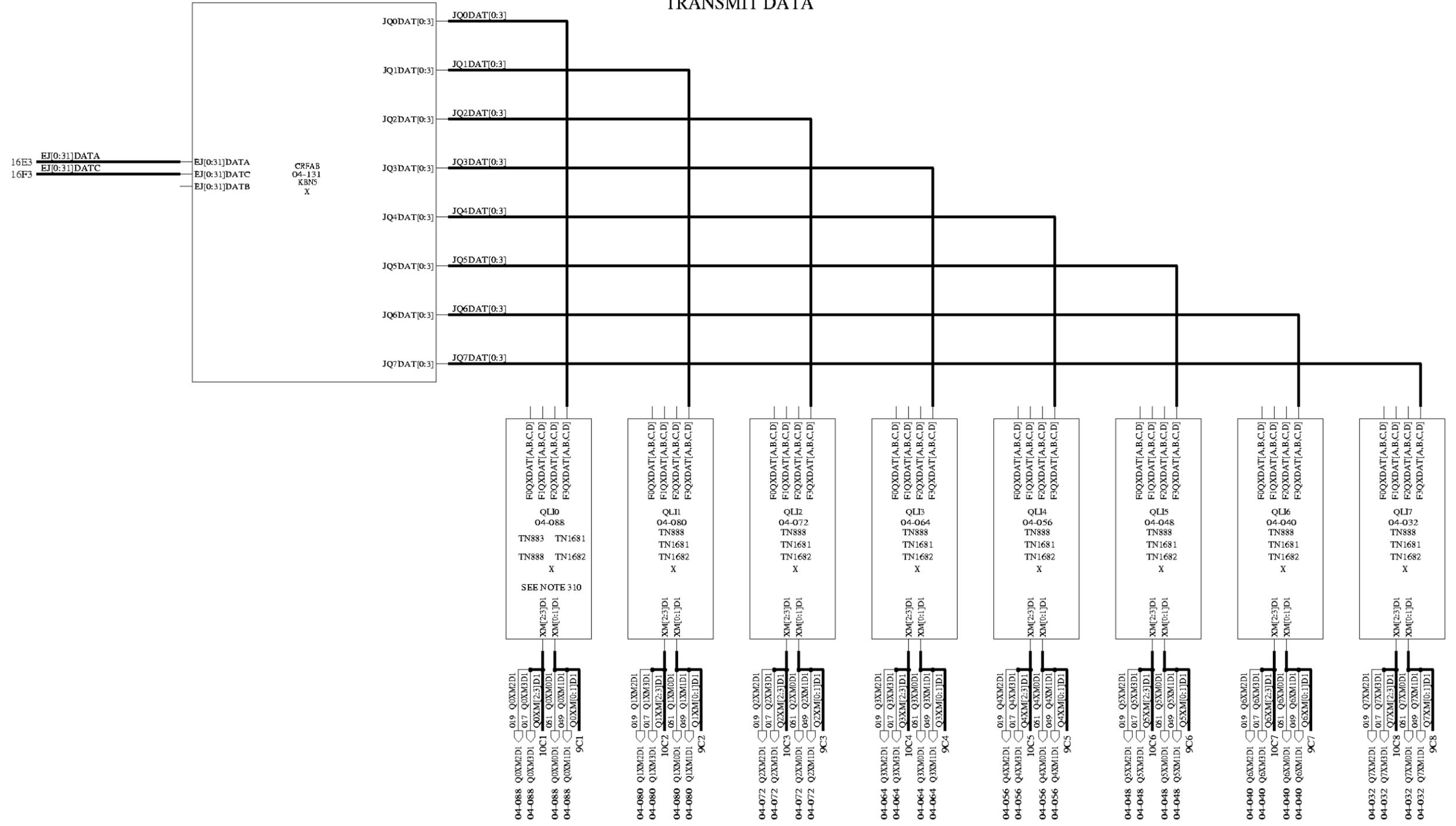
## RECEIVE DATA



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TIME MULTIPLEXED SWITCH UNIT MODEL 3		DWG SIZE <b>C2</b>
Lucent Technologies		ISSUE <b>4M</b>
SD-5D191-01		SHEET B8

# PART OF FS 1

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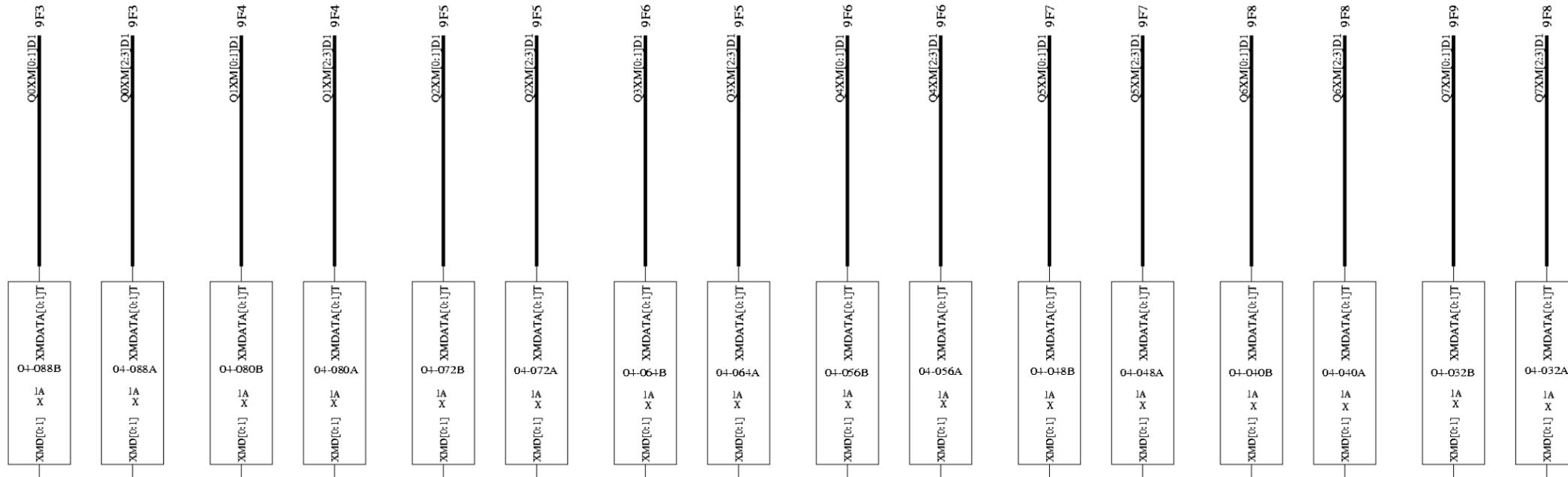


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 16F3 EJ[0:31]DATC  
 CRFAB  
 04-131  
 KBNS  
 X

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TIME MULTIPLEXED SWITCH UNIT MODEL 3		DWG SIZE <b>C2</b>
Lucent Technologies		ISSUE <b>4M</b>
SD-5D191-01		SHEET B9

# PART OF FS 1

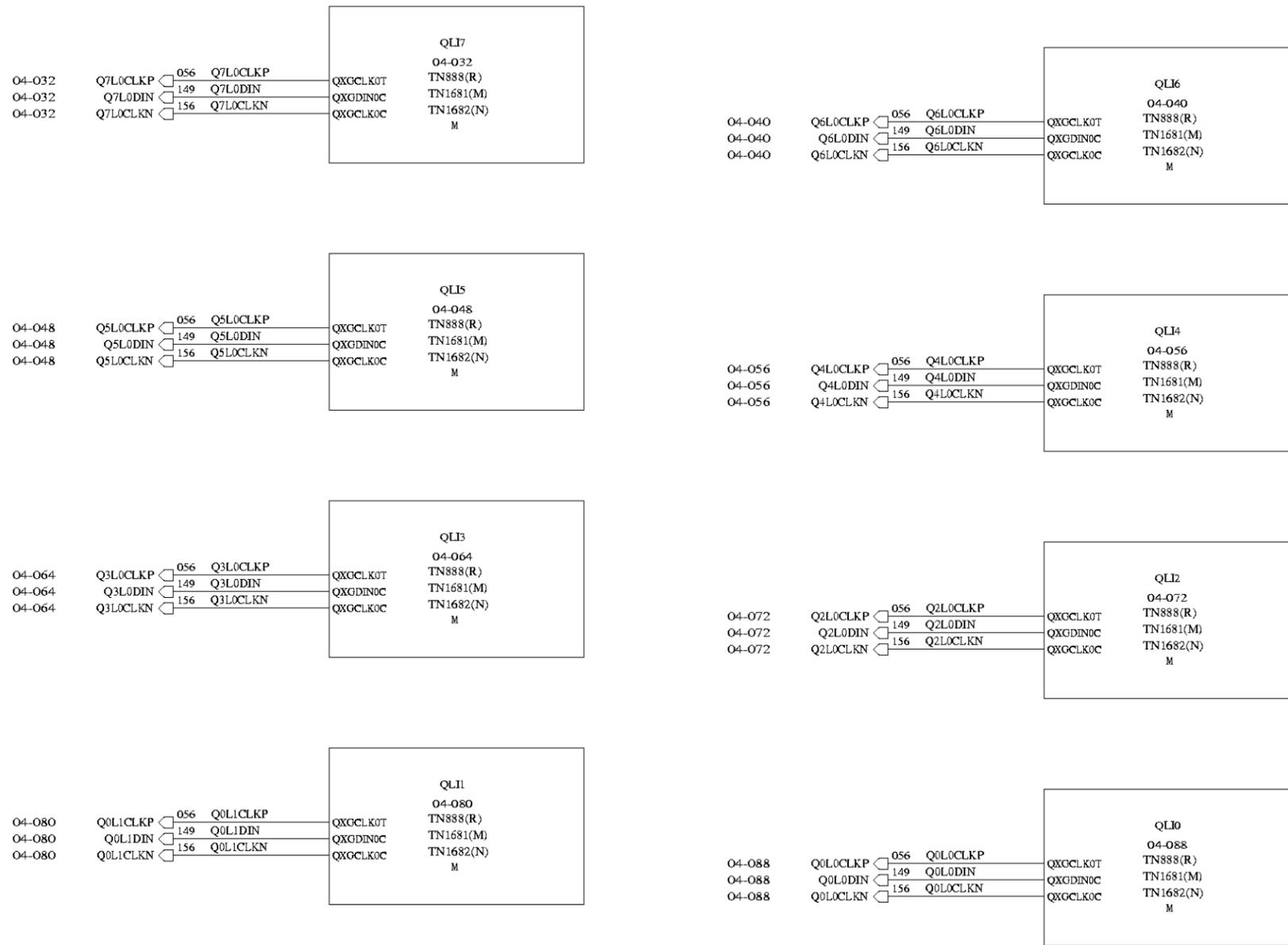
## TRANSMIT DATA



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TIME MULTIPLEXED SWITCH UNIT MODEL 3		DWG SIZE <b>C2</b>
Lucent Technologies		ISSUE <b>4M</b>
SD-5D191-01		SHEET B10

# PART OF FS 1

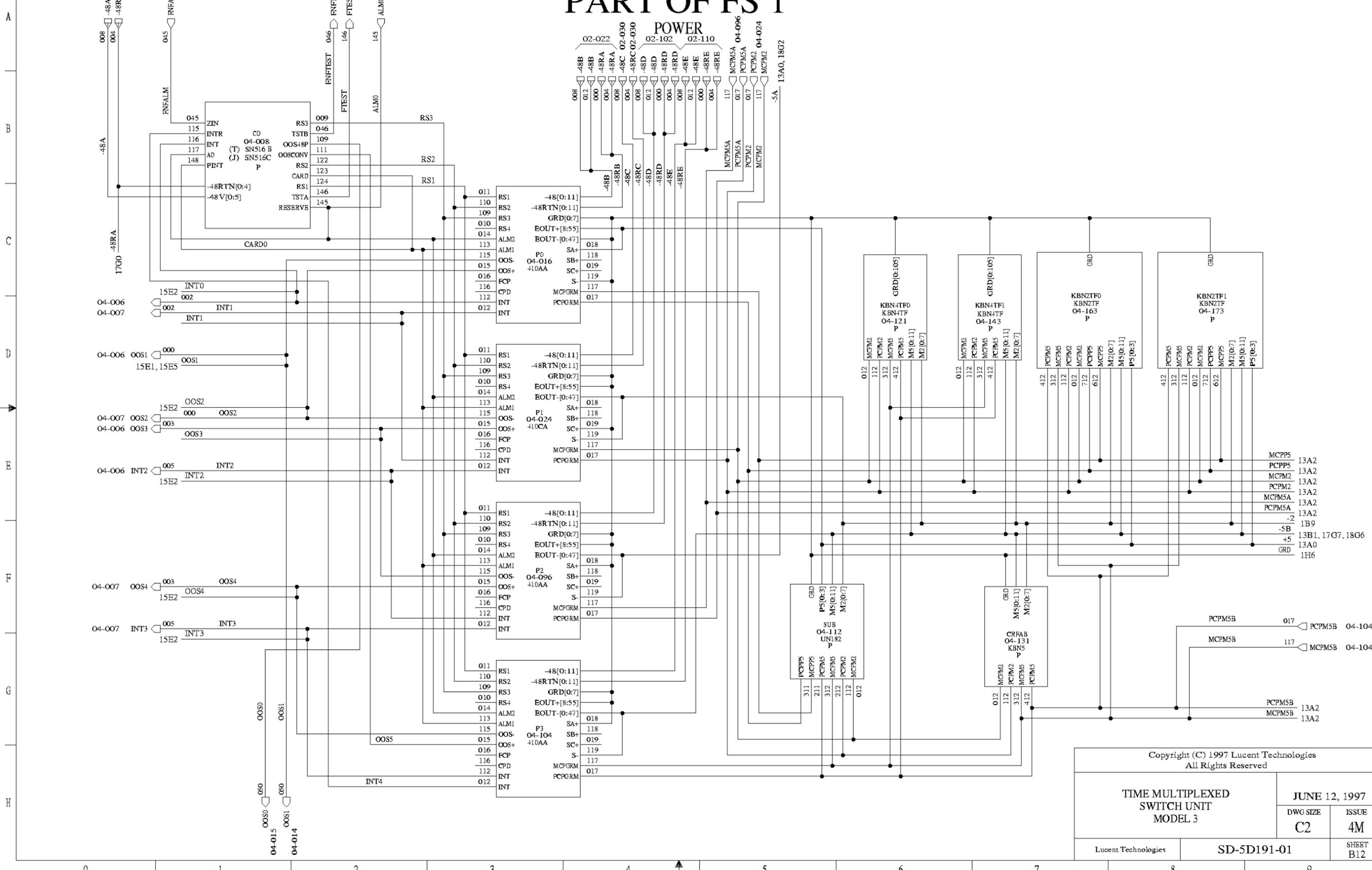
## TRANSMIT DATA



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TIME MULTIPLEXED SWITCH UNIT MODEL 3	DWG SIZE	ISSUE
	C2	4M
Lucent Technologies	SD-5D191-01	SHEET B11

