

DESIGNATION MNEMONICS

MNEMONIC	LOC	DEFINITION	MNEMONIC	LOC	DEFINITION	MNEMONIC	LOC	DEFINITION	MNEMONIC	LOC	DEFINITION
+CNTSNSA	204F3	POWER CONVERTER CURRENT SENSE POSITIVE	ASCWR0	101B2	FPC/PPC SCAN W RETURN FOR IOP 0	BERR0	104F3	FPC, ERROR LEAD	BXTIORD0	104F4	FPC, EXTERNAL INPUT/OUTPUT READ
-5PWR	202F6	5 VOLTS POWER FOR MSCU2	ASCWR1	108B1	FPC/PPC SCAN W RETURN FOR IOP 1	BICER0	206B3	BUS INTERFACE ERROR	BXTIOWT0	105F3	FPC, EXTERNAL INPUT/OUTPUT WRITE
+5PWR01	104B6	5 VOLTS POWER FOR FPC/PPC	ASCX3B0	108F1	FPC/PPC SCAN X FOR IOP 0	BINT	106C6	FPC/PPC POWER CONVERTER INTERLOCK	BXLATCH0	104F4	FPC, EXTERNAL LATCH
-CNTSNSA	205F3	POWER CONVERTER CURRENT SENSE NEGATIVE	ASCX3B0R	108B1	FPC/PPC SCAN X RETURN FOR IOP 0	BINTR	201C3	FPC/PPC POWER CONVERTER INTERLOCK RETURN	BXMEM110	105F3	FPC, EXTERNAL MEMORY INPUT/OUTPUT
-48PWRA	101B7	48 VOLT POWER	ASCX3B1	108F1	FPC/PPC SCAN X LED FOR IOP 1	BINTR0	108B7	FPC, INTERRUPT TO PIC2	BXPWRRST	104F4	FPC EXTERNAL POWER RESTART
-48PWRB	211C3	48 VOLT POWER	ASCX3B1R	108B1	FPC/PPC SCAN X RETURN FOR IOP 1	BINTSUM0	207F2	B IOMI INTERRUPT SUMMARY	CARRY1	206C6	PIC2 ALU CARRY TEST CONDITION
-48RTNA	107B4	48 VOLT RETURN	ASCY3BR[0:1]	108B2	FPC/PPC SCAN Y RETURN FOR IOP 0 OR 1	BMPF0Y	108F1	FPC/PPC SCAN Y	CCLOCK1	208C3	CONTINUOUS SYSTEM CLOCK ONE
-48RTNB	211B3	48 VOLT RETURN	ASR0	108E4	PPC, SERVICE REQUEST	BMPF1Y	108F1	FPC/PPC SCAN Y RETURN	CCYCEND1	207C2	CONTINUOUS SYSTEM CLOCK CYCLE END
ACSA0	102F3	PPC, CONTROL SIGNAL ACKNOWLEDGE	AX10MINT	102F3	PPC, EXTERNAL ADDRESS MILLISECOND INTERRUPT	BOOS3B	106C2	FPC/PPC OOS SD	CDS1	106D6	CONTROL AND DISPLAY SCAN POINT (1)
ADGN3B	108E1	FPC/PPC DIAGNOSTIC SD	AXADDPH	103D3	PPC, EXTERNAL ADDRESS PARITY LOW	BOOSR	108C1	FPC/PPC OOS SD RETURN	CDS2	201C4	CONTROL AND DISPLAY SCAN POINT (2)
ADGNRTN	101G1	FPC/PPC DIAGNOSTIC RETURN	AXADDPL	103D3	PPC, EXTERNAL ADDRESS PARITY LOW	BP2IN	104B5	FPC, EQUIPPED APPLICATION PIN 1 OR 2	CDS3	106D6	CONTROL AND DISPLAY SCAN POINT (3)
ADTAPER1	202D6	INPUT/OUTPUT MICROPROCESSOR INTERFACE DATA PARITY ERROR	AXADD[00:15]	102F2	PPC, EXTERNAL ADDRESS	BPCSEL0	104B5	FPC, PC SELECT	CDTAPER1	206B3	INPUT/OUTPUT MICROPROCESSOR INTERFACE DATA PARITY ERROR
AENBYBYT	102B5	PPC, ENABLE BYTE BYTE	AXALWPGE	102F3	FPC, EXTERNAL ALLOW PROGRAMMING ERROR	BRQIP3B	108E1	FPC/PPC REQUEST IN PROGRESS	CFLG0	206D3	CLEAR BIC DATA FLAG
AENHIBYT	102B5	PPC, ENABLE HIGH BYTE	AXCLK86	102F3	FPC, EXTERNAL CLOCK 8086	BRQIP3BR	106D2	FPC/PPC REQUEST IN PROGRESS RETURN	CINTA[0:3]0	213B5	COMMAND INTERRUPT IOMI A, COMMUNITY 0
AENLOBYT	103C6	PPC, ENABLE LO BYTE	AXCSWIND	103C3	PPC, EXTERNAL CHIP SELECT WINDOW	BSCW3B0	106E6	FPC/PPC SCAN W FOR IOP 0	CINTB[0:3]0	215B1	COMMAND INTERRUPT IOMI B, COMMUNITY 0
AERR0	102F3	PPC, ERROR LEAD	AXCSWIND	103C3	PPC, EXTERNAL CHIP SELECT WINDOW	BSCW3B1	108G1	FPC/PPC SCAN W FOR IOP 1	CINTC[0:3]0	216B7	COMMAND INTERRUPT IOMI C, COMMUNITY 0
AINT	101C6	FPC/PPC POWER CONVERTER INTERLOCK	ACDATAH	103C3	PPC, EXTERNAL DATA PARITY HIGH	BSCWR0	106E6	FPC/PPC SCAN W RETURN FOR IOP 0	CINTD[0:3]0	217B8	COMMAND INTERRUPT IOMI D, COMMUNITY 0
AINTR	101C5	FPC/PPC POWER CONVERTER INTERLOCK RETURN	AXDATAPL	102B3	PPC, EXTERNAL DATA PARITY LOW	BSCX3B0	108C1	FPC/PPC SCAN W RETURN FOR IOP 1	CINTSUM0	208E3	C IOMI INTERRUPT SUMMARY
AINTR0	102F3	PPC, INTERRUPT TO PIC2	AXDATA[00:07]	103E3	PPC, EXTERNAL DATA [00:07]	BSCX3B0R	108G1	FPC/PPC SCAN X FOR IOP 0	CLEAR10	208C6	CLEAR SIGNAL FOR PIC2
AINTSUM0	206D3	A IOMI INTERRUPT SUMMARY	AXDATA[08:15]	102B7	PPC, EXTERNAL DATA [08:15]	BSCX3B1	108G1	FPC/PPC SCAN X LED FOR IOP 1	CLK00(P,N)	210E6	SERIAL CHANNEL ZERO CLOCK OUT (POSITIVE, NEGATIVE)
ALMC1	101B0	ALARM CIRCUIT 1 FOR FPC/PPC	AXINTACK	102F4	PPC, EXTERNAL INTERRUPT ACKNOWLEDGE	BSCX3B1R	108C1	FPC/PPC SCAN X RETURN FOR IOP 1	CLK10(P,N)	210E6	SERIAL CHANNEL ONE CLOCK OUT (POSITIVE, NEGATIVE)
ALMC2	101G0	ALARM CIRCUIT 2 FOR FPC/PPC	AXINTREQ	103C6	PPC, EXTERNAL INTERRUPT REQUEST	BSCY3BR[0:1]	108C2	FPC/PPC SCAN Y RETURN FOR IOP 0 OR 1	CLKA1	206C6	SYSTEM CLOCK A1
ALMC2R	101B3	ALARM CIRCUIT 2R FOR FPC/PPC	AXIORD0	103D3	PPC, EXTERNAL INPUT/OUTPUT READ	BSR0	108B4	FPC, SERVICE REQUEST	CLOCK1	207C2	SYSTEM CLOCK ONE
ALRMA	201G5	ALARM CIRCUIT A FOR MSCU2	AXIOWT0	102F4	PPC, EXTERNAL INPUT/OUTPUT WRITE	BX10MINT	104F3	FPC, EXTERNAL 10 MILLISECOND INTERRUPT	CLOCKQH	202C3	SYSTEM CLOCK QH
ALRMAR	106F6	ALARM CIRCUIT AR FOR MACU2	AXLATCH0	103D3	PPC, EXTERNAL LATCH	BXADDPH	105E3	FPC, EXTERNAL ADDRESS PARITY LOW	CLRPCA[0:3]0	213B3	CLEAR PC, IOMI A, COMMUNITY 0
ALRMB	106D2	ALARM CIRCUIT B FOR MSCU2	AXLATCH0	103D3	PPC, EXTERNAL LATCH	BXADDPL	104F2	FPC, EXTERNAL ADDRESS PARITY LOW	CLRPCB[0:3]0	214B9	CLEAR PC, IOMI B, COMMUNITY 0
AMPF0Y	108E1	FPC/PPC SCAN Y	AXMEM110	103D3	PPC, EXTERNAL MEMORY INPUT/OUTPUT	BXADD[00:15]	105E3	FPC, EXTERNAL ADDRESS	CLRPCCC[0:3]0	216B5	CLEAR PC, IOMI C, COMMUNITY 0
AMPF1Y	108E1	FPC/PPC SCAN Y RETURN	AXMEMRD0	103D3	PPC, EXTERNAL MEMORY READ	BXALWPGE	104F3	FPC, EXTERNAL ALLOW PROGRAMMING ERROR	CLRPCD[0:3]0	218B2	CLEAR PC, IOMI D, COMMUNITY 0
AOOS3B	101G1	FPC/PPC OOS SD	BADDZPE0	104B2	FPC ADDRESS PARITY	BXCK4MHZ	105E3	FPC EXTERNAL 4 MHZ CLOCK	CMDINT0	104B2	COMMAND INTERRUPT
AOOSR	101G1	FPC/PPC OOS SD RETURN	BCMDINT0	105E3	FPC COMMAND INTERRUPT	BXCLRESR	104F3	FPC EXTERNAL CLEAR ERROR DETECTION CIRCUIT	CP0	210E6	COMMAND PRESENT ON 32 BIT INFORMATION BUS
AP1IN	103F6	PPC, EQUIPPED APPLICATION PIN 1 OR 2	RCSA0	104F2	FPC, CONTROL SIGNAL ACKNOWLEDGE	BXCSWIND	103C3	FPC, EXTERNAL CHIP SELECT WINDOW			
AP2IN	102B5	FPC, EQUIPPED APPLICATION PIN 1 OR 2	BDATZPE0	105E6	FPC DATA PARITY	BXDATAPL	104B2	FPC, EXTERNAL DATA PARITY LOW			
APBHE0	102B6	PPC, PERIPHERAL BUS ENABLE	BDGN3B	108F1	MSCU2 DIAGNOSTIC SD	BXDATA0(0-7)	105A6	FPC, EXTERNAL DATA (0-7)			
APCSEL0	102B6	PPC, PC SELECT	BDGNRTN	108C1	MSCU2 DIAGNOSTIC SD RETURN	BXFUNC1	105F3	FPC EXTERNAL CONTINUOUS WAIT STATE			
APUMPCS0	103C3	PPC CHIP SELECT	BDTAPER1	203D6	INPUT/OUTPUT MICROPROCESSOR INTERFACE DATA PARITY ERROR	BXINTACK	104F4	FPC, EXTERNAL INTERRUPT ACKNOWLEDGE			
ARQIP3B	108E1	FPC/PPC REQUEST IN PROGRESS	BENBYBYT	105E6	FPC, ENABLE BYTE BYTE	BXINTREQ	105F6	FPC, EXTERNAL INTERRUPT REQUEST			
ARQIP3BR	101G1	FPC/PPC REQUEST IN PROGRESS RETURN	BENLOBYT	104B5	FPC, ENABLE LO BYTE						