# PART OF FS 1

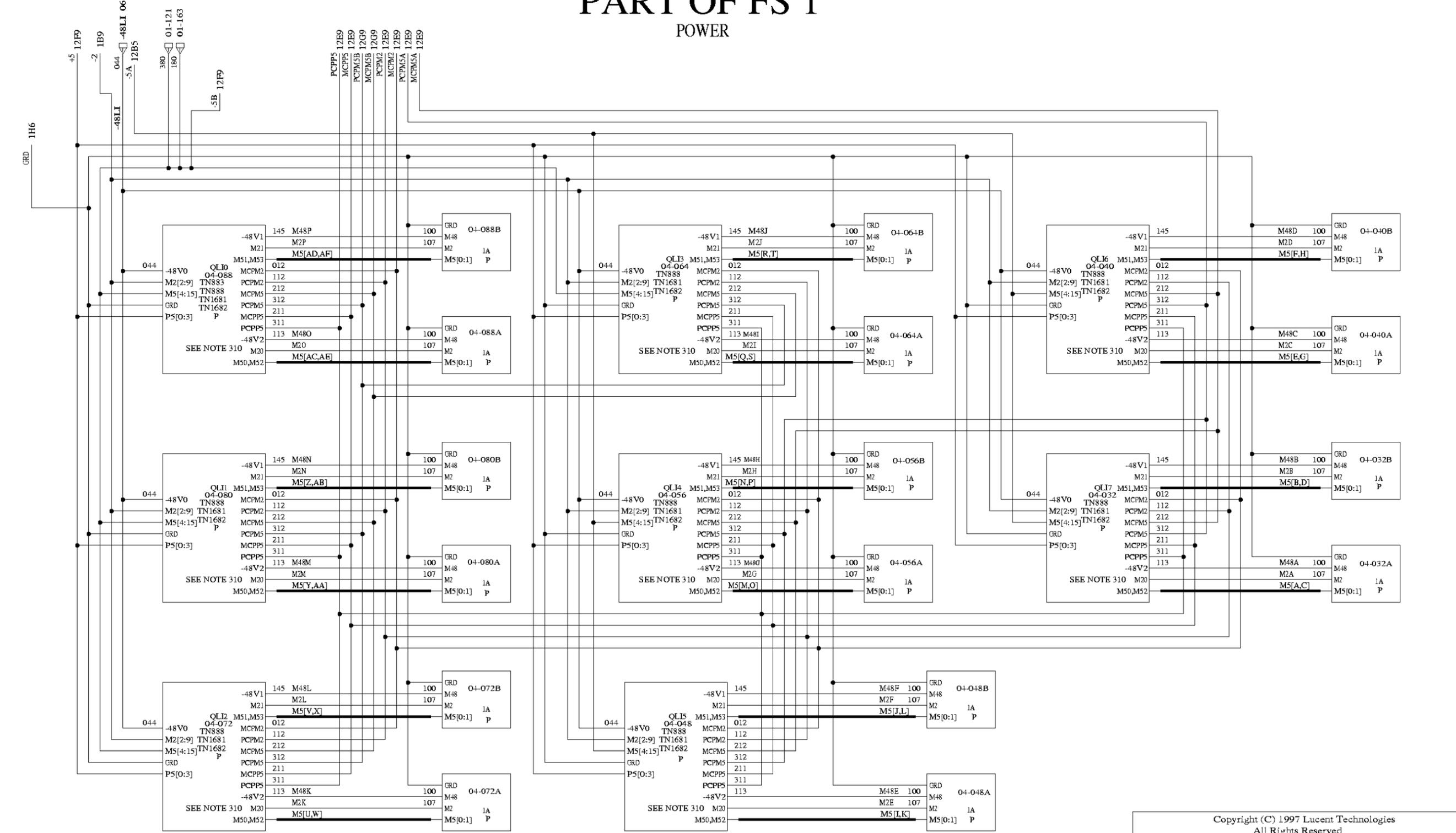
## POWER



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TIME MULTIPLEXED SWITCH UNIT MODEL 3		JUNE 12, 1997	
		DWG SIZE C2	ISSUE 4M
Lucent Technologies	SD-5D191-01	SHEET B12	

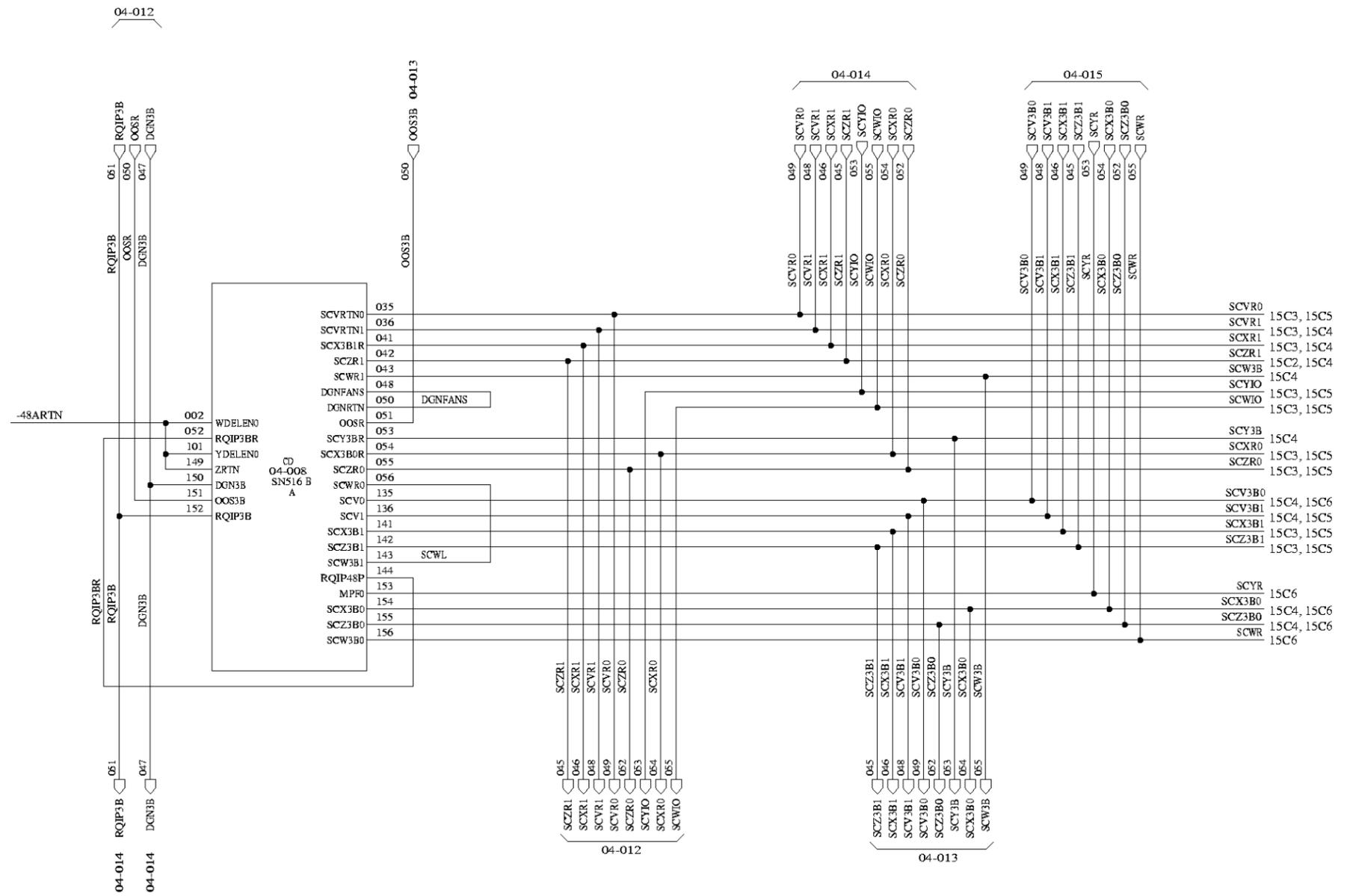
# PART OF FS 1 POWER



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Lucent Technologies		ISSUE <b>4M</b>
SD-5D191-01		SHEET B13

# PART OF FS 1

## SCAN AND DISTRIBUTE

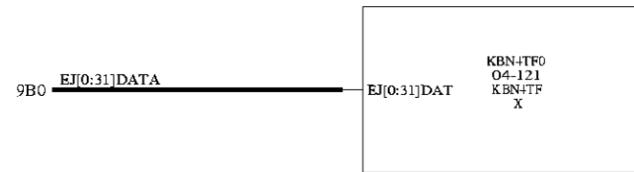


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TIME MULTIPLEXED SWITCH UNIT MODEL 3	DWG SIZE	ISSUE
	C2	4M
Lucent Technologies	SD-5D191-01	SHEET B14



# PART OF FS 1

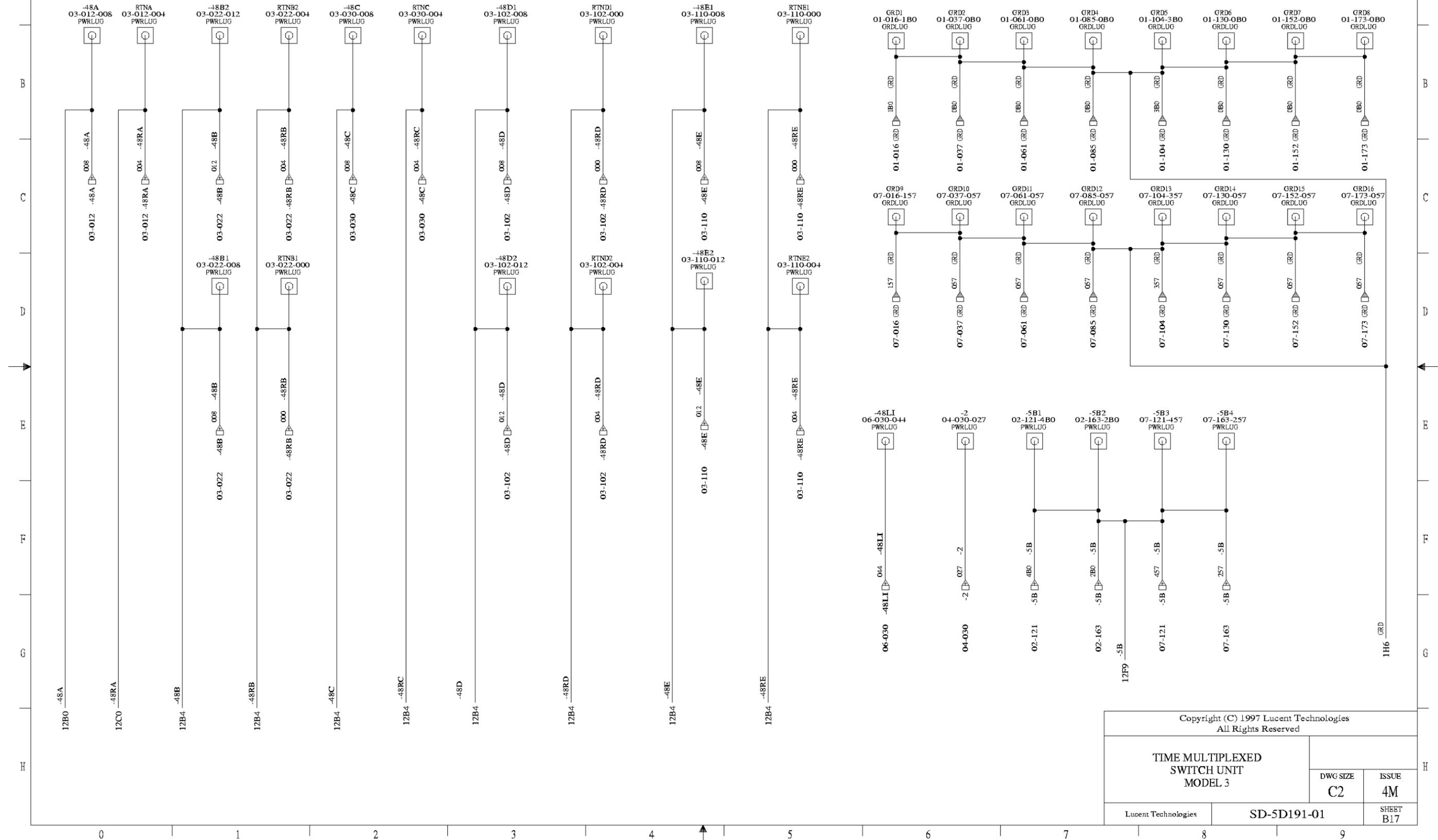
## E BUS DATA & SHELF SELECT



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TIME MULTIPLEXED SWITCH UNIT MODEL 3	DWG SIZE	ISSUE
	C2	4M
Lucent Technologies	SD-5D191-01	SHEET B16

# PART OF FS 1

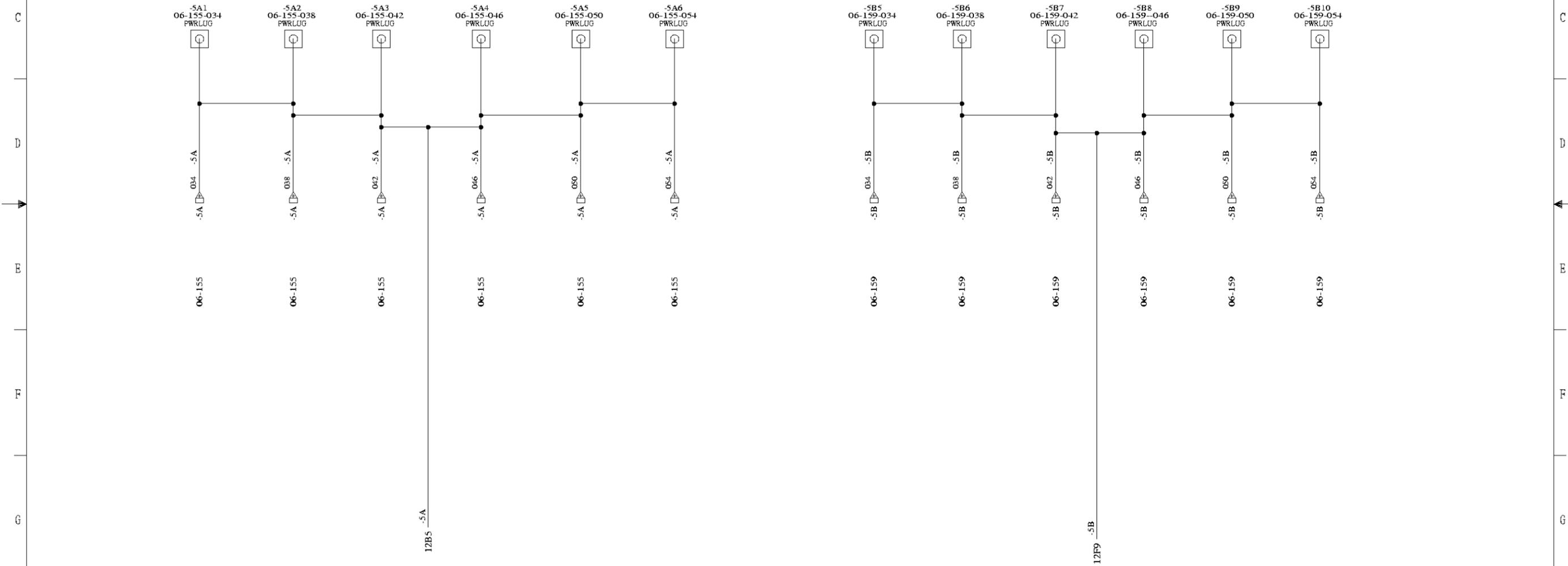
## POWER & GROUND



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Lucent Technologies		ISSUE <b>4M</b>
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# PART OF FS 1

## POWER



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TIME MULTIPLEXED SWITCH UNIT MODEL 3		DWG SIZE <b>C2</b>
Lucent Technologies		ISSUE <b>4M</b>
SD-5D191-01		SHEET B18

# APPARATUS FIGURES

APP FIG. 1

BACKPLANE					
OPTION	DESIG	EQPT LOC	FS LOC	CLEI CODE	CODE
	BKP1	04-000			J5D020AG-1

APP FIG. 5

CIRCUIT PACK					
OPTION	DESIG	EQPT LOC	FS LOC	CLEI CODE	CODE
	P3	04-104	10H3		410AA

APP FIG. 9

CIRCUIT PACK					
OPTION	DESIG	EQPT LOC	FS LOC	CLEI CODE	CODE
	X	R0	06-088	11C23	982TT

APP FIG. 2

CIRCUIT PACK					
OPTION	DESIG	EQPT LOC	FS LOC	CLEI CODE	CODE
V	CD	04-008	12E2		SN516
T	CD	04-008	12E2		SN516B
J	CD	04-008	12E2		SN516C

APP FIG. 6

CIRCUIT PACK					
OPTION	DESIG	EQPT LOC	FS LOC	CLEI CODE	CODE
	SUB	04-112	1D2		UN182

APP FIG. 10

CIRCUIT PACK					
OPTION	DESIG	EQPT LOC	FS LOC	CLEI CODE	CODE
	Y	R0	06-088	11C23	982TH

APP FIG. 3

CIRCUIT PACK					
OPTION	DESIG	EQPT LOC	FS LOC	CLEI CODE	CODE
	P1	04-024	10E3		410CA

APP FIG. 7

CIRCUIT PACK					
OPTION	DESIG	EQPT LOC	FS LOC	CLEI CODE	CODE
	S	QLI	04-088	1F2	TN883

APP FIG. 11

CIRCUIT PACK					
OPTION	DESIG	EQPT LOC	FS LOC	CLEI CODE	CODE
	CRFAB	04-131	2F2		KBN5

APP FIG. 4

CIRCUIT PACK					
OPTION	DESIG	EQPT LOC	FS LOC	CLEI CODE	CODE
	P2	04-096	10G3		410AA

APP FIG. 8

CIRCUIT PACK					
OPTION	DESIG	EQPT LOC	FS LOC	CLEI CODE	CODE
	R	QLI	04-088	1F2	TN888

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	C2	4M
Lucent Technologies	SD-5D191-01	SHEET C1

# APPARATUS FIGURES

APP FIG. 12

BACKPLANE					
OPTION	DESIG	EQPT LOC	FS LOC	CLEI CODE	CODE
M	QLI	04-088	1F2		TN1681

APP FIG. 13

CIRCUIT PACK					
OPTION	DESIG	EQPT LOC	FS LOC	CLEI CODE	CODE
N	QLI	04-088	1F2		TN1682

APP FIG. 14

CIRCUIT PACK					
OPTION	DESIG	EQPT LOC	FS LOC	CLEI CODE	CODE
K	F01	06-088	6F2		BKF1

APP FIG. 15

CIRCUIT PACK					
OPTION	DESIG	EQPT LOC	FS LOC	CLEI CODE	CODE
W	F0	06-088	6F2		982TTC

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	C2	4M
Lucent Technologies	SD-5D191-01	SHEET C2

### CIRCUIT NOTES

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
BATTERY SYMBOL		VOLTAGE RANGE	

### 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 CONNECTIONS ARE SPECIFIED BY ED-5D712-30
- 203. TMSU3 CIRCUIT PACKS SHOULD NOT BE REMOVED, CHANGED OR ADDED WITHOUT POWERING DOWN THE ASSOCIATED SHELF.

APPARATUS CODE	CIRCUIT PACK REMOVAL PROCESS		
	PULL "HOT"	REMOVE UNIT POWER	SEQUENCED
KBN5		X	
SN516		X	
TN883		X	
TN888		X	
UN182		X	
+10AA		X	
+10CA		X	
982TH		X	
982TT		X	
TN1681		X	
TN1682		X	
982TTC		X	
BKFI		X	
SN516B		X	
SN516C		X	

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TIME MULTIPLEXED SWITCH UNIT MODEL 3	DWG SIZE	ISSUE
	C2	4M
Lucent Technologies	SD-5D191-01	SHEET D1

# INFORMATION NOTES

301. UNLESS OTHERWISE SPECIFIED, ALL 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 TABLE FOR SINGLE FABRIC.

FEATURE OR OPTION	PROVIDE		
	APP FIG	APP OR WRG	QUANTITY
BACKPLANE AND WIRING	1		1
MINIMUM EQUIPAGE FOR BASIC CABINET 5 AND 6 (SEE NOTE 307)	BASIC TMSU3 1ST SM	2,3, 5,6, 7,9, 11	T OR J 1
EQUIPMENT REQUIRED TO PROVIDE QUAD LINK INTERFACE FOR SM2000 (SEE NOTE 310).		12, 14	1 PER 2 NCT LINKS
APP FIGS 12 AND 14 ARE EQUIPPED AT EQL 080 THROUGH 032 IN CONSECUTIVE ORDER (MAXIMUM 7).			
EQUIPMENT REQUIRED TO PROVIDE QLPS GATEWAY LINK FOR SM2000 (SEE NOTE 310).		13	1
APP FIG 13 MAY BE EQUIPPED IN EQL 080 THROUGH 032 (SEE NOTES 311,312) (MAXIMUM 2).			
OPTICS REQUIRED FOR BASIC AND GROUWTH TMSU3 CABINETS. (SEE NOTE 309)		15	W 1
CIRCUIT PACKS, OPTICS, POWER CONVERTERS REQUIRED FOR TMSU3 GROWTH.	2ND SM	8,9	1 PER SM 2
	3RD SM	9	1 PER SM 3
	4TH SM	8,9	1 PER SM 4
	5TH SM	9	1 PER SM 5
	6TH SM	8,9	1 PER SM 6
	7TH SM	9	1 PER SM 7
	8TH SM	8,9	1 PER SM 8
	9TH SM	9	1 PER SM 9
	10TH SM	8,9	1 PER SM 10
	11TH SM	9	1 PER SM 11
	12TH SM	8,9	1 PER SM 12
	13TH SM	9	1 PER SM 13
	14TH SM	8,9	1 PER SM 14
	15TH SM	9	1 PER SM 15
	OPTICS REQUIRED FOR EACH TWO MILE OPTICALLY REMOTE MODULE (T.R.M.) (SEE NOTE 306)		10 (OMIT 9)

302. FEATURE OR OPTION TABLE FOR SINGLE FABRIC (CONT).

FEATURE OR OPTION	PROVIDE		
	APP FIG	APP OR WRG	QUANTITY
BACKPLANE AND WIRING	1		1
MINIMUM EQUIPAGE FOR GROWTH CABINET 3,4,7 AND 8. (SEE NOTE 307)	GROWTH TMSU3	2,3, 4,5, 6,8, 9,11	T OR J 1
EQUIPMENT REQUIRED TO PROVIDE QUAD LINK INTERFACE FOR SM2000 (SEE NOTE 310).		12, 14	1 PER 2 NCT LINKS
APP FIGS 12 AND 14 ARE EQUIPPED AT EQL 088 THROUGH 032 IN CONSECUTIVE ORDER (MAXIMUM 8).			
EQUIPMENT REQUIRED TO PROVIDE QLPS GATEWAY LINK FOR SM2000 (SEE NOTE 310).		13	1
APP FIG 13 MAY BE EQUIPPED IN EQL 088 THROUGH 032 (SEE NOTES 311,312) (MAXIMUM 2).			
OPTICS REQUIRED FOR BASIC AND GROUWTH TMSU3 CABINETS. (SEE NOTE 309)		15	W 1
CIRCUIT PACKS, OPTICS, POWER CONVERTERS REQUIRED FOR TMSU3 GROWTH.	2ND SM	9	1 PER SM 2
	3RD SM	8,9	1 PER SM 3
	4TH SM	9	1 PER SM 4
	5TH SM	8,9	1 PER SM 5
	6TH SM	9	1 PER SM 6
	7TH SM	8,9	1 PER SM 7
	8TH SM	9	1 PER SM 8
	9TH SM	8,9	1 PER SM 9
	10TH SM	9	1 PER SM 10
	11TH SM	8,9	1 PER SM 11
	12TH SM	9	1 PER SM 12
13TH SM	8,9	1 PER SM 13	
14TH SM	9	1 PER SM 14	
15TH SM	8,9	1 PER SM 15	
16TH SM	9	1 PER SM 16	
OPTICS GROW FROM TOP TO BOTTOM			
OPTICS REQUIRED FOR EACH TWO MILE OPTICALLY REMOTE MODULE (T.R.M.) (SEE NOTE 306)		10 (OMIT 9)	1 PER O.R.M.

302. FEATURE OR OPTION TABLE FOR DUAL FABRIC.

FEATURE OR OPTION	PROVIDE			
	APP FIG	APP OR WRG	QUANTITY	
BACKPLANE AND WIRING	1		1	
MINIMUM EQUIPAGE FOR BASIC CABINET 5 AND 6	BASIC TMSU3 1ST, 2ND SM	2,3, 5,6, 7,9, 11	T OR J 1	
EQUIPMENT REQUIRED TO PROVIDE QUAD LINK INTERFACE FOR SM2000 (SEE NOTE 310).		12, 14	1 PER 2 NCT LINKS	
APP FIGS 12 AND 14 ARE EQUIPPED AT EQL 080 THROUGH 032 IN CONSECUTIVE ORDER (MAXIMUM 7).				
EQUIPMENT REQUIRED TO PROVIDE QLPS GATEWAY LINK FOR SM2000 (SEE NOTE 310).		13	1	
APP FIG 13 MAY BE EQUIPPED IN EQL 080 THROUGH 032 (SEE NOTES 311,312) (MAXIMUM 1).				
OPTICS REQUIRED FOR BASIC AND GROUWTH TMSU3 CABINETS. (SEE NOTE 309)		15	W 1	
CIRCUIT PACKS, OPTICS, POWER CONVERTERS REQUIRED FOR TMSU3 GROWTH.	3RD, 4TH SM	8,9	1	
	5TH, 6TH SM	9	1	
	7TH, 8TH SM	8,9	1	
	9TH, 10TH SM	9	1	
	11TH, 12TH SM	8,9	1	
	13TH, 14TH SM	9	1	
	15TH, 16TH SM	8,9	1	
	17TH, 18TH SM	9	1	
	19TH, 20TH SM	8,9	1	
	21ST, 22ND SM	9	1	
	23RD, 24TH SM	8,9	1	
	25TH, 26TH SM	9	1	
	27TH, 28TH SM	8,9	1	
	29TH, 30TH SM	9	1	
	OPTICS GROW FROM TOP TO BOTTOM			
	OPTICS REQUIRED FOR EACH TWO MILE OPTICALLY REMOTE MODULE (T.R.M.) (SEE NOTE 306)		10 (OMIT 9)	1 PER 2 O.R.M.'S

302. FEATURE OR OPTION TABLE FOR DUAL FABRIC (CONT).

FEATURE OR OPTION	PROVIDE		
	APP FIG	APP OR WRG	QUANTITY
BACKPLANE AND WIRING	1		1
MINIMUM EQUIPAGE FOR GROWTH CABINET 0-4 AND 7-11	GROWTH TMSU3 1ST, 2ND SM	2,3, 4,5, 6,8, 9,11	T OR J 1
EQUIPMENT REQUIRED TO PROVIDE QUAD LINK INTERFACE FOR SM2000 (SEE NOTE 310).		12, 14	1 PER 2 NCT LINKS
APP FIGS 12 AND 14 ARE EQUIPPED AT EQL 088 THROUGH 032 IN CONSECUTIVE ORDER (MAXIMUM 8).			
EQUIPMENT REQUIRED TO PROVIDE QLPS GATEWAY LINK FOR SM2000 (SEE NOTE 310).		13	1
APP FIG 13 MAY BE EQUIPPED IN EQL 088 THROUGH 032 (SEE NOTES 311,312) (MAXIMUM 1).			
OPTICS REQUIRED FOR BASIC AND GROUWTH TMSU3 CABINETS. (SEE NOTE 309)		15	W 1
CIRCUIT PACKS, OPTICS, POWER CONVERTERS REQUIRED FOR TMSU3 GROWTH.	3RD, 4TH SM	9	1
	5TH, 6TH SM	8,9	1
	7TH, 8TH SM	9	1
	9TH, 10TH SM	8,9	1
	11TH, 12TH SM	9	1
	13TH, 14TH SM	8,9	1
	15TH, 16TH SM	9	1
	17TH, 18TH SM	8,9	1
	19TH, 20TH SM	9	1
	21ST, 22ND SM	8,9	1
	23RD, 24TH SM	9	1
25TH, 26TH SM	8,9	1	
27TH, 28TH SM	9	1	
29TH, 30TH SM	8,9	1	
31ST, 32ND SM	9	1	
OPTICS GROW FROM TOP TO BOTTOM			
OPTICS REQUIRED FOR EACH SET OF TWO, TWO MILE OPTICALLY REMOTE MODULE (T.R.M.) (SEE NOTE 306)		10 (OMIT 9)	1 PER 2 O.R.M.'S