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MESSAGE SWITCH CONTROL UNIT
MODEL 2

DWG SIZE
C2

ISSUE
5M

Lucent TechnologiesSD-5D077-01SHEET
A2

0			1			2			3			4			5			6			7			8			9		
DESIGNATION MNEMONICS INDEX																													
A	MNEMONIC	LOC	DEFINITION	MNEMONIC	LOC	DEFINITION	MNEMONIC	LOC	DEFINITION	MNEMONIC	LOC	DEFINITION	MNEMONIC	LOC	DEFINITION														
	CRTRCV	207F2	UNIX CRT RECEIVE	DATRDYH	207F3	DATA READY IMCS	DMAD[200:215]1	205D7	DMA ADDRESS, IOMA D, COMMUNITY 0 ADDRESS (00-15)	DMADD[20:28]1	205F3	DMA DATA, IOMA D, COMMUNITY 0, BIT (0-8)																	
B	CRTTRM	207F2	UNIX CRT TRANSMIT	DATRDYPI	206C3	DATA READY PIC2	DMAD[300:315]1	205D7	DMA ADDRESS, IOMA D, COMMUNITY 1 ADDRESS (00-15)	DMADD[30:38]1	205F3	DMA DATA, IOMA D, COMMUNITY 1, BIT (0-8)																	
	CSAA[00:03]0	212B1	CONTROL SIGNAL ACKNOWLEDGE IOMI A, COMMUNITY [0:3], PC (0-3)	DBPH1	205F3	DATABUS PARITY (HIGH)																							
C	CSAA[10:13]0	202C3	CONTROL SIGNAL ACKNOWLEDGE IOMI A, COMMUNITY [0:3], PC (0-3)	DBPL1	206C6	DATABUS PARITY (LOW)	DMADA01	108F8	DMA DATA FOR FPC/PPC	DMAOCA[0:3]0	213C5	DMA OPERATION COMPLETE IOMI A COMMUNITY (0-3)																	
				DB[00-15]1	205F3	DATA BUS (00-15)																							
D	CSAA[20:23]0	202C3	CONTROL SIGNAL ACKNOWLEDGE IOMI A, COMMUNITY [0:3], PC (0-3)	DDTAPER1	205E6	INPUT/OUTPUT MICROPROCESSOR INTERFACE DATA PARITY ERROR	DMADA11	104B3	DMA DATA FOR FPC/PPC	DMAOCB[0:3]0	215C1	DMA OPERATION COMPLETE IOMI B COMMUNITY (0-3)																	
	CSAA[30:33]0	202C3	CONTROL SIGNAL ACKNOWLEDGE IOMI A, COMMUNITY [0:3], PC (0-3)	DESTRDH0	206C3	IMCS DESTINATION REGISTER READ HIGH BYTE	DMADA21	102B4	DMA DATA FOR FPC/PPC	DMAOCC[0:3]0	216C7	DMA OPERATION COMPLETE IOMI C COMMUNITY (0-3)																	
E	CSAB[00:03]0	213B7	CONTROL SIGNAL ACKNOWLEDGE IOMI B, COMMUNITY [0:3], PC (0-3)	DESTRDL0	207F3	IMCS DESTINATION REGISTER READ LOW BYTE	DMADA31	108C7	DMA DATA FOR FPC/PPC	DMAOCD[0:3]0	218C4	DMA OPERATION COMPLETE IOMI D COMMUNITY (0-3)																	
				DESTWRH0	206C3	IMCS DESTINATION REGISTER WRITE HIGH BYTE	DMADA41	102B4	DMA DATA FOR FPC/PPC	DMAOPC0	102B5	PERIPHERAL CONTROLLER DIRECT MEMORY ACCESS COMPLETED																	
F	CSAB[10:13]0	203C3	CONTROL SIGNAL ACKNOWLEDGE IOMI B, COMMUNITY [0:3], PC (0-3)	DESTWRL0	207F3	DESTINATION REGISTER WRITE LOW BYTE	DMADA51	108C7	DMA DATA FOR FPC/PPC	DMARD0	108E4	FPC/PPC READ SIGNAL																	
	CSAB[20:23]0	203C3	CONTROL SIGNAL ACKNOWLEDGE IOMI B, COMMUNITY [0:3], PC (0-3)	DFLG0	206C3	DATA FLAG	DMADA61	102B4	DMA DATA FOR FPC/PPC	DMARDA[0:3]0	213C1	DMA READ IOMI (A), COMMUNITY (0-3)																	
G	CSAB[30:33]0	203C3	CONTROL SIGNAL ACKNOWLEDGE IOMI B, COMMUNITY [0:3], PC (0-3)	DINTSUM0	208E3	D IOMI INTERRUPT SUMMARY	DMADA71	108C7	DMA DATA FOR FPC/PPC	DMARDB[0:3]0	215C1	DMA READ IOMI (B), COMMUNITY (0-3)																	
				DMAA[000:015]1	212B1	DMA ADDRESS, IOMI A, COMMUNITY 0 ADDRESS (00-15)	DMADAP1	102B4	DMA DATA PARITY	DMARDC[0:3]0	216C7	DMA READ IOMI (C), COMMUNITY (0-3)																	
H	CSAC[00:03]0	215B3	CONTROL SIGNAL ACKNOWLEDGE IOMI C, COMMUNITY [0:3], PC (0-3)	DMAA[100:115]1	202C6	DMA ADDRESS, IOMI A, COMMUNITY 1 ADDRESS (00-15)	DMADA[00:08]1	202E3	DMA DATA, IOMA A, COMMUNITY 0, BIT (0-8)	DMARDD[0:3]0	218C4	DMA READ IOMI (D), COMMUNITY (0-3)																	
	CSAC[10:13]0	204C3	CONTROL SIGNAL ACKNOWLEDGE IOMI C, COMMUNITY [0:3], PC (0-3)	DMAA[200:215]1	212B9	DMA ADDRESS, IOMI A, COMMUNITY 2 ADDRESS (00-15)	DMADA[10:18]1	202E3	DMA DATA, IOMA A, COMMUNITY 1, BIT (0-8)	DMAREQ0	104B4	DMA REQUEST FPC/PPC																	