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TIME MULTIPLEXED SWITCH UNIT  
MODEL 3

DWG SIZE: C2  
ISSUE: 4M

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SHEET D2

**INFORMATION NOTES:**

303. RECORD OF APP 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
2B	V OR T	V		T	V
2B	Z OR Y	NONE		Z OR Y	
2B	X OR W	X		X,W	
2B	S OR R MOR N		310	S OR R MOR N	
2B	K	K	310	K	
4M	T OR J	T		J	T

305. APPARATUS FIGURES IN POSITIONS 016 AND 153 ARE NOT REQUIRED WITH THE CURRENT DESIGN STATUS.

306. IN SINGLE FABRIC, ONE 982TH IS REQUIRED FOR EACH T.R.M. CONNECTED TO THE SWITCH. IN DUAL FABRIC, ONE 982TH IS REQUIRED IN THE UPPER TMSU3 AND ONE IS REQUIRED IN THE LOWER TMSU3 TO EQUIP EACH SET OF TWO T.R.M.'S CONNECTED TO THE SWITCH

307. DUAL FABRIC IS THE CURRENT PRODUCTION VERSION.

**INFORMATION NOTES (CONT):**

308. TWO TYPES OF FIBER OPTIC CABLE AND TRANSMITTER, RECEIVER PADDLEBOARDS ARE USED TO CONNECT THE CM-2 TO AN SM. DUE TO THE CHARACTERISTIC DIFFERENCES OF THE CABLE AND CONNECTORS, EQUIPMENT TYPES CAN NOT BE MIXED IN A FIBER OPTIC SIGNAL PATH.

TYPE: ODL40

CM-2 END - 982TT

- 982TH FOR TRM USE

SM END - 982CF

- 982CG

FIBER - 50 MICRON W/1005 TYPE CONNECTORS

TYPE: ODL50

CM-2 END - 982TT

SM END - 982TR

- 982TS

FIBER - 62.5 MICRON W/ST TYPE CONNECTORS

982TH, 982TT/982TTC SHOULD BE USED AT THE CM-2 END ON NEW SYSTEMS AND CM, SM GROWTH.

CM-1 TO CM-2 RETROFITS SHOULD BE ENGINEERED SO THE CM FIBER IS COMPATIBLE WITH EXISTING SM'S.

309. THE 982TTC OPTIC BOARD IS THE EQUIVALENT OF THE 982TT OPTIC BOARD USED.

310. APPARATUS TN1681, TN1682 AND BKF1 CIRCUIT PACKS ARE USED FOR SM2000 ONLY AND ARE PROVIDED PER NCT LINKS NOT PER SM COUNT.

311. FOUR TN1682 PACKS ARE REQUIRED FOR SM2000 APPLICATIONS. TWO TN1682'S MUST BE EQUIPPED ON CM2-0 SIDE [CABINETS 0-5] AND TWO ON CM2-1 SIDE [6-11].

312. FOR SINGLE FABRIC TN1682 MAY BE EQUIPPED IN ANY AVAILABLE EQL 080-032 IN TMSU3. FOR DUAL FABRIC TN1682 MUST BE SPLIT BETWEEN TMSU3 UNITS IN VERTICAL EQLS 19 & 36, IN ANY AVAILABLE SLOT 088-032.

313. CABLES IDENTIFIED AS ELEMENTS 49-54 ARE SHOWN TO PROVIDE COMMONALITY BETWEEN THE TMSU2 AND TMSU3 BACKPLANES. NO CADS EXIST FOR THESE CABLES.

**INFORMATION NOTES (CONT):**

314. THE 982 SERIES AND BKF1 TRANSCEIVERS USE 2X24 CONNECTORS. NO SIGNAL EXIST ON THE LOWER HALF (I.E. EQL'S 04-132 TO 04-143 AND 04-100 TO 04-112). CADS 2-9 AND 32-39 PROVIDE SIGNALS ONLY USED ON UPPER PORTION OF CONNECTORS. 982TT AND 982TTC TRANSCEIVERS MAY BE EQUIPPED IN VERTICAL EQL'S 032 THRU 088 AT POSITIONS 100 AND 132. BKF1 TRANSCEIVERS MAY BE EQUIPPED IN VERTICAL EQL'S 032 THRU 088 AT POSITIONS 100 ONLY (OPTION K).

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TIME MULTIPLEXED SWITCH UNIT MODEL 3	DWG SIZE	ISSUE
	C2	4M
Lucent Technologies	SD-5D191-01	SHEET D3

0 1 2 3 4 5 6 7 8 9

A  
B  
C  
D  
E  
F  
G  
H

A  
B  
C  
D  
E  
F  
G  
H

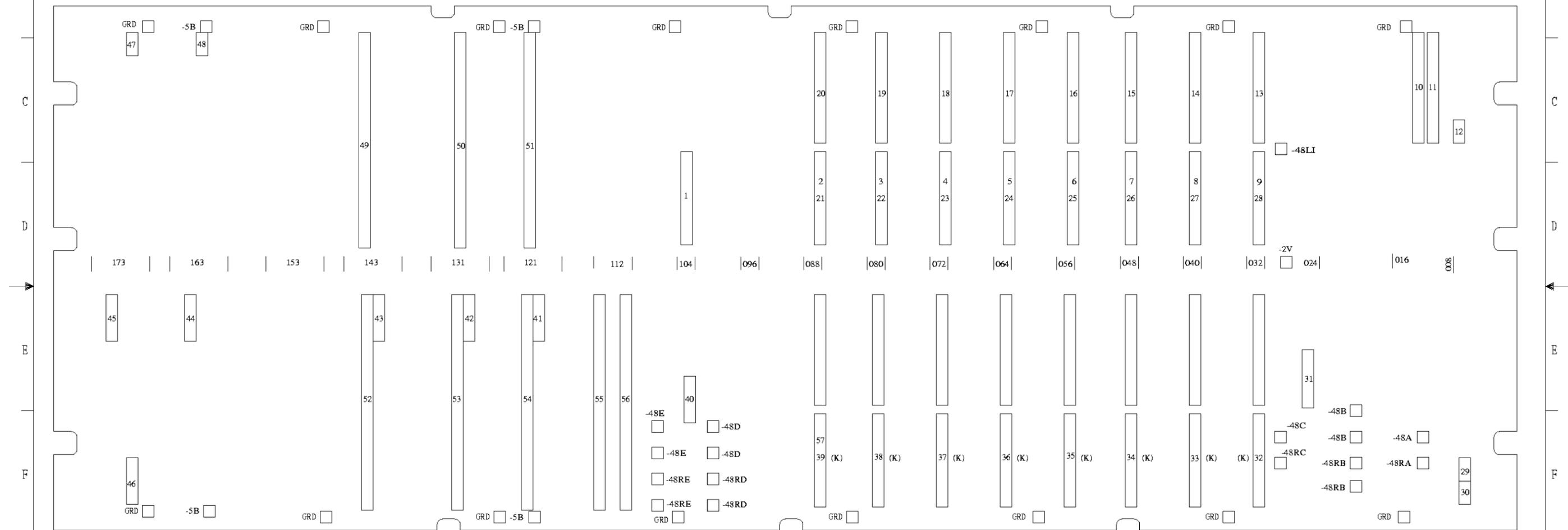
UNIT SYMBOL TABLE OF CONTENTS			
FUNCTION	DESCRIPTION	SIZE	ELEMENT
CLOCK	CLOCK (04-121-319)	2 X 6	41
	CLOCK (04-131-319)	2 X 6	42
	CLOCK (04-143-319)	2 X 6	43
	CLOCK (04-163-519)	2 X 6	44
	CLOCK (04-173-519)	2 X 6	45
CONTROL	CONTROL (04-088-103)	2 X 8	57
	CONTROL (04-112-100)	2 X 24	56
	CONTROL (04-163-353)	2 X 4	48
	CONTROL (04-173-353)	2 X 4	47
DATA	DATA (04-143-532)	2 X 24	49
	DATA (04-131-532)	2 X 24	50
	DATA (04-121-532)	2 X 24	51
	DATA (04-088-132)	2 X 24	2
	DATA (04-080-132)	2 X 24	3
	DATA (04-072-132)	2 X 24	4
	DATA (04-064-132)	2 X 24	5
	DATA (04-056-132)	2 X 24	6
	DATA (04-048-132)	2 X 24	7
	DATA (04-040-132)	2 X 24	8
	DATA (04-032-132)	2 X 24	9
	DATA (04-032-100)	2 X 24	32
	DADT (04-040-100)	2 X 24	33
	DATA (04-048-100)	2 X 24	34
	DATA (04-056-100)	2 X 24	35
	DATA (04-064-100)	2 X 24	36
	DATA (04-072-100)	2 X 24	37
	DATA (04-080-100)	2 X 24	38
	DATA (04-088-100)	2 X 24	39
	DATA (04-112-500)	2 X 24	55
DATA (04-121-500)	2 X 24	54	
DATA (04-131-500)	2 X 24	53	
DATA (04-143-500)	2 X 24	52	
OOS AND INT	OOS AND INT (04-007-003)	2 X 3	29
	OOS AND INT (04-007-000)	2 X 3	30

UNIT SYMBOL TABLE OF CONTENTS			
FUNCTION	DESCRIPTION	SIZE	ELEMENT
POWER	POWER (04-008-145)	2 X 3	12
	POWER (04-104-113)	2 X 6	40
	POWER (04-024-113)	2 X 6	31
	POWER (04-104-332)	2 X 12	1
	POWER LUGS	2 X 2	58
	GROUND STRAPS	2 X 2	59
SCAN AND DISTRIBUTE	SCAN AND DISTRIBUTE (04-015-045)	2 X 12	10
	SCAN AND DISTRIBUTE (04-013-045)	2 X 12	11
SHELF SELECT	SHELF SELECT (04-173-300)	2 X 6	46
QUAD GATEWAY LINK	QGL (04-032-145)	2 X 12	13
	QGL (04-040-145)	2 X 12	14
	QGL (04-048-145)	2 X 12	15
	QGL (04-056-145)	2 X 12	16
	QGL (04-064-145)	2 X 12	17
	QGL (04-072-145)	2 X 12	18
	QGL (04-080-145)	2 X 12	19
	QGL (04-088-145)	2 X 12	20
	QGL (04-088-132)	2 X 12	21
	QGL (04-080-132)	2 X 12	22
	QGL (04-072-132)	2 X 12	23
	QGL (04-064-132)	2 X 12	24
	QGL (04-056-132)	2 X 12	25
	QGL (04-048-132)	2 X 12	26
QGL (04-040-132)	2 X 12	27	
QGL (04-032-132)	2 X 12	28	

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TIME MULTIPLEXED SWITCH UNIT MODEL 3	DWG SIZE	ISSUE
	C2	4M
Lucent Technologies	SD-5D191-01	SHEET GA1

0 1 2 3 4 5 6 7 8 9

# CIRCUIT ACCESS REFERENCE DATA



**FIG. 1**  
BACKPLANE PICTORIAL WIRING SIDE

**NOTES:**

1. POWER LUGS ARE ELEMENT 58.
2. GROUND LUGS ARE ELEMENT 59.
3. ELEMENTS 49-54 SEE NOTE 313.
4. ELEMENTS 2-9 AND 32-39 SEE NOTE 314.

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Lucent Technologies		ISSUE <b>4M</b>
SD-5D191-01		SHEET GB1

# PART OF CAD 1

## UNIT SYMBOL

UNIT SYMBOL															
TERM MOD	FUNC	TERM	LOC	TERM MOD	FUNC	TERM	LOC	TERM MOD	FUNC	TERM	LOC	TERM MOD	FUNC	TERM	LOC
-48LI	P	044	13A0	SCVR1	0	(04-012)048	14F4	Q7RCV1D0	0	(04-032)153	6B0	Q4RCV0D1	0	(04-056)055	6D3
GRD	G	(01-016)1B0	17B6	SCVRO	0	(04-012)049	14F4	Q7RCV0D0	0	(04-032)155	6B0	Q4LOCLKP	0	(04-056)056	11D5
GRD	G	(01-037)0B0	17B6	OOSR	I	(04-012)050	14B2	Q7LOCLKN	0	(04-032)156	11B2	Q4RCV3D+	0	(04-056)121	6D3
GRD	G	(01-061)0B0	17B7	RQIP3B	I	(04-012)051	14B2	Q6XM3D1	0	(04-040)017	9G8	Q4RCV2D0	0	(04-056)123	6D3
GRD	G	(01-085)0B0	17B7	SCZRO	0	(04-012)052	14F4	Q6XM2D1	0	(04-040)019	9G8	Q4L1DIN	0	(04-056)136	8D5
GRD	G	(01-104)3B0	17B8	SCYIO	0	(04-012)053	14F4	Q6RCV3D1	0	(04-040)021	6B3	Q4L1DON	0	(04-056)140	8D5
-5B	P	(01-121)380	13A1	SCXRO	0	(04-012)054	14F5	Q6RCV2D1	0	(04-040)023	6A3	Q4L1SNCN	0	(04-056)142	8D5
GRD	G	(01-130)0B0	17B8	SCWIO	0	(04-012)055	14F5	Q6L1DIP	0	(04-040)036	8B5	Q4L1CLKN	0	(04-056)143	8D5
GRD	G	(01-152)0B0	17B9	SCZ3B1	0	(04-013)045	14F6	Q6L1DOP	0	(04-040)040	8B5	Q4L0DIN	0	(04-056)149	11D5
-5B	P	(01-163)180	13A1	SCX3B1	0	(04-013)046	14F6	Q6L1SNCP	0	(04-040)042	8B5	Q4RCV1D+	0	(04-056)153	6D3
GRD	G	(01-173)0B0	17B9	SCV3B1	0	(04-013)048	14F6	Q6L1CLKP	0	(04-040)043	8B5	Q4RCV0D0	0	(04-056)155	6D3
-48RA	P	(02-012)004	12A0	SCV3B0	0	(04-013)049	14F6	Q6XM1D1	0	(04-040)049	9G8	Q4LOCLKN	0	(04-056)156	11D5
-48A	P	(02-012)008	12A0	OOS3B	I	(04-013)050	14B3	Q6XM0D1	0	(04-040)051	9G8	Q3XM3D1	0	(04-064)017	9G5
-48RA	P	(02-022)000	12B4	SCZ3B0	0	(04-013)052	14F6	Q6RCV1D1	0	(04-040)053	6B3	Q3XM2D1	0	(04-064)019	9G5
-48RA	P	(02-022)004	12B4	SCY3B	0	(04-013)053	14F6	Q6RCV0D1	0	(04-040)055	6B3	Q3RCV3D1	0	(04-064)021	6E0
-48B	P	(02-022)008	12B4	SCX3B0	0	(04-013)054	14F6	Q6LOCLKP	0	(04-040)056	11B5	Q3RCV2D1	0	(04-064)023	6E0
-48B	P	(02-022)012	12B4	SCW3B	0	(04-013)055	14F6	Q6RCV3D0	0	(04-040)121	6B3	Q3L1DIP	0	(04-064)036	8E2
-48RC	P	(02-030)004	12B4	SCZ1R1	I	(04-014)045	14B6	Q6RCV2D0	0	(04-040)123	6B3	Q3L1DOP	0	(04-064)040	8E2
-48C	P	(02-030)008	12B4	SCXR1	I	(04-014)046	14B5	Q6L1DIN	0	(04-040)136	8B5	Q3L1SNCP	0	(04-064)042	8E2
-48RD	P	(02-102)000	12B4	DGN3B	0	(04-014)047	14F2	Q6L1DON	0	(04-040)140	8C5	Q3L1CLKP	0	(04-064)043	8E2
-48RD	P	(02-102)004	12B4	SCVR1	I	(04-014)048	14B5	Q6L1SNCN	0	(04-040)142	8C5	Q3XM1D1	0	(04-064)049	9G6
-48D	P	(02-102)008	12B4	SCVRO	0	(04-014)049	14B5	Q6L1CLKN	0	(04-040)143	8C5	Q3XM0D1	0	(04-064)051	9G5
-48D	P	(02-102)012	12B4	OOS1	0	(04-014)050	12H1	Q6L0DIN	0	(04-040)149	11B5	Q3RCV1D1	0	(04-064)053	6E0
-48RE	P	(02-110)000	12B5	RQIP3B	0	(04-014)051	14F2	Q6RCV1D0	0	(04-040)153	6C3	Q3RCV0D1	0	(04-064)055	6E0
-48RE	P	(02-110)004	12B5	SCZRO	I	(04-014)052	14B6	Q6RCV0D0	0	(04-040)155	6B3	Q3LOCLKP	0	(04-064)056	11E2
-48E	P	(02-110)008	12B4	SCYIO	I	(04-014)053	14B6	Q6LOCLKN	0	(04-040)156	11B5	Q3RCV3D0	0	(04-064)121	6E0
-48E	P	(02-110)012	12B4	SCXRO	I	(04-014)054	14B6	Q5XM3D1	0	(04-048)017	9G7	Q3RCV2D0	0	(04-064)123	6E0
-5B	P	(02-121)+B0	17F7	SCWIO	I	(04-014)055	14B6	Q5XM2D1	0	(04-048)019	9G7	Q3L1DIN	0	(04-064)136	8E2
-5B	P	(02-163)2B0	17F7	SCZ3B1	I	(04-015)045	14B7	Q5RCV3D1	0	(04-048)021	6C0	Q3L1DON	0	(04-064)140	8E2
-48RA	P	(03-012)004	17C0	SCX3B1	I	(04-015)046	14B7	Q5RCV2D1	0	(04-048)023	6C0	Q3L1SNCN	0	(04-064)142	8E2
-48A	P	(03-012)008	17C0	SCV3B1	I	(04-015)048	14B7	Q5L1DIP	0	(04-048)036	8C2	Q3L1CLKN	0	(04-064)143	8E2
-48RB	P	(03-022)000	17E1	SCV3B0	0	(04-015)049	14B6	Q5L1DOP	0	(04-048)040	8C2	Q3L0DIN	0	(04-064)149	11E2
-48RB	P	(03-022)004	17C1	OOS0	0	(04-015)050	12H1	Q5L1SNCP	0	(04-048)042	8C2	Q3RCV1D0	0	(04-064)153	6F0
-48B	P	(03-022)008	17E1	SCZ3B0	I	(04-015)052	14B7	Q5L1CLKP	0	(04-048)043	8C2	Q3RCV0D0	0	(04-064)155	6F0
-48B	P	(03-022)012	17C1	SCYR	I	(04-015)053	14B7	Q5XM1D1	0	(04-048)049	9G7	Q3LOCLKN	0	(04-064)156	11E2
-48C	P	(03-030)004	17C2	SCX3B0	I	(04-015)054	14B7	Q5XM0D1	0	(04-048)051	9G7	Q2XM3D1	0	(04-072)017	9G5
-48C	P	(03-030)008	17C2	SCWR	I	(04-015)055	14B7	Q5RCV1D1	0	(04-048)053	6C0	Q2XM2D1	0	(04-072)019	9G4
-48RD	P	(03-102)000	17C4	PCPM2	I	(04-024)017	12B5	Q5RCV0D1	0	(04-048)055	6C0	Q2RCV3D1	0	(04-072)021	6F3
-48RD	P	(03-102)004	17E4	MCFM2	I	(04-024)117	12B5	Q5LOCLKP	0	(04-048)056	11C2	Q2RCV2D1	0	(04-072)023	6E3
-48D	P	(03-102)008	17C3	-2	P	(04-030)027	17F6	Q5RCV3D0	0	(04-048)121	6C0	Q2L1DIP	0	(04-072)036	8E5
-48D	P	(03-102)012	17E3	Q7XM3D1	0	(04-032)017	9G8	Q5RCV2D0	0	(04-048)123	6C0	Q2L1DOP	0	(04-072)040	8E5
-48RE	P	(03-110)000	17C5	Q7XM2D1	0	(04-032)019	9G8	Q5L1DIN	0	(04-048)136	8D2	Q2L1SNCP	0	(04-072)042	8E5
-48RE	P	(03-110)004	17E5	Q7RCV3D1	0	(04-032)021	6A0	Q5L1DON	0	(04-048)140	8D2	Q2L1CLKP	0	(04-072)043	8E5
-48E	P	(03-110)008	17C4	Q7RCV2D1	0	(04-032)023	6A0	Q5L1SNCN	0	(04-048)142	8D2	Q2XM1D1	0	(04-072)049	9G5
-48E	P	(03-110)012	17E4	Q7L1DIP	0	(04-032)036	8B2	Q5L1CLKN	0	(04-048)143	8D2	Q2XM0D1	0	(04-072)051	9G5
OOS1	0	(04-006)000	12D0	Q7L1DOP	0	(04-032)040	8B2	Q5L0DIN	0	(04-048)149	11C2	Q2RCV1D1	0	(04-072)053	6F3
INT0	0	(04-006)002	12D0	Q7L1SNCP	0	(04-032)042	8B2	Q5RCV1D0	0	(04-048)153	6D0	Q2RCV0D1	0	(04-072)055	6F3
OOS3	0	(04-006)003	12E0	Q7L1CLKP	0	(04-032)043	8B2	Q5RCV0D0	0	(04-048)155	6D0	Q2LOCLKP	0	(04-072)056	11E5
INT2	0	(04-006)005	12E0	Q7XM1D1	0	(04-032)049	9G9	Q5LOCLKN	0	(04-048)156	11D2	Q2RCV3D0	0	(04-072)121	6F3
OOS2	0	(04-007)000	12E0	Q7XM0D1	0	(04-032)051	9G9	Q4XM3D1	0	(04-056)017	9G6	Q2RCV2D0	0	(04-072)123	6F3
INT1	0	(04-007)002	12D0	Q7RCV1D1	0	(04-032)053	6B0	Q4XM2D1	0	(04-056)019	9G6	Q2L1DIN	0	(04-072)136	8E5
OOS4	0	(04-007)003	12F0	Q7RCV0D1	0	(04-032)055	6A0	Q4RCV3D1	0	(04-056)021	6C3	Q2L1DON	0	(04-072)140	8E5
INT3	0	(04-007)005	12F0	Q7LOCLKP	0	(04-032)056	11B2	Q4RCV2D1	0	(04-056)023	6C3	Q2L1SNCN	0	(04-072)142	8E5
FNFALM	I	(04-008)045	12A1	Q7RCV3D0	0	(04-032)121	6A0	Q4L1DIP	0	(04-056)036	8C5	Q2L1CLKN	0	(04-072)143	8F5
FNFTST	0	(04-008)046	12A2	Q7RCV2D0	0	(04-032)123	6A0	Q4L1DOP	0	(04-056)040	8D5	Q2L0DIN	0	(04-072)149	11E5
ALM0	I	(04-008)145	12A2	Q7L1DIN	0	(04-032)136	8B2	Q4L1SNCP	0	(04-056)042	8D5	Q2RCV1D0	0	(04-072)153	6G3
FTST	0	(04-008)146	12A2	Q7L1DON	0	(04-032)140	8B2	Q4L1CLKP	0	(04-056)043	8D5	Q2RCV0D0	0	(04-072)155	6F3
SCZ1R1	0	(04-012)045	14F4	Q7L1SNCN	0	(04-032)142	8B2	Q4XM1D1	0	(04-056)049	9G6	Q2LOCLKN	0	(04-072)156	11E5
SCXR1	0	(04-012)046	14F4	Q7L1CLKN	0	(04-032)143	8B2	Q4XM0D1	0	(04-056)051	9G6	Q1XM3D1	0	(04-080)017	9G4
DGN3B	I	(04-012)047	14B2	Q7L0DIN	0	(04-032)149	11B2	Q4RCV1D1	0	(04-056)053	6D3	Q1XM2D1	0	(04-080)019	9G4

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TIME MULTIPLEXED SWITCH UNIT MODEL 3	DWG SIZE <b>C2</b>	ISSUE <b>4M</b>
Lucent Technologies	SD-5D191-01	
		SHEET GB2