I	CSAC[20:23]0	204C3	CONTROL SIGNAL ACKNOWLEDGE IOMI C, COMMUNITY [0:3], PC (0-3)	DMAA[300:315]1	202C6	DMA ADDRESS, IOMI A, COMMUNITY 3 ADDRESS (00-15)	DMADA[20:28]1	202F3	DMA DATA, IOMA A, COMMUNITY 2, BIT (0-8)	DMARQA[0:3]0	213C1	DMA REQUEST IOMI A, COMMUNITY (0-3)																	
	CSAC[30:33]0	204C3	CONTROL SIGNAL ACKNOWLEDGE IOMI C, COMMUNITY [0:3], PC (0-3)	DMAAD[00-15]1	102B3	DMA ADDRESS FOR FPC/PPC	DMADA[30:38]1	202F3	DMA DATA, IOMA A, COMMUNITY 2, BIT (0-8)	DMARQB[0:3]0	215C1	DMA REQUEST IOMI B, COMMUNITY (0-3)																	
J	CSAD[00:03]0	216B9	CONTROL SIGNAL ACKNOWLEDGE IOMI D, COMMUNITY [0:3], PC (0-3)	DMAB[000:015]1	213B7	DMA ADDRESS, IOMA B, COMMUNITY 0 ADDRESS (00-15)	DMADB[00:08]1	213C7	DMA DATA, IOMA B, COMMUNITY 0, BIT (0-8)	DMARQC[0:3]0	216C7	DMA REQUEST IOMI C, COMMUNITY (0-3)																	
				DMAB[100:115]1	203C6	DMA ADDRESS, IOMA B, COMMUNITY 1 ADDRESS (00-15)	DMADB[10:18]1	202E3	DMA DATA, IOMA B, COMMUNITY 1, BIT (0-8)	DMARQD[0:3]0	218C4	DMA REQUEST IOMI D, COMMUNITY (0-3)																	
K	CSAD[10:13]0	205D3	CONTROL SIGNAL ACKNOWLEDGE IOMI D, COMMUNITY [0:3], PC (0-3)	DMAB[200:215]1	214B5	DMA ADDRESS, IOMA B, COMMUNITY 2 ADDRESS (00-15)	DMADB[20:28]1	214C5	DMA DATA, IOMA B, COMMUNITY 2, BIT (0-8)	DMAWRA[0:3]0	213C1	DMA WRITE IOMI A, COMMUNITY (0-3)																	
	CSAD[20:23]0	205D3	CONTROL SIGNAL ACKNOWLEDGE IOMI D, COMMUNITY [0:3], PC (0-3)	DMAB[300:315]1	203C6	DMA ADDRESS, IOMA B, COMMUNITY 3 ADDRESS (00-15)	DMADB[30:38]1	214C9	DMA DATA, IOMA B, COMMUNITY 2, BIT (0-8)	DMAWRB[0:3]0	215C1	DMA WRITE IOMI B, COMMUNITY (0-3)																	
L	CSAD[30:33]0	218B2	CONTROL SIGNAL ACKNOWLEDGE IOMI D, COMMUNITY [0:3], PC (0-3)	DMAC[000:015]1	215B5	DMA ADDRESS, IOMA C, COMMUNITY 0 ADDRESS (00-15)	DMADC[00:08]1	215C3	DMA DATA, IOMA C, COMMUNITY 0, BIT (0-8)	DMAWRC[0:3]0	216C7	DMA WRITE IOMI C, COMMUNITY (0-3)																	
				DMAC[100:115]1	204C6	DMA ADDRESS, IOMA C, COMMUNITY 1 ADDRESS (00-15)	DMADC[10:18]1	204E3	DMA DATA, IOMA C, COMMUNITY 1, BIT (0-8)	DMAWRD[0:3]0	218C4	DMA WRITE IOMI D, COMMUNITY (0-3)																	
M	CYCEND1	205D3	SYSTEM CLOCK CYCLE END	DMAC[200:215]1	204C6	DMA ADDRESS, IOMA C, COMMUNITY 2 ADDRESS (00-15)	DMADC[20:28]1	204E3	DMA DATA, IOMA C, COMMUNITY 2, BIT (0-8)	DMAWT0	108F4	DMA WRITE SIGNAL FOR FPC/PPC																	
	DAH0B(N,P)	210C6	SERIAL CHANNEL ZERO DATA (POSITIVE, NEGATIVE)	DMAC[300:315]1	216B5	DMA ADDRESS, IOMA C, COMMUNITY 3 ADDRESS (00-15)	DMADC[30:38]1	216C5	DMA DATA, IOMA C, COMMUNITY 2, BIT (0-8)	DPO	209E3	DATA PRESENT ON INFORMATION BUS																	
N	DAH1B(N,P)	210C6	SERIAL CHANNEL ONE DATA HIGH (POSITIVE, NEGATIVE)	DMAD[000:015]1	205D7	DMA ADDRESS, IOMA D, COMMUNITY 0 ADDRESS (00-15)	DMADD[00:08]1	217B1	DMA DATA, IOMA D, COMMUNITY 0, BIT (0-8)	DRO	209E3	REQUEST FOR DATA ON INFORMATION BUS																	
	DAL0B(N,P)	210D6	SERIAL CHANNEL ZERO DATA (POSITIVE, NEGATIVE)	DMAD[100:115]1	205D7	DMA ADDRESS, IOMA D, COMMUNITY 1 ADDRESS (00-15)	DMADD[10:18]1	205F3	DMA DATA, IOMA D, COMMUNITY 1, BIT (0-8)	DST[0-4]1	203C3	DESTINATION FIELD (0-4)																	
O	DAL1B(N,P)	210D6	SERIAL CHANNEL ONE DATA (POSITIVE, NEGATIVE)							EINTSUM0	206E3	E IOMI INTERRUPT SUMMARY																	
	DATA(00-07)	206C6	DATA BITS (00-15)																										
0			1			2			3			4			5			6			7			8			9		
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MESSAGE SWITCH CONTROL UNIT MODEL 2												DWG SIZE C2		ISSUE 5M															
Lucent Technologies										SD-5D077-01				SHEET A3															

DESIGNATION MNEMONICS INDEX

MNEMONIC	LOC	DEFINITION	MNEMONIC	LOC	DEFINITION	MNEMONIC	LOC	DEFINITION	MNEMONIC	LOC	DEFINITION
EOT0	209E3	END OF TRANSFER INDICATION TO BIC	INTC[20:23]0	204D3	PC INTERRUPT IOMI (C), COMMUNITY 2, PC (0-3)	P1CLKN	103A2	PUMP PERIPHERAL SIDE 1 CLOCK NEG.	REQ0BN	210D6	SERIAL CHANNEL ZERO REQUEST (NEG.)
ERA[00:03]0	212C1	PC ERROR IOMI A, COMMUNITY 0	INTC[30:33]0	204D3	PC INTERRUPT IOMI (C), COMMUNITY 3, PC (0-3)	P1CLKP	103B2	PUMP PERIPHERAL SIDE 1 CLOCK POS.	REQ0BP	210E6	SERIAL CHANNEL ZERO REQUEST (POS.)
ERA[10:13]0	202D3	PC ERROR IOMI A, COMMUNITY 1	INTD[00:03]0	216F9	PC INTERRUPT IOMI (D), COMMUNITY 0, PC (0-3)	P1RDATAN	103B2	PUMP PERIPHERAL CONTROLLER SIDE 1 RECEIVE DATA (NEG.)	REQ1BN	210E6	SERIAL CHANNEL ONE REQUEST (NEG.)
ERA[20:23]0	202D3	PC ERROR IOMI A, COMMUNITY 2	INTD[10:13]0	205E3	PC INTERRUPT IOMI (D), COMMUNITY 1, PC (0-3)	P1RDATAP	103B2	PUMP PERIPHERAL CONTROLLER SIDE 1 RECEIVE DATA (POS.)	REQ1BP	210E6	SERIAL CHANNEL ONE REQUEST (POS.)
ERA[30:33]0	202D3	PC ERROR IOMI A, COMMUNITY 3	INTD[20:23]0	205E3	PC INTERRUPT IOMI (D), COMMUNITY 2, PC (0-3)	P1SYNCP	103B2	PUMP PERIPHERAL CONTROLLER SIDE 1 SYNC (NEG.)	RISL8A[0:3]0	213F5	RESET PC ISOLATE FLIP-FLOP IOMI (A), COMMUNITY (0-3)
ERB[00:03]0	213C7	PC ERROR IOMI B, COMMUNITY 0	INTD[30:33]0	205E3	PC INTERRUPT IOMI (D), COMMUNITY 3, PC (0-3)	P1TDATAN	103B7	PUMP PERIPHERAL CONTROLLER SIDE 1 TRANSMIT DATA (NEG.)	RISL8B[0:3]0	214F7	RESET PC ISOLATE FLIP-FLOP IOMI (B), COMMUNITY (0-3)
ERB[10:13]0	203C3	PC ERROR IOMI B, COMMUNITY 1	IOMIPA1	202D6	IOMI PARITY INTERRUPT (A)	P1TDATAP	103B7	PUMP PERIPHERAL CONTROLLER SIDE 1 TRANSMIT DATA (POS.)	RISL8C[0:3]0	216F7	RESET PC ISOLATE FLIP-FLOP IOMI (C), COMMUNITY (0-3)
ERB[20:23]0	203D3	PC ERROR IOMI B, COMMUNITY 2	IOMIPB1	206E3	IOMI PARITY INTERRUPT (B)				RISL8D[0:3]0	217F9	RESET PC ISOLATE FLIP-FLOP IOMI (D), COMMUNITY (0-3)
ERB[30:33]0	203D3	PC ERROR IOMI B, COMMUNITY 3	IOMIPC1	206F3	IOMI PARITY INTERRUPT (C)				RISOL0	104B6	RESET FPC/PPC ISOLATE FLIP FLOPS
ERC[00:03]0	215C3	PC ERROR IOMI C, COMMUNITY 0	IOMIPD1	206F3	IOMI PARITY INTERRUPT (D)	PARITYE0	206E6	MICROWORD PARITY ERROR	RS1	101C6	FPC/PPC REMOTE START AND SHUTDOWN (1)
ERC[10:13]0	204C3	PC ERROR IOMI C, COMMUNITY 1	MANOVR[0-1]	108G2	MANUAL OVER RIDE DIAGNOSTIC SCAN POINT FOR IOP(0-1)	PAUSE0	208D3	PAUSE THE MSCU2 CONTROLLER	RS2	101C6	FPC/PPC REMOTE START AND SHUTDOWN (2)
ERC[20:23]0	204D3	PC ERROR IOMI C, COMMUNITY 2	MANRTN[0-1]	108D2	MANUAL OVER RIDE DIAGNOSTIC SCAN POINT RETURN FOR IOP (0-1)	PCSLA[00:03]0	212F3	PC SELECT IOMI (A), COMMUNITY 0 PC (0-3)	RS3	101C6	FPC/PPC REMOTE START AND SHUTDOWN (3)
ERC[30:33]0	204D3	PC ERROR IOMI C, COMMUNITY 3	NCURPR	102F2	NEGATIVE CURRENT PROGRAMMING RESISTOR LEAD	PCSLA[10:13]0	202E6	PC SELECT IOMI (A), COMMUNITY 1 PC (0-3)	RSTMSC0	207C3	IMCS RESET
ERD[00:03]0	216C9	PC ERROR IOMI D, COMMUNITY 0	NEG1	206D6	PIC2 ALU NEGATIVE TEST CONDITION	PCSLA[20:23]0	202E6	PC SELECT IOMI (A), COMMUNITY 2 PC (0-3)	RVS	101B6	REMOTE VOLTAGE SENSE
ERD[10:13]0	205D3	PC ERROR IOMI D, COMMUNITY 1	OOLA[0:3]0	213F3	OUT OF LEVEL (IOMI A), PC COMMUNITY (0-3)	PCSLA[30:33]0	202E6	PC SELECT IOMI (A), COMMUNITY 3 PC (0-3)	SETUP0	209F6	SETUP A REQUEST TO 3B
ERD[20:23]0	205D3	PC ERROR IOMI D, COMMUNITY 2	OOLB[0:3]0	214F9	OUT OF LEVEL (IOMI B), PC COMMUNITY (0-3)	PCSLB[00:03]0	213F9	PC SELECT IOMI (B), COMMUNITY 0 PC (0-3)	SHRTA	201C4	CONVERTER CONTROL SIGNAL
ERD[30:33]0	205D3	PC ERROR IOMI D, COMMUNITY 3	OOLC[0:3]0	216F5	OUT OF LEVEL (IOMI C), PC COMMUNITY (0-3)	PCSLB[10:13]0	203E6	PC SELECT IOMI (B), COMMUNITY 1 PC (0-3)	SISL8A[0:3]0	213F3	SET ISOLATE FLIP FLOP IOMI (A), COMMUNITY (0-3)