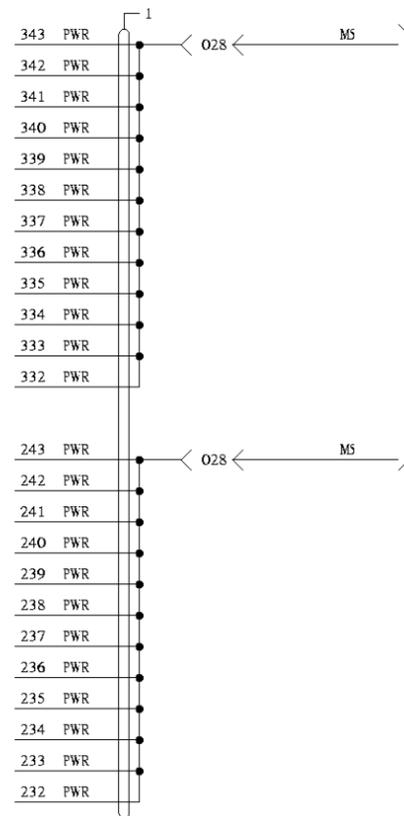
# PART OF CAD 1

## UNIT SYMBOL

TERM MOD	UNIT SYMBOL			TERM MOD	UNIT SYMBOL			TERM MOD	UNIT SYMBOL		
	FUNC	TERM	LOC		FUNC	TERM	LOC		FUNC	TERM	LOC
Q1RCV3D1	0	(04-080)021	6G0	TSUBXM1T	I	(04-112)004	1B0	EJXSYNC1	I	(04-143)322	5B2
Q1RCV2D1	0	(04-080)023	6G0	TSUBXM0T	I	(04-112)005	1B0	EJX65C1	I	(04-143)323	5B2
Q1L1DIP	0	(04-080)036	8F2	STSEERRT	0	(04-112)007	1B9	BRDOPAR	0	(04-163)253	3C2
Q1L1DOP	0	(04-080)040	8F2	STSCDATT	0	(04-112)008	1B9	GRD	G	(04-163)254	3C2
Q1L1SNCP	0	(04-080)042	8F2	ESSCADDT	I	(04-112)010	1B0	GRD	G	(04-163)353	3C2
Q1L1CLKP	0	(04-080)043	8F2	ESSCADDT	I	(04-112)011	1B0	GRD	G	(04-163)356	3C2
Q1XM1D1	0	(04-080)049	9G4	ESRSYNCT	I	(04-112)017	4A0	EJXSYNT3	I	(04-163)423	5B9
Q1XM0D1	0	(04-080)051	9G4	ESR65T	I	(04-112)018	4A0	EJX65T3	I	(04-163)424	5B9
Q1RCV1D1	0	(04-080)053	6G0	TSUBXM3C	I	(04-112)100	1B0	EJXSYNC3	I	(04-163)522	5B9
Q1RCV0D1	0	(04-080)055	6G0	TSUBXM2C	I	(04-112)101	1B0	EJX65C3	I	(04-163)523	5B8
Q0L1CLKP	0	(04-080)056	11F2	TSUBXM1C	I	(04-112)103	1B0	BRD1PAR	I	(04-173)253	3C4
Q1RCV3D0	0	(04-080)121	6G0	TSUBXM0C	I	(04-112)104	1B0	GRD	G	(04-173)254	3C4
Q1RCV2D0	0	(04-080)123	6G0	STSEERRC	0	(04-112)106	1B9	SSEL3	I	(04-173)300	2B4
Q1L1DIN	0	(04-080)136	8F2	STSCDATT	0	(04-112)107	1B9	SSEL2	I	(04-173)301	2B4
Q1L1DON	0	(04-080)140	8F2	ESSCADDT	I	(04-112)109	1B0	SSEL1	I	(04-173)303	2B4
Q1L1SNCN	0	(04-080)142	8G2	ESSCADDT	I	(04-112)110	1B0	SSELO	I	(04-173)304	2B4
Q1L1CLKN	0	(04-080)143	8G2	ESRSYNCC	I	(04-112)116	4A0	GRD	G	(04-173)353	3C4
Q0L1DIN	0	(04-080)149	11F2	ESR65C	I	(04-112)117	4A0	GRD	G	(04-173)356	3C4
Q1RCV1D0	0	(04-080)153	6H0	SEDAT15T	0	(04-112)401	6B9	EJXSYNT2	I	(04-173)423	5B7
Q1RCV0D0	0	(04-080)155	6H0	SEDAT14T	0	(04-112)402	6B9	EJX65T2	I	(04-173)424	5B7
Q0L1CLKN	0	(04-080)156	11F2	SEDAT13T	0	(04-112)404	6B9	EJXSYNC2	I	(04-173)522	5B7
MI32OUTC	IO	(04-088)004	3G6	SEDAT12T	0	(04-112)405	6B9	EJX65C2	I	(04-173)523	5B7
TMSIDATC	IO	(04-088)005	3G6	SEDAT11T	0	(04-112)407	6B9	-48LI	P	(06-030)044	17F6
MIDATC	IO	(04-088)007	3G6	SEDAT10T	0	(04-112)408	6B9	-5A	P	(06-155)034	18D1
M18KC	IO	(04-088)008	3G6	SEDAT9T	0	(04-112)410	6B9	-5A	P	(06-155)038	18D1
MI32C	IO	(04-088)010	3G5	SEDAT8T	0	(04-112)411	6B9	-5A	P	(06-155)042	18D2
Q0XM3D1	0	(04-088)017	9G3	SEDAT7T	0	(04-112)414	6B9	-5A	P	(06-155)046	18D2
Q0XM2D1	0	(04-088)019	9G3	SEDAT6T	0	(04-112)415	6B9	-5A	P	(06-155)050	18D3
Q0RCV3D1	0	(04-088)021	6G3	SEDAT5T	0	(04-112)417	6B9	-5A	P	(06-155)054	18D4
Q0RCV2D1	0	(04-088)023	6G3	SEDAT4T	0	(04-112)418	6B9	-5B	P	(06-159)034	18D5
Q0L1DIP	0	(04-088)036	8F5	SEDAT3T	0	(04-112)420	6B9	-5B	P	(06-159)038	18D6
Q0L1DOP	0	(04-088)040	8F5	SEDAT2T	0	(04-112)421	6B9	-5B	P	(06-159)042	18D6
Q0L1SNCP	0	(04-088)042	8F5	SEDAT1T	0	(04-112)423	6B9	-5B	P	(06-159)046	18D7
Q0L1CLKP	0	(04-088)043	8G5	SEDAT0T	0	(04-112)424	6B9	-5B	P	(06-159)050	18D7
Q0XM1D1	0	(04-088)049	9G3	SEDAT15C	0	(04-112)500	6B9	-5B	P	(06-159)054	18D8
Q0XM0D1	0	(04-088)051	9G3	SEDAT14C	0	(04-112)501	6B9	GRD	G	(07-016)157	17D6
Q0RCV1D1	0	(04-088)053	6H3	SEDAT13C	0	(04-112)503	6B9	GRD	G	(07-037)057	17D6
Q0RCV0D1	0	(04-088)055	6H3	SEDAT12C	0	(04-112)504	6B9	GRD	G	(07-061)057	17D7
Q0L1CLKP	0	(04-088)056	11F5	SEDAT11C	0	(04-112)506	6B9	GRD	G	(07-085)057	17D7
MI32OUTT	IO	(04-088)104	3B6	SEDAT10C	0	(04-112)507	6B9	GRD	G	(07-104)357	17D8
TMSIDATT	IO	(04-088)105	3B6	SEDAT9C	0	(04-112)509	6B9	-5B	P	(07-121)457	17F8
MIDATT	IO	(04-088)107	3B6	SEDAT8C	0	(04-112)510	6B9	GRD	G	(07-130)057	17D8
M18KT	IO	(04-088)108	3B6	SEDAT7C	0	(04-112)513	6B9	GRD	G	(07-152)057	17D9
MI32T	IO	(04-088)110	3B5	SEDAT6C	0	(04-112)514	6B9	-5B	P	(07-163)257	17F8
Q0RCV3D0	0	(04-088)121	6H3	SEDAT5C	0	(04-112)516	6B9	GRD	G	(07-173)057	17D9
Q0RCV2D0	0	(04-088)123	6H3	SEDAT4C	0	(04-112)517	6B9				
Q0L1DIN	0	(04-088)136	8G5	SEDAT3C	0	(04-112)519	6B9				
Q0L1DON	0	(04-088)140	8G5	SEDAT2C	0	(04-112)520	6B9				
Q0L1SNCN	0	(04-088)142	8G5	SEDAT1C	0	(04-112)522	6B9				
Q0L1CLKN	0	(04-088)143	8G5	SEDAT0C	0	(04-112)523	6B9				
Q0L1DIN	0	(04-088)149	11G5	EJXSYNT0	I	(04-121)223	5B0				
Q0RCV1D0	0	(04-088)153	6H3	EJX65T0	I	(04-121)224	5B0				
Q0RCV0D0	0	(04-088)155	6H3	EJXSYNC0	I	(04-121)322	5B0				
Q0L1CLKN	0	(04-088)156	11G5	EJX65C0	I	(04-121)323	5B0				
PCPM5A	I	(04-096)017	12B5	EJXSYNT	I	(04-131)223	5B5				
MCPM5A	I	(04-096)117	12B5	EJX65T	I	(04-131)224	5B5				
PCPM5B	I	(04-104)017	12F9	EJXSYNC	I	(04-131)322	5B5				
MCPM5B	I	(04-104)117	12G9	EJX65C	I	(04-131)323	5B4				
TSUBXM3T	I	(04-112)001	1B0	EJXSYNT1	I	(04-143)223	5B2				
TSUBXM2T	I	(04-112)002	1B0	EJX65T1	I	(04-143)224	5B2				

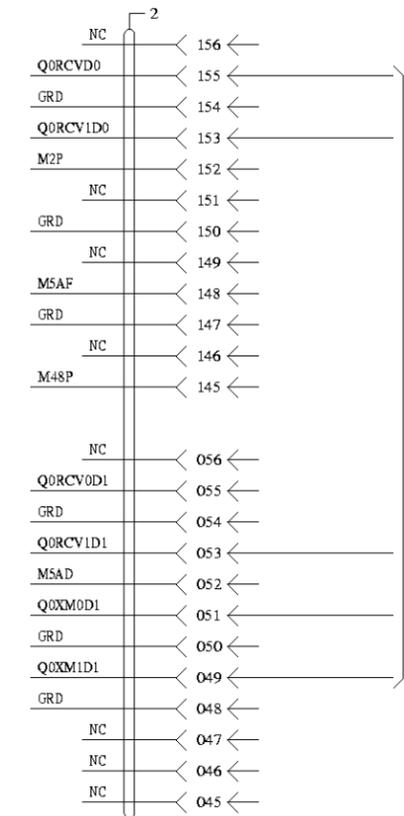
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TIME MULTIPLEXED SWITCH UNIT MODEL 3		DWG SIZE <b>C2</b>
		ISSUE <b>4M</b>
Lucent Technologies	SD-5D191-01	SHEET GB3

# P/O CAD 1



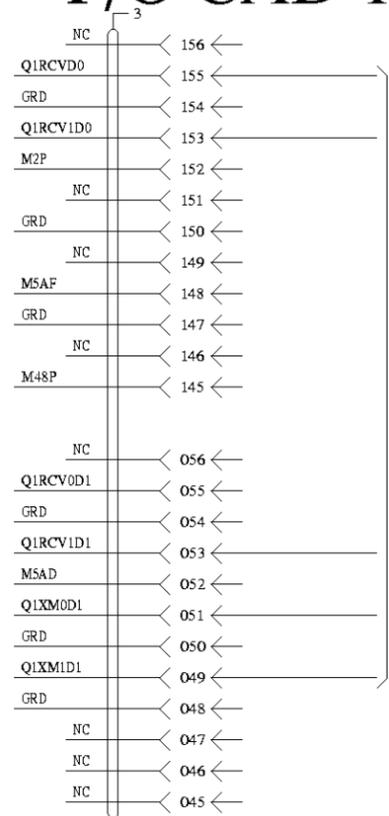
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E BUS  
UNIT



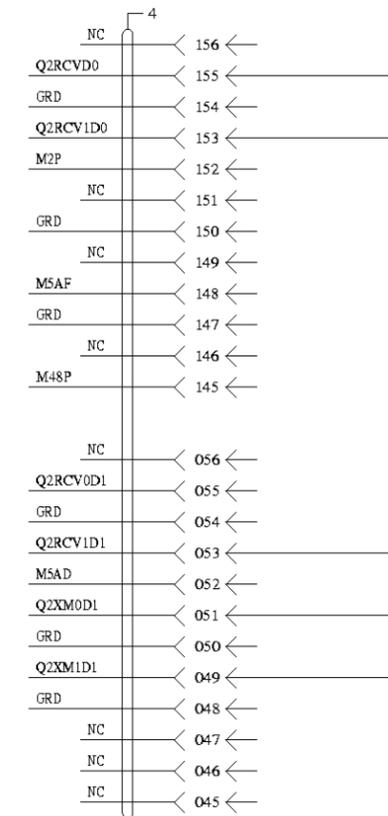
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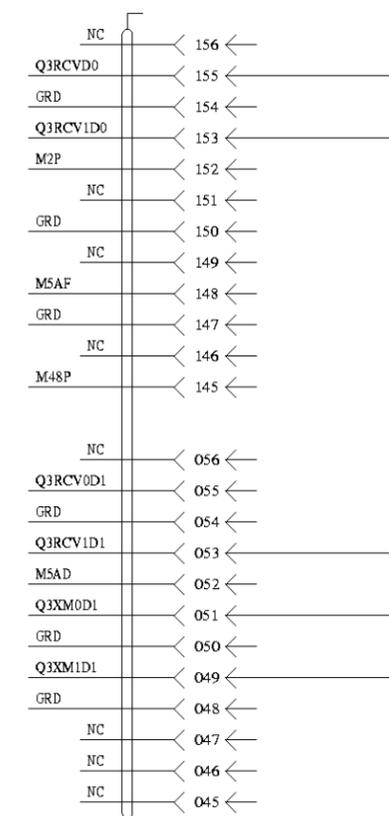
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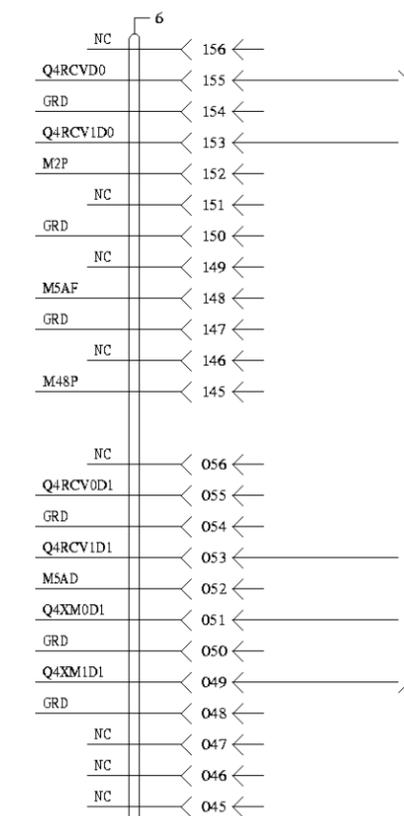
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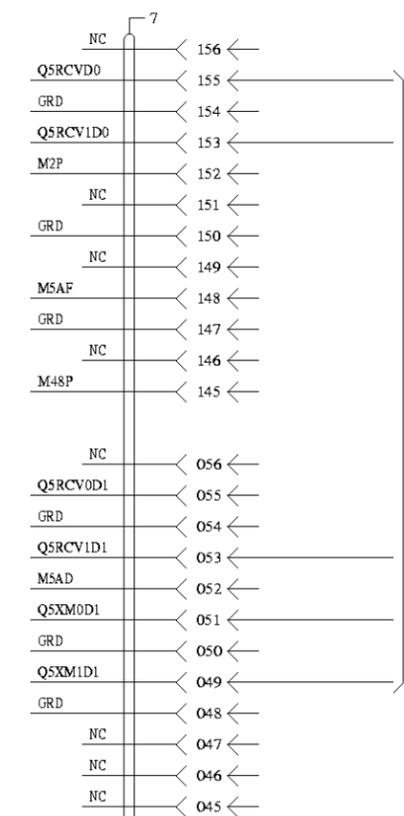
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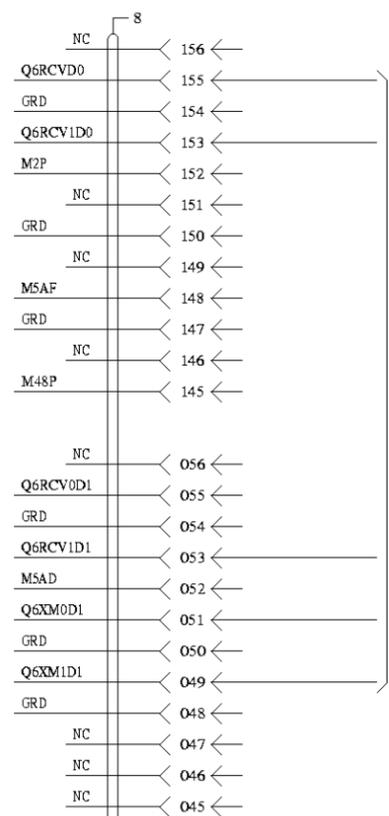
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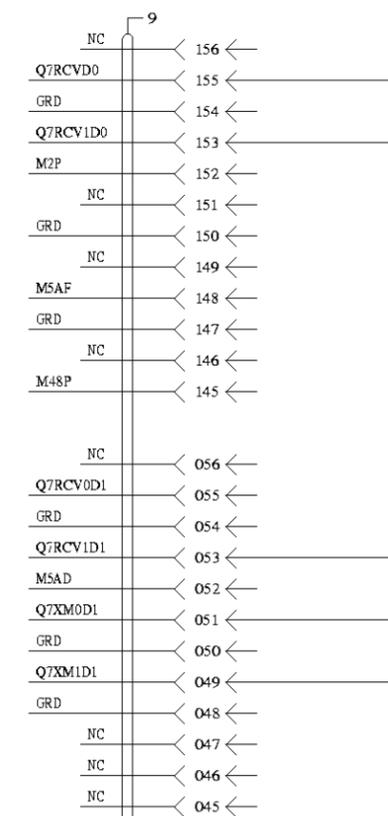
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OPTIC  
TO  
SM