FINTSUM0	207F3	F IOMI INTERRUPT SUMMARY	OOLD[0:3]0	218F2	OUT OF LEVEL (IOMI D), PC COMMUNITY (0-3)	PCSLB[20:23]0	203E6	PC SELECT IOMI (B), COMMUNITY 2 PC (0-3)	SISL8B[0:3]0	214F5	SET ISOLATE FLIP FLOP IOMI (B), COMMUNITY (0-3)
GINTSUM0	206E3	G IOMI INTERRUPT SUMMARY	OOS+I	101C6	MARK CONVERTER OUT OF SERVICE	PCSLB[30:33]0	203E6	PC SELECT IOMI (B), COMMUNITY 3 PC (0-3)	SISL8C[0:3]0	216F5	SET ISOLATE FLIP FLOP IOMI (C), COMMUNITY (0-3)
GRD	207C7	GROUND	OOS-I	101C6	-48 POWER OUT OF SERVICE	PCSLC[00:03]0	215F5	PC SELECT IOMI (C), COMMUNITY 0 PC (0-3)	SISL8D[0:3]0	218F2	SET ISOLATE FLIP FLOP IOMI (D), COMMUNITY (0-3)
HINTSUM0	206E3	H IOMI INTERRUPT SUMMARY	ORDTAP0	206D6	OR DATA PARITY ERROR	PCSLC[10:13]0	204E6	PC SELECT IOMI (C), COMMUNITY 1 PC (0-3)	SISOL0	108D4	SET ISOLATE
INCR1	207F4	INCREMENT RAM ADDRESS REGISTER	OUTSRVC1	201C4	CONVERTER OUT OF SERVICE SIGNAL 1	PCSLC[20:23]0	204E6	PC SELECT IOMI (C), COMMUNITY 2 PC (0-3)	SNTYER1	208D3	SANTY TIMER INTERRUPT TO THE PIC2
INCTMR1	209F3	INCREMENT TIMER	OUTSRVC2	106D2	CONVERTER OUT OF SERVICE SIGNAL 2	PCSLC[30:33]0	204E6	PC SELECT IOMI (C), COMMUNITY 3 PC (0-3)	SOFTRST0	207F5	SOFT RESET
INFP[0-3]0	209E6	INFORMATION BUS PARITY(0-3)	OVFL01	207F4	PIC2 ALU OVERFLOW TEST CONDITION	PCSLD[00:03]0	217F1	PC SELECT IOMI (D), COMMUNITY 0 PC (0-3)	SRA[00:03]0	212F1	SERVICE REQUEST IOMI (A), COMMUNITY (0), PC (0-3)
INF[00:15]0	210D6	INFORMATION BUS BIT (0-15)	P0CLKN	103A2	PUMP PERIPHERAL SIDE 0 CLOCK NEG.	PCSLD[10:13]0	205E6	PC SELECT IOMI (D), COMMUNITY 1 PC (0-3)	SRA[10:13]0	202D3	SERVICE REQUEST IOMI (A), COMMUNITY (1), PC (0-3)
INF[16:31]0	209E6	INFORMATION BUS BIT (16-31)	P0CLKP	103B2	PUMP PERIPHERAL SIDE 0 CLOCK POS.	PCSLD[20:23]0	217F9	PC SELECT IOMI (D), COMMUNITY 2 PC (0-3)	SRA[20:23]0	213F1	SERVICE REQUEST IOMI (A), COMMUNITY (2), PC (0-3)
INHCK00	209F3	INHIBIT CLOCK FROM THE TRACE AND CONTROL UNIT	P0RDATAN	103B2	PUMP PERIPHERAL CONTROLLER SIDE 0 RECEIVE DATA (NEG.)	PCSLD[30:33]0	205E6	PC SELECT IOMI (D), COMMUNITY 3 PC (0-3)	SRA[30:33]0	213F3	SERVICE REQUEST IOMI (A), COMMUNITY (3), PC (0-3)
INHCK10	206D3	INHIBIT CLOCK	P0RDATAP	103B2	PUMP PERIPHERAL CONTROLLER SIDE 0 RECEIVE DATA (POS.)	PCURPR	105E6	POSITIVE CURRENT PROGRAMMING RESISTOR LEAD			
INITPC0	102B5	INITIALIZE PERIPHERAL CONTROLLERS	P0SYNCP	103B2	PUMP PERIPHERAL CONTROLLER SIDE 0 SYNC (NEG.)	PIC1MAC0	206F3	MICR0 ADDRESS BUS CONTROL, 1=PIC2, 0=IMCS			
INSTTMR0	207F4	INSTRUCTION TIMER INTERRUPT	P0SYNCP	103B2	PUMP PERIPHERAL CONTROLLER SIDE 0 SYNC (POS.)	PIC2RST0	207C3	PIC2 RESET			
INT0	209F6	INTERRUPT REQUEST TO THE DUPLEX DUAL BUS SELECTOR	P0TDATAN	103B7	PUMP PERIPHERAL CONTROLLER SIDE 0 TRANSMIT DATA (NEG.)	RAD[00-13]1	207G4	RAM ADDRESS BITS (00-13)			
INTA[00:03]0	212F1	PC INTERRUPT IOMI (A), COMMUNITY 0, PC (0-3)	P0TDATAP	103B7	PUMP PERIPHERAL CONTROLLER SIDE 0 TRANSMIT DATA (POS.)						
INTA[10:13]0	202D3	PC INTERRUPT IOMI (A), COMMUNITY 1, PC (0-3)									
INTA[20:23]0	202D3	PC INTERRUPT IOMI (A), COMMUNITY 2, PC (0-3)									
INTA[30:33]0	213E5	PC INTERRUPT IOMI (A), COMMUNITY 3, PC (0-3)									
INTB[00:03]0	213F7	PC INTERRUPT IOMI (B), COMMUNITY 0, PC (0-3)									
INTB[10:13]0	203D3	PC INTERRUPT IOMI (B), COMMUNITY 1, PC (0-3)									
INTB[20:23]0	214F5	PC INTERRUPT IOMI (B), COMMUNITY 2, PC (0-3)									
INTB[30:33]0	214F9	PC INTERRUPT IOMI (B), COMMUNITY 3, PC (0-3)									
INTC[00:03]0	215E5	PC INTERRUPT IOMI (C), COMMUNITY 0, PC (0-3)									
INTC[10:13]0	204D3	PC INTERRUPT IOMI (C), COMMUNITY 1, PC (0-3)									

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MESSAGE SWITCH CONTROL UNIT
MODEL 2

DWG SIZE
C2

ISSUE
5M

Lucent Technologies

SD-5D077-01

SHEET
A4

A		MNEMONIC	LOC	DEFINITION	MNEMONIC	LOC	DEFINITION	MNEMONIC	LOC	DEFINITION
		SRB[00:03]0	213F9	SERVICE REQUEST IOMI (B), COMMUNITY (0), PC (0-3)	0MIINT[10:11]	105C3	SIDE 0, MESSAGE INTERFACE INTERRUPT (POS, INVERTED)	1TMSJT[10:11]	105D3	SIDE 1, TMS INTERRUPT (POS, INVERTED)
B		SRB[10:13]0	203D3	SERVICE REQUEST IOMI (B), COMMUNITY (1), PC (0-3)	0MISEL[0:1]	105D6	SIDE 0, MESSAGE INTERFACE SELECT (POS, INVERTED)	1TMSRDY[0:1]	105D3	SIDE 1, TMS INTERRUPT (POS, INVERTED)
		SRB[20:23]0	214F5	SERVICE REQUEST IOMI (B), COMMUNITY (2), PC (0-3)	0NCKIT[0:1]	105C3	SIDE 0, NETWORK CLOCK INTERRUPT (POS, INVERTED)	1TMSRST[0:1]	105D6	SIDE 1, TMS RESET (POS, INVERTED)
		SRB[30:33]0	214F9	SERVICE REQUEST IOMI (B), COMMUNITY (3), PC (0-3)	0NCKSEL[0:1]	105D6	SIDE 0, NETWORK CLOCK SELECT (POS, INVERTED)	1TMSSEL[0:1]	105E6	SIDE 1, TMS SELECT (POS, INVERTED)
C		SRC[00:03]0	215F3	SERVICE REQUEST IOMI (C), COMMUNITY (0), PC (0-3)	0RCVDAT[0:1]	105D3	SIDE 0, RECEIVE DATA (POS, INVERTED)	1TMSSR[0:1]	105D3	SIDE 1, TMS SERVICE REQUEST (POS, INVERTED)
		SRC[10:13]0	204D3	SERVICE REQUEST IOMI (C), COMMUNITY (1), PC (0-3)	0SACDALR	105C1	SIDE 0, CONTROL AND DIAGNOSTIC ACCESS LINK, ACTIVE FPC STATUS RETURN	1TRCLK[0:1]	105E6	SIDE 1, TRANSMIT RECEIVE CLOCK (POS, INVERTED)
		SRC[20:23]0	204E3	SERVICE REQUEST IOMI (C), COMMUNITY (2), PC (0-3)	0STACDAL	105C1	SIDE 0, CONTROL AND DIAGNOSTIC ACCESS LINK, ACTIVE FPC STATUS	1TRMDAT[0:1]	105E6	SIDE 1, TRANSMIT DATA (POS, INVERTED)
		SRC[30:33]0	204E3	SERVICE REQUEST IOMI (C), COMMUNITY (3), PC (0-3)	0TMSIT[0:1]	105D3	SIDE 0, TMS INTERRUPT (POS, INVERTED)	20MHZ[	210E6	20 MHZ CLOCK
D		SRC(0-4)1	204E3	SOURCE FIELD (0-4)	0TMSRDY[0:1]	105D3	SIDE 0, TMS READY (POS, INVERTED)	2DBPH[	209E6	SECOND DATA BUS, PARITY HIGH
		SRCPMCS1	206F3	SOURCE PMCS	0TMSRST[0:1]	105D6	SIDE 0, TMS RESET (POS, INVERTED)	2DBPL[	206C6	SECOND DATA BUS, PARITY LOW
		SRCWRH[	207F6	IMCS SOURCE REGISTER WRITE HIGH BYTE	0TMSSEL[0:1]	105D6	SIDE 0, TMS SELECT (POS, INVERTED)	2DB[00:15]1	209E6	DATA BUS (00-15)
		SRCWRL[	206G3	IMCS SOURCE REGISTER WRITE LOW BYTE	0TMSSR[0:1]	105D3	SIDE 0, TMS SERVICE REQUEST (POS, INVERTED)	48FEDA	106E3	-48 VOLT TEST FEED
E		SRD[00:03]0	217F1	SERVICE REQUEST IOMI (D), COMMUNITY (0), PC (0-3)	0TRCLK[0:1]	105E6	SIDE 0, TRANSMIT RECEIVE CLOCK (POS, INVERTED)	48GRDA	201C5	-48 VOLT TEST RETURN
		SRD[10:13]0	205E3	SERVICE REQUEST IOMI (D), COMMUNITY (1), PC (0-3)	0TRMDAT[0:1]	105E6	SIDE 0, TRANSMIT DATA (POS, INVERTED)	[0:1]ACCDALR	105C6	SIDE 0 & 1, CONTROL AND DIAGNOSTIC ACCESS LINK, ACTIVE FPC STATUS RETURN
		SRD[20:23]0	205E3	SERVICE REQUEST IOMI (D), COMMUNITY (2), PC (0-3)	0TVLOPB	102F5	01 TEST VECTOR LOOP (B)	[0:1]ACTCDAL	105C6	SIDE 0 & 1, CONTROL AND DIAGNOSTIC ACCESS LINK, ACTIVE FPC STATUS
		SRD[30:33]0	205E3	SERVICE REQUEST IOMI (D), COMMUNITY (3), PC (0-3)	0TVLOPA	103B6	03 TEST VECTOR LOOP (A)	[0:1]SACDALR	105D3	SIDE 0 & 1, CONTROL AND DIAGNOSTIC ACCESS LINK, ACTIVE FPC STATUS RETURN
F		SST0	210F6	STATUS DATA ON INFORMATION BUS	0TVLOPB	103C3	03 TEST VECTOR LOOP (B)	[0:1]STACDAL	105D3	SIDE 0 & 1, CONTROL AND DIAGNOSTIC ACCESS LINK, ACTIVE FPC STATUS
		STOPCLK0	208C6	STOP ALL PMCS CLOCKS	0TVLOPC	103C3	03 TEST VECTOR LOOP (C)			
		SYNC0	210D3	SYNC SIGNAL INDICATING A REQUEST HAS BEEN PERFORMED	0TVLOPD	103C3	03 TEST VECTOR LOOP (D)			
G		TMRINT0	208D3	TIMER INTERRUPT TO PIC2	05TVLOPB	104F5	05 TEST VECTOR LOOP (B)			
H		UAB[00:15]1	206F6	MICRO ADDRESS BUS (00-15)	05TVLOPD	104F5	05 TEST VECTOR LOOP (D)			
		UDB[00:20]1	207B3	MICRO DATA BUS (00-20)	1DATVAL[0:1]	105D6	SIDE 1, DATA VALID (POS, INVERTED)			
		UDB[21:47]1	206G3	MICRO DATA BUS (21-47)	1LIINT[0:1]	105C3	SIDE 1, LINK INTERFACE (POS, INVERTED)			
I		UNIXRCV	207F6	UNIX CRT RECEIVE	1LISEL[0:1]	105D6	SIDE 1, LINK INTERFACE SELECT (POS, INVERTED)			
J		UNIXTRM	207F6	UNIX CRT TRANSMIT	1MIINT[10:11]	105C3	SIDE 1, MESSAGE INTERFACE INTERRUPT (POS, INVERTED)			
K		XCLK0IN	210D3	TRANSMIT SERIAL CHANNEL ZERO CLOCK (NEG.)	1MISEL[0:1]	105D6	SIDE 1, MESSAGE INTERFACE SELECT (POS, INVERTED)			
L		XCLK0IP	210D3	TRANSMIT SERIAL CHANNEL ZERO CLOCK (POS.)	1NCKIT[10:11]	105D3	SIDE 1, NETWORK CLOCK INTERRUPT (POS, INVERTED)			
M		XCLK1IN	210D3	TRANSMIT SERIAL CHANNEL ONE CLOCK (NEG.)	1NCKSEL[0:1]	105D6	SIDE 1, NETWORK CLOCK SELECT (POS, INVERTED)			
N		XCLK1IP	210E3	TRANSMIT SERIAL CHANNEL ONE CLOCK (POS.)	1RCVDAT[0:1]	105D3	SIDE 1, RECEIVE DATA (POS, INVERTED)			
O		XFER0	210E3	TRANSFER REQUEST TO AM	1SACDALR	105C1	SIDE 1, CONTROL AND DIAGNOSTIC ACCESS LINK, ACTIVE FPC STATUS RETURN			
P		ZERO1	207F6	PIC2 ALU ZERO TEST CONDITION	1STACDAL	105C1	SIDE 1, CONTROL AND DIAGNOSTIC ACCESS LINK, ACTIVE FPC STATUS			
Q		0DATVAL(0,1)	105D6	SIDE 0, DATA VALID (POS, INVERTED)						
R		0LIINT[1](0,1)	105C3	SIDE 0, LINK INTERFACE INTERRUPT (POS, INVERTED)						
S		0LISEL(0,1)	105D6	SIDE 0, LINK INTERFACE SELECT (POS, INVERTED)						

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A horizontal number line with tick marks at every integer from 0 to 9. An arrow points to the midpoint between 4 and 5, representing the value 4.5.

0123456789

A

APPARATUS INDEX			
DESIG	LOCATION		
	LOC	APP FIG	EQPT
FPCPPCCD	101D1	2	04-008
PWRCONV	101D6	2	04-024
MSPP-032	102D4	2	04-032
PPC	103D4	2	04-040
MSPP-048	104D4	2	04-048
FPC	105D4	2	04-056
C&D	106D4	2	04-066
PWRCONV2	201D4	2	04-082
IOMI-A	202D4	2	04-090
IOMI-B	203D4	3	04-106
IOMI-C	204D4	4	04-120
IOMI-D	205D4	5	04-134
PIC2	206D4	2	04-146
PMCS	207D4	2	04-156
TCU	208D4	6	04-164
BIC	209E4	2	04-170
DD SBS	210D4	2	04-178

B

C

D

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F

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A

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0123456789

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MESSAGE SWITCH CONTROL UNIT MODEL 2	DWG SIZE	ISSUE
	C2	5M
Lucent Technologies	SD-5D077-01	
	SHEET	A6