04-040

OPTIC  
TO  
SM

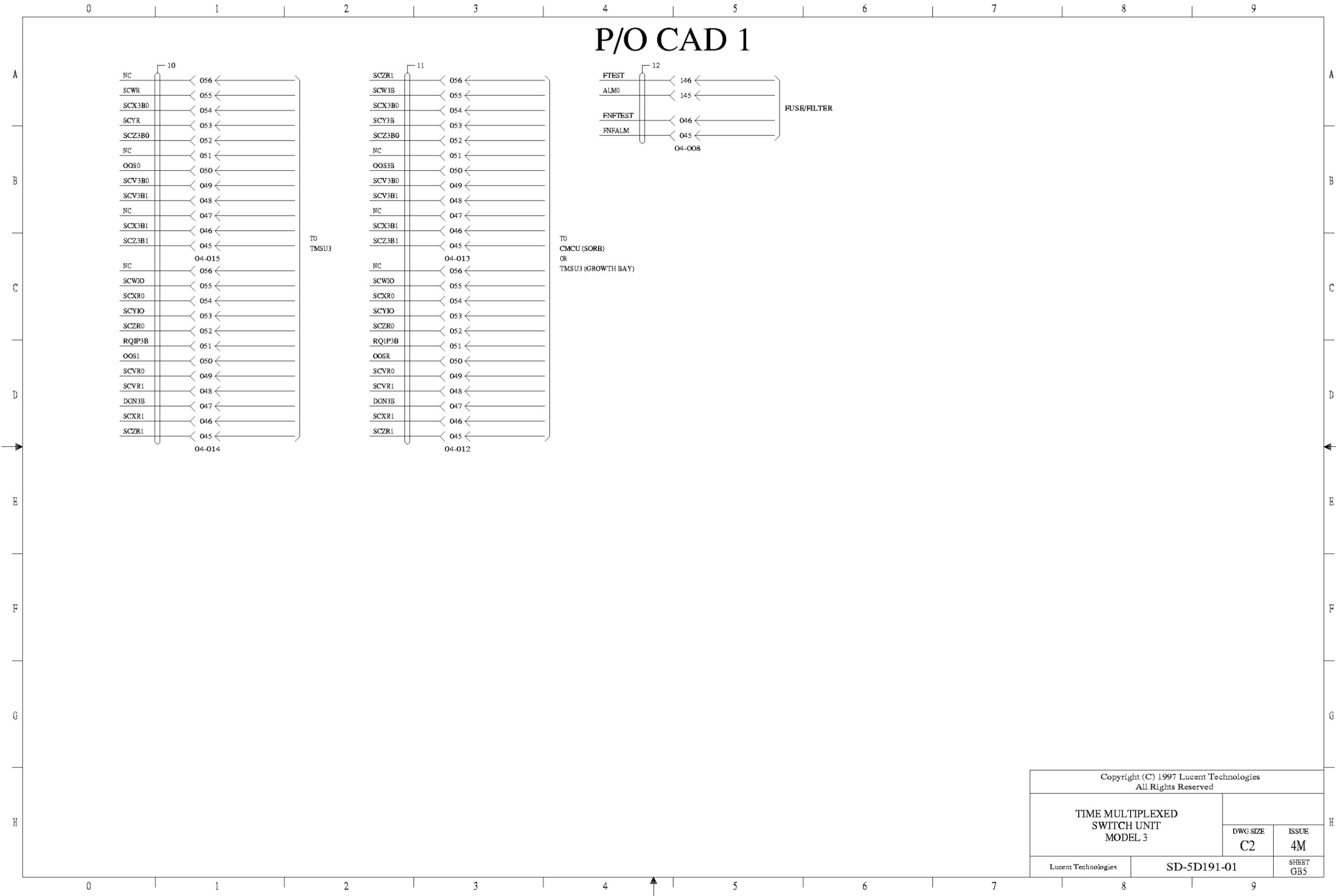


04-032

OPTIC  
TO  
SM

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TIME MULTIPLEXED SWITCH UNIT MODEL 3		DWG SIZE <b>C2</b>
		ISSUE <b>4M</b>
Lucent Technologies	SD-5D191-01	SHEET GB4

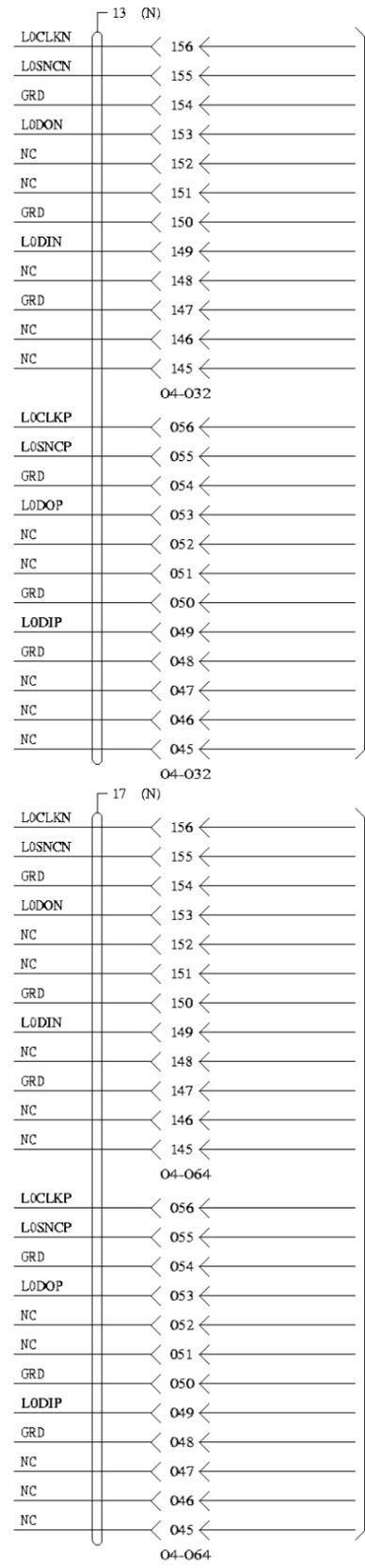
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TIME MULTIPLEXED SWITCH UNIT MODEL 3	DWG SIZE	ISSUE
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Lucent Technologies	SD-5D191-01	SHEET GB5

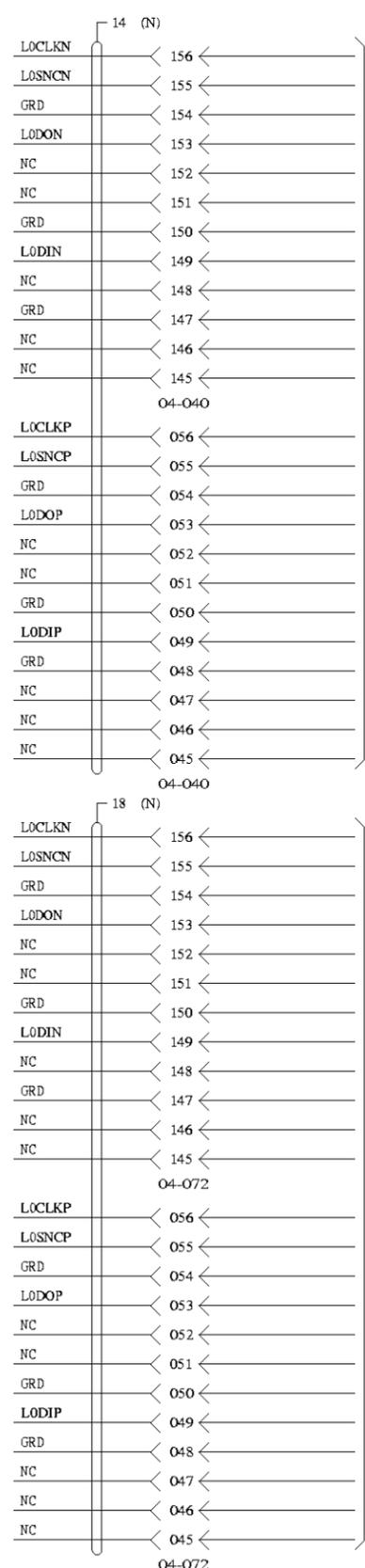
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A  
B  
C  
D  
E  
F  
G  
H



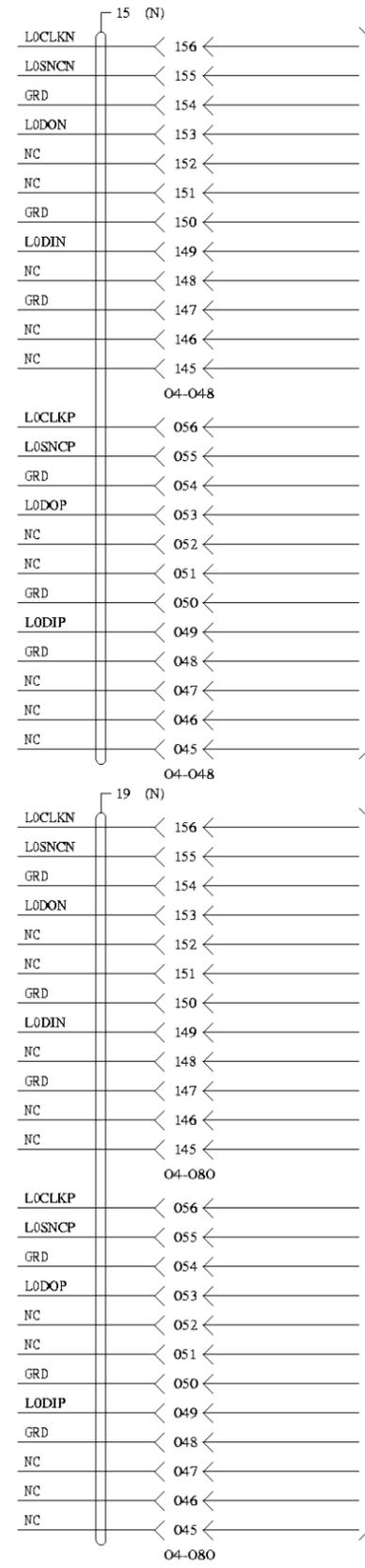
TO  
CMPU

TO  
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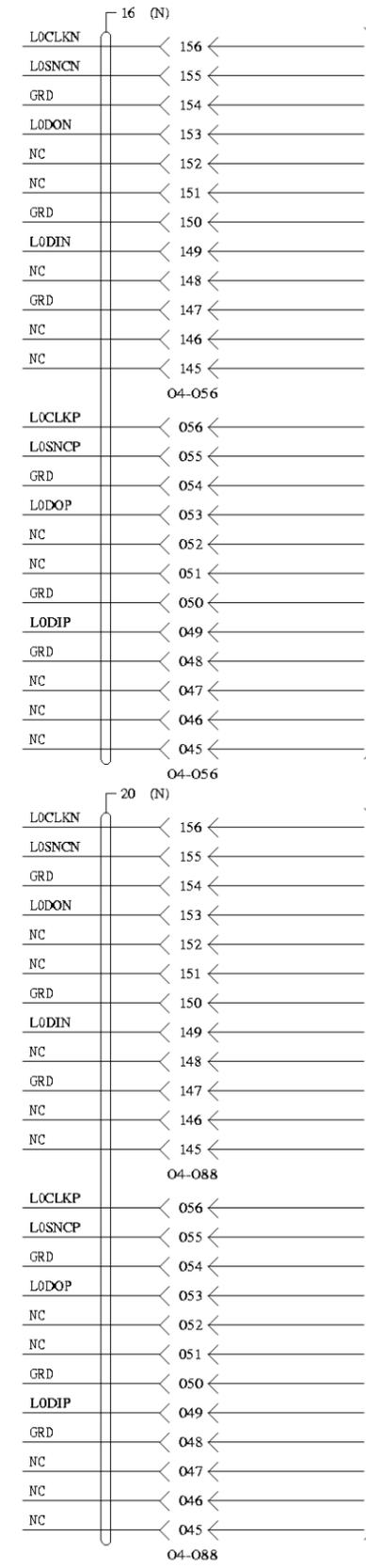
TO  
CMPU

TO  
CMPU



TO  
CMPU

TO  
CMPU



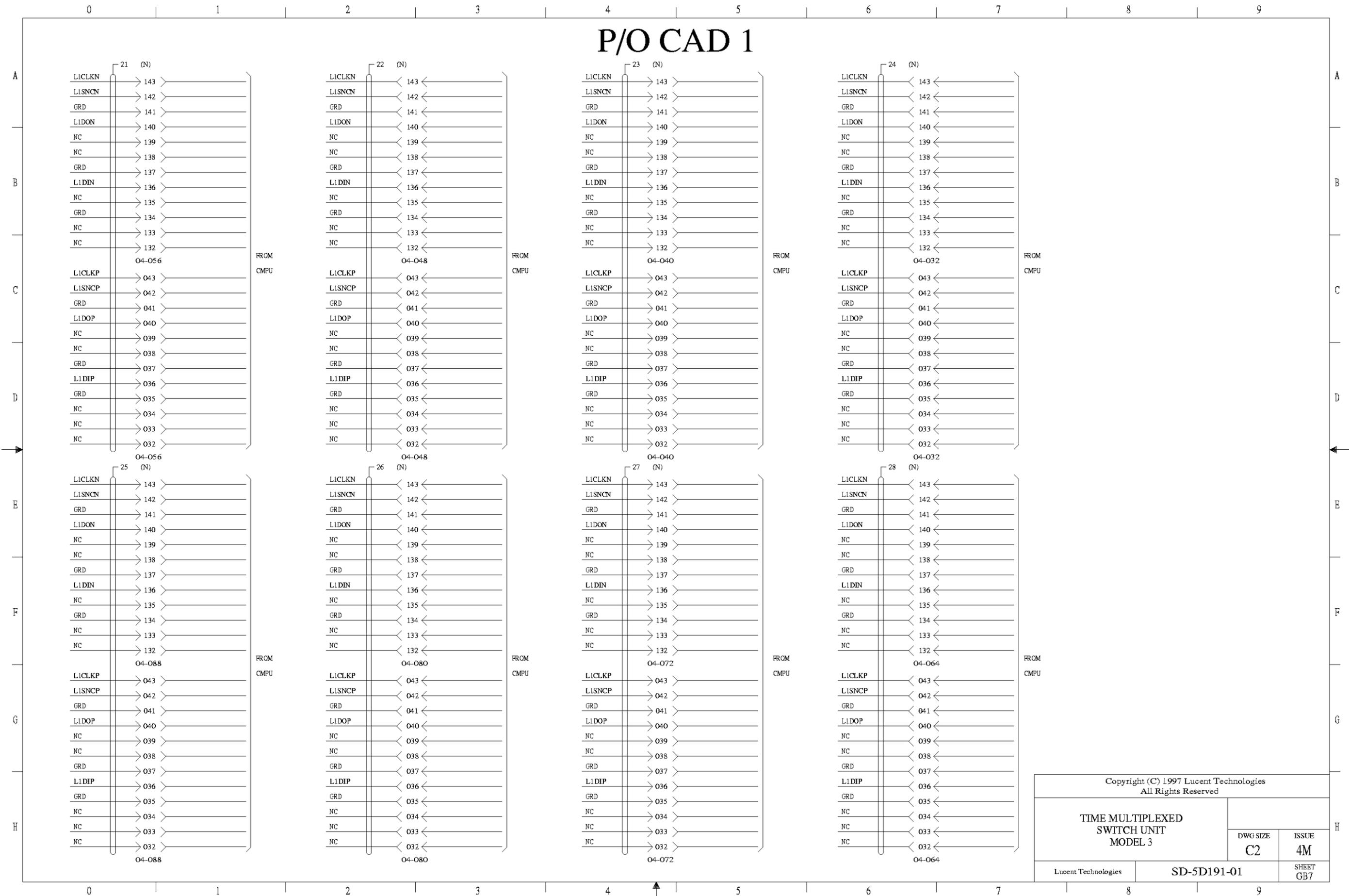
TO  
CMPU

TO  
CMPU

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TIME MULTIPLEXED SWITCH UNIT MODEL 3		DWG SIZE C2
		ISSUE 4M
Lucent Technologies	SD-5D191-01	SHEET GB6