A

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7	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
2DB111	PMCS		04-156	104	I	2DB11	B207/G1	
2DB111	TCU		04-164	104	I	DB111	B208/E3	
2DB111	BIC		04-170	104	IO	DB11B1	B209/G3	
2DB121	PIC2		04-146	514	IO	2DB121	B206/G3	
2DB121	PMCS		04-156	304	I	2DB12	B207/G1	
2DB121	TCU		04-164	304	I	DB121	B208/E3	
2DB121	BIC		04-170	304	IO	DB12B1	B209/G3	
2DB131	PIC2		04-146	515	IO	2DB131	B206/G3	
2DB131	PMCS		04-156	005	I	2DB13	B207/G1	
2DB131	TCU		04-164	005	I	DB131	B208/E3	
2DB131	BIC		04-170	005	IO	DB13B1	B209/G3	
2DB141	PIC2		04-146	516	IO	2DB141	B206/G3	
2DB141	PMCS		04-156	205	I	2DB14	B207/G1	
2DB141	TCU		04-164	205	I	DB141	B208/E3	
2DB141	BIC		04-170	205	IO	DB14B1	B209/G3	
2DB151	PIC2		04-146	517	IO	2DB151	B206/G3	
2DB151	PMCS		04-156	305	I	2DB15	B207/G1	
2DB151	TCU		04-164	305	I	DB151	B208/E3	
2DB151	BIC		04-170	305	IO	DB15B1	B209/G3	
2DBPH1	PIC2		04-146	500	IO	2DBPH1	B206/G3	
2DBPH1	BIC		04-170	100	IO	DBPHB1	B209/G3	
2DBPL1	PIC2		04-146	501	IO	2DBPL1	B206/G3	
2DBPL1	BIC		04-170	006	IO	DBPLB1	B209/G3	
ACSA0	MSPP-032		04-032	202	O	CSA0	B102/E2	
ACSA0	04-036		04-036	016	O		B108/B4	*
ADGN3B	04-007		04-007	022	IO		B108/E1	*
ADGN3B	FPCPPCCD		04-008	137	IO	NC	B101/F0	
ADGN3B	FPCPPCCD		04-008	150	I	DGN3B	B101/F0	
ADGN3B	C&D		04-066	049	O	DGNFANR	B106/F3	
ADGNRTN	FPCPPCCD		04-008	037	IO	NC	B101/F0	
ADGNRTN	FPCPPCCD		04-008	048	O	DGNFANS	B101/F0	
ADGNRTN	FPCPPCCD		04-008	050	I	DGNRTN	B101/F0	
ADTAPER1	IOMI-A		04-090	400	O	DTAPER01	B202/F1	
ADTAPER1	PIC2		04-146	041	I	ADTAPER1	B206/G3	
AENBYBYT	MSPP-032		04-032	134	I	ENBYBYTO	B102/E2	
AENBYBYT	PPC		04-040	134	O	BNBYBYTO	B103/G3	
AENHIBYT	MSPP-032		04-032	035	I	ENHIBYTO	B102/E2	
AENHIBYT	PPC		04-040	035	O	ENHIBYTO	B103/G3	
AENLOYBT	MSPP-032		04-032	034	I	ENLOYBYTO	B102/E2	
AENLOYBT	PPC		04-040	034	O	ENLOYBYTO	B103/G3	
AERR0	MSPP-032		04-032	102	O	ERR0	B102/E2	
AERR0	04-036		04-036	007	O		B108/B4	*
AINTR	FPCPPCCD		04-008	116	O	INT	B101/F0	
AINTR	PWRCONV		04-024	112	I	INT	B101/F5	
AINTR	FPCPPCCD		04-008	115	I	INTR	B101/F0	
AINTR	PWRCONV		04-024	012	I	INT	B101/F5	
AINTR0	MSPP-032		04-032	302	O	INTR0	B102/E2	
AINTR0	04-039		04-039	022	O		B108/E7	*
AINTSUMO	IOMI-A		04-090	552	O	INTSUM00	B202/F1	
AINTSUMO	PIC2		04-146	154	I	INT040	B206/G3	
AINTSUMO	PMCS		04-156	207	IO	NC_AINTSUM0	B207/G1	
AINTSUMO	TCU		04-164	233	I	TST081	B208/E3	
ALMC1	FPCPPCCD		04-008	123	O	CARD	B101/F0	
ALMC1	FPCPPCCD		04-008	148	I	PINT	B101/F0	
ALMC1	PWRCONV		04-024	113	O	ALM1	B101/F5	
ALMC2	FPCPPCCD		04-008	117	I	AD	B101/F0	
ALMC2	FPCPPCCD		04-008	145	IO	NC	B101/F0	*
ALMC2	PWRCONV		04-024	014	O	ALM2	B101/F5	
ALMC2R	FPCPPCCD		04-008	146	O	TSTA	B101/F0	*
ALRMA	C&D		04-066	117	I	AD	B106/F3	
ALRMA	C&D		04-066	145	IO	NC	B106/F3	*
ALRMA	PWRCONV2		04-082	014	O	ALM2	B201/F3	
ALRMAR	C&D		04-066	146	O	TSTA	B106/F3	*
ALRMB	C&D		04-066	123	O	CARD	B106/F3	
ALRMB	C&D		04-066	148	I	PINT	B106/F3	
ALRMB	PWRCONV2		04-082	113	O	ALM1	B201/F3	
AMPF0Y	04-007		04-007	048	O		B108/E1	*
AMPF0Y	FPCPPCCD		04-008	153	O	MPF01	B101/F0	
AMPF1Y	04-007		04-007	035	O		B108/E1	*
AMPF1Y	FPCPPCCD		04-008	140	O	MPF02	B101/F0	

8	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMNO	SYMLOC	XT	
AOOS3B	04-007	04-007	033	I	B108/E1	*	
AOOS3B	04-007	04-007	046		B108/E1	*	
AOOS3B	FPCPPCCD	04-008	138	IO NC	B101/F0		
AOOS3B	FPCPPCCD	04-008	151	I OOS3B	B101/F0		
AOOSR	04-006	04-006	033	I	B108/B1	*	
AOOSR	04-006	04-006	046		B108/B1	*	
AOOSR	FPCPPCCD	04-008	038	IO NC	B101/F0		
AOOSR	FPCPPCCD	04-008	051	I OOSR	B101/F0		
AP1IN	MSPP-032	04-032	037	I P1IN	B102/E2		
AP1IN	PPC	04-040	037	G GRD	B103/G3		
AP2IN	MSPP-032	04-032	118	I P2IN	B102/E2		
AP2IN	PPC	04-040	118	G GRD	B103/G3		
APBHEO	MSPP-032	04-032	018	I PBHEO	B102/E2		
APBHEO	PPC	04-040	018	I PBHBO	B103/G3		
APCSELO	MSPP-032	04-032	305	I PCSELO	B102/E2		
APCSELO	04-037	04-037	003	I	B108/E4	*	
APUMPCSO	MSPP-032	04-032	119	I PUMPCSO	B102/E2		
APUMPCSO	PPC	04-040	119	I PUMPCSO	B103/G3		
ARQIP3B	04-007	04-007	034	I	B108/E1	*	
ARQIP3B	04-007	04-007	047		B108/F1	*	
ARQIP3B	FPCPPCCD	04-008	139	IO NC	B101/F0		
ARQIP3B	FPCPPCCD	04-008	152	I RQIP3B	B101/F0		
ARQIP3BR	04-006	04-006	034	I	B108/B1	*	
ARQIP3BR	04-006	04-006	047		B108/B1	*	
ARQIP3BR	FPCPPCCD	04-008	039	IO NC	B101/F0		
ARQIP3BR	FPCPPCCD	04-008	052	I RQIP3BR	B101/F0		
ASCW3B0	04-007	04-007	052	O	B108/F1	*	
ASCW3B0	FPCPPCCD	04-008	156	O 1SCW3B0	B101/F0		
ASCW3B1	04-007	04-007	039	O	B108/F1	*	
ASCW3B1	FPCPPCCD	04-008	143	O 1SCW3B1	B101/F0		
ASCWRO	04-006	04-006	052	O	B108/B1	*	
ASCWRO	FPCPPCCD	04-008	056	O 1SCWRO	B101/F0		
ASCWR1	04-006	04-006	039	O	B108/B1	*	
ASCWR1	FPCPPCCD	04-008	043	O 1SCWR1	B101/F0		
ASCX3B0	04-007	04-007	049	O	B108/F1	*	
ASCX3B0	FPCPPCCD	04-008	154	O SCX3B0	B101/F0		
ASCX3BOR	04-006	04-006	049	O	B108/B1	*	
ASCX3BOR	FPCPPCCD	04-008	054	O SCX3BOR	B101/F0		
ASCX3B1	04-007	04-007	036	O	B108/F1	*	
ASCX3B1	FPCPPCCD	04-008	141	O SCX3B1	B101/F0		
ASCX3B1R	04-006	04-006	036	O	B108/B1	*	
ASCX3B1R	FPCPPCCD	04-008	041	O SCX3B1R	B101/F0		
ASCY3BR0	04-006	04-006	048	O	B108/B1	*	
ASCY3BR0	FPCPPCCD	04-008	053	O SCY3BR1	B101/F0		
ASCY3BR1	04-006	04-006	035	O	B108/C1	*	
ASCY3BR1	FPCPPCCD	04-008	040	O SCY3BR2	B101/F0		
ASRO	MSPP-032	04-032	002	O SRO	B102/E2		
ASRO	04-037	04-037	022	O	B108/E4	*	
AX10MINT	MSPP-032	04-032	033	O X10MSINT	B102/E2		
AX10MINT	PPC	04-040	033	I X10MSINT	B103/G3		
AXADD00	MSPP-032	04-032	046	IO XADD00	B102/E2		
AXADD00	PPC	04-040	046	I XADD00	B103/G3		
AXADD01	MSPP-032	04-032	146	IO XADD01	B102/E2		
AXADD01	PPC	04-040	146	I XADD01	B103/G3		
AXADD02	MSPP-032	04-032	047	IO XADD02	B102/E2		
AXADD02	PPC	04-040	047	I XADD02	B103/G3		
AXADD03	MSPP-032	04-032	147	IO XADD03	B102/E2		
AXADD03	PPC	04-040	147	I XADD03	B103/G3		
AXADD04	MSPP-032	04-032	048	IO XADD04	B102/E2		
AXADD04	PPC	04-040	048	I XADD04	B103/G3		
AXADD05	MSPP-032	04-032	148	IO XADD05	B102/E2		
AXADD05	PPC	04-040	148	I XADD05	B103/G3		
AXADD06	MSPP-032	04-032	049	IO XADD06	B102/E2		
AXADD06	PPC	04-040	049	I XADD06	B103/G3		
AXADD07	MSPP-032	04-032	149	IO XADD07	B102/E2		
AXADD07	PPC	04-040	149	I XADD07	B103/G3		
AXADD08	MSPP-032	04-032	050	IO XADD08	B102/E2		