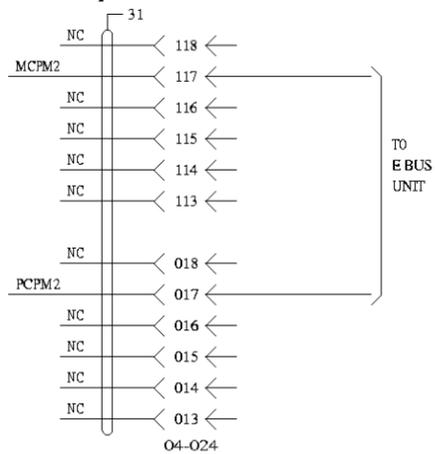
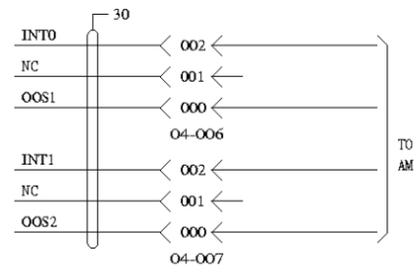
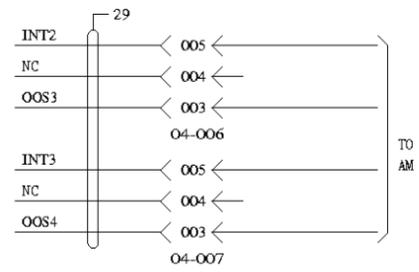
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B  
C  
D  
E  
F  
G  
H

# P/O CAD 1



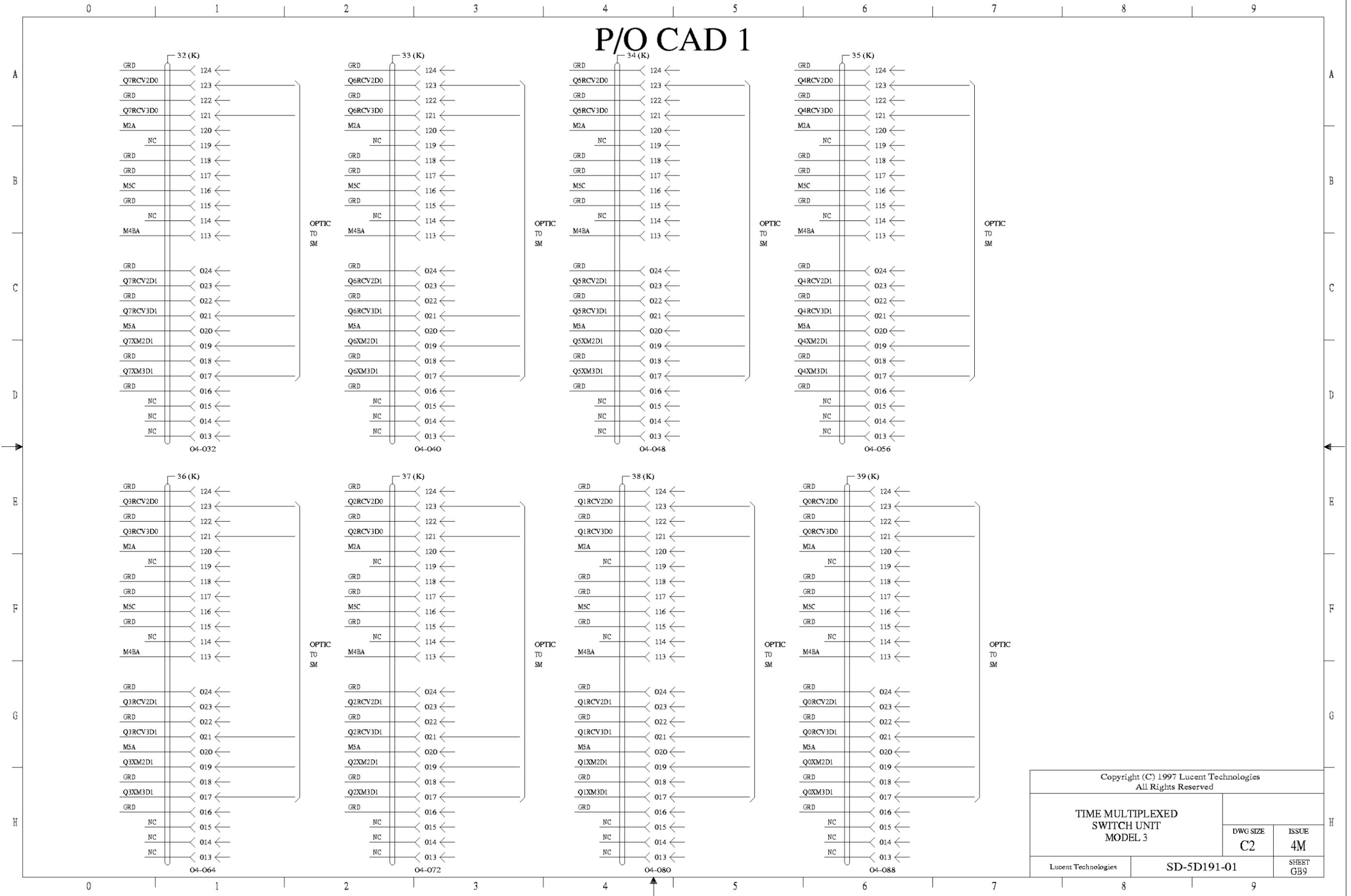
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TIME MULTIPLEXED SWITCH UNIT MODEL 3		DWG SIZE <b>C2</b>
		ISSUE <b>4M</b>
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	C2	4M
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# P/O CAD 1



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		ISSUE
Lucent Technologies	SD-5D191-01	SHEET GB9

DWG SIZE  
**C2**

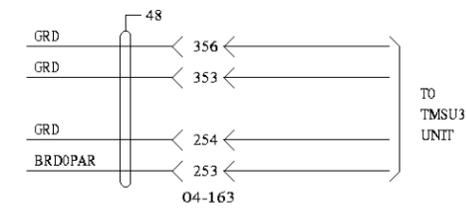
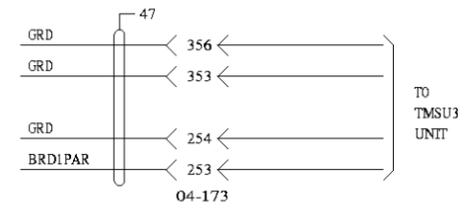
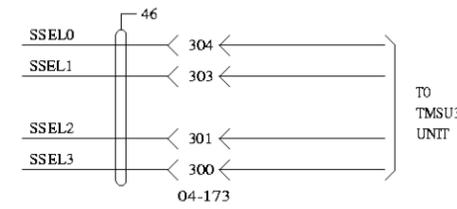
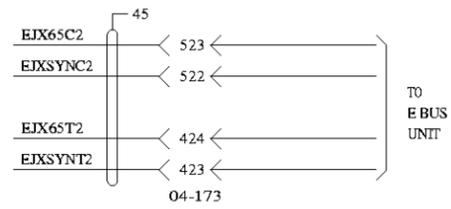
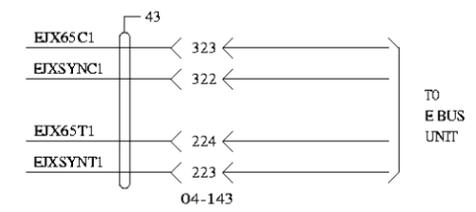
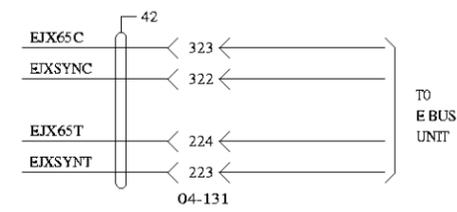
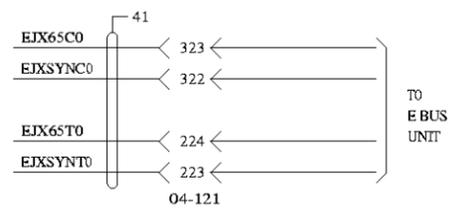
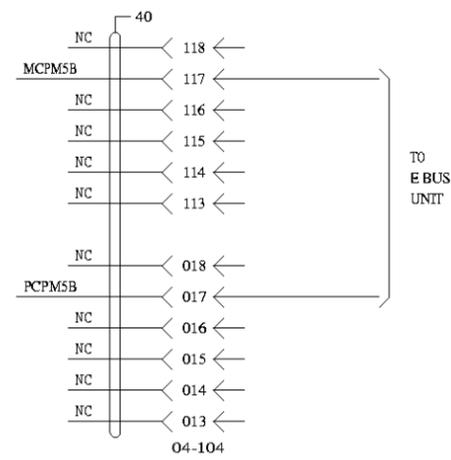
ISSUE  
**4M**

Lucent Technologies

SD-5D191-01

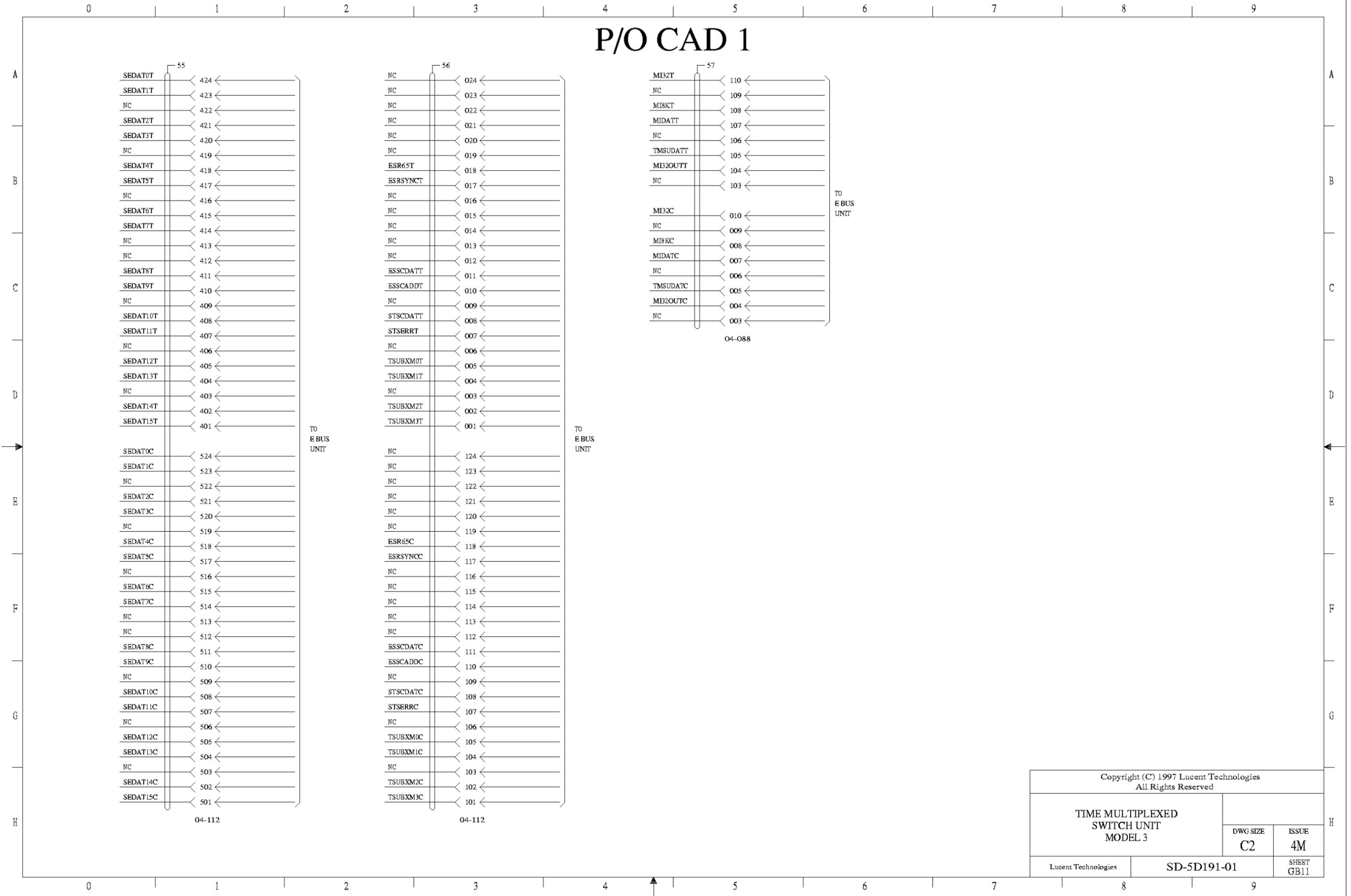
SHEET  
GB9

# P/O CAD 1



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TIME MULTIPLEXED SWITCH UNIT MODEL 3	DWG SIZE	ISSUE
	C2	4M
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# P/O CAD 1



04-112

04-112

04-088

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	C2	4M
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