9	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRNMOD	SYNLOC	XT
AXADD08	PPC	04-040	050	I	XADD08	B103/G3	
AXADD09	MSPP-032	04-032	150	IO	XADD09	B102/E2	
AXADD09	PPC	04-040	150	I	XADD09	B103/G3	
AXADD10	MSPP-032	04-032	051	IO	XADD10	B102/E2	
AXADD10	PPC	04-040	051	I	XADD10	B103/G3	
AXADD11	MSPP-032	04-032	151	IO	XADD11	B102/E2	
AXADD11	PPC	04-040	151	I	XADD11	B103/G3	
AXADD12	MSPP-032	04-032	052	IO	XADD12	B102/E2	
AXADD12	PPC	04-040	052	I	XADD12	B103/G3	
AXADD13	MSPP-032	04-032	152	IO	XADD13	B102/E2	
AXADD13	PPC	04-040	152	I	XADD13	B103/G3	
AXADD14	MSPP-032	04-032	053	IO	XADD14	B102/E2	
AXADD14	PPC	04-040	053	I	XADD14	B103/G3	
AXADD15	MSPP-032	04-032	153	IO	XADD15	B102/E2	
AXADD15	PPC	04-040	153	I	XADD15	B103/G3	
AXADDPH	MSPP-032	04-032	156	IO	XADDPH	B102/E2	
AXADDPH	PPC	04-040	156	I	XADDPH	B103/G3	
AXADDPL	MSPP-032	04-032	056	IO	XADDPL	B102/E2	
AXADDPL	PPC	04-040	056	I	XADDPL	B103/G3	
AXALWPE	MSPP-032	04-032	020	O	XALWPGE0	B102/E2	
AXALWPE	PPC	04-040	020	I	XALWPCB0	B103/G3	
AXCLK86	MSPP-032	04-032	355	O	XCLK86	B102/E2	
AXCLK86	PPC	04-040	355	I	XCLK86	B103/G3	
AXCSWIND	MSPP-032	04-032	143	O	XCSWIND0	B102/E2	
AXCSWIND	PPC	04-040	143	I	XOSWIND0	B103/G3	
AXDATA00	MSPP-032	04-032	246	I	BYDATA00	B102/E2	
AXDATA00	PPC	04-040	246	IO	BYDATA00	B103/G3	
AXDATA01	MSPP-032	04-032	346	I	BYDATA01	B102/E2	
AXDATA01	PPC	04-040	346	IO	BYDATA01	B103/G3	
AXDATA02	MSPP-032	04-032	247	I	BYDATA02	B102/E2	
AXDATA02	PPC	04-040	247	IO	BYDATA02	B103/G3	
AXDATA03	MSPP-032	04-032	347	I	BYDATA03	B102/E2	
AXDATA03	PPC	04-040	347	IO	BYDATA03	B103/G3	
AXDATA04	MSPP-032	04-032	248	I	BYDATA04	B102/E2	
AXDATA04	PPC	04-040	248	IO	BYDATA04	B103/G3	
AXDATA05	MSPP-032	04-032	348	I	BYDATA05	B102/E2	
AXDATA05	PPC	04-040	348	IO	BYDATA05	B103/G3	
AXDATA06	MSPP-032	04-032	249	I	BYDATA06	B102/E2	
AXDATA06	PPC	04-040	249	IO	BYDATA06	B103/G3	
AXDATA07	MSPP-032	04-032	349	I	BYDATA07	B102/E2	
AXDATA07	PPC	04-040	349	IO	BYDATA07	B103/G3	
AXDATA08	MSPP-032	04-032	250	I	WDDATA08	B102/E2	
AXDATA08	PPC	04-040	250	I	WDDATA08	B103/G3	
AXDATA09	MSPP-032	04-032	350	I	WDDATA09	B102/E2	
AXDATA09	PPC	04-040	350	I	WDDATA09	B103/G3	
AXDATA10	MSPP-032	04-032	251	I	WDDATA10	B102/E2	
AXDATA10	PPC	04-040	251	I	WDDATA10	B103/G3	
AXDATA11	MSPP-032	04-032	351	I	WDDATA11	B102/E2	
AXDATA11	PPC	04-040	351	I	WDDATA11	B103/G3	
AXDATA12	MSPP-032	04-032	252	I	WDDATA12	B102/E2	

10	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
AXDATA12	PPC		04-040	252	I	WDDATA12	B103/G3	
AXDATA13	MSPP-032		04-032	352	I	WDDATA13	B102/E2	
AXDATA13	PPC		04-040	352	I	WDDATA13	B103/G3	
AXDATA14	MSPP-032		04-032	253	I	WDDATA14	B102/E2	
AXDATA14	PPC		04-040	253	I	WDDATA14	B103/G3	
AXDATA15	MSPP-032		04-032	353	I	WDDATA15	B102/E2	
AXDATA15	PPC		04-040	353	I	WDDATA15	B103/G3	
AXDATAPH	MSPP-032		04-032	354	I	DATPARHI	B102/E2	
AXDATAPH	PPC		04-040	354	I	DATPARHI	B103/G3	
AXDATAPL	MSPP-032		04-032	254	I	DATPARLO	B102/E2	
AXDATAPL	PPC		04-040	254	IO	DATPARLO	B103/G3	
AXINTACK	MSPP-032		04-032	138	O	XINTACK0	B102/E2	
AXINTACK	PPC		04-040	138	I	XINTACK0	B103/G3	
AXINTREQ	MSPP-032		04-032	038	I	XINTREQ0	B102/E2	
AXINTREQ	PPC		04-040	038	O	XINTRBQ0	B103/G3	
AXIORD0	MSPP-032		04-032	041	O	XIORD0	B102/E2	
AXIORD0	PPC		04-040	041	I	XIORD0	B103/G3	
AXIOWT0	MSPP-032		04-032	141	O	XIOWT0	B102/E2	
AXIOWT0	PPC		04-040	141	I	XIOBWO	B103/G3	
AXLATCHO	MSPP-032		04-032	135	O	XLATCH0	B102/E2	
AXLATCHO	PPC		04-040	135	I	XLATCH0	B103/G3	
AXMEM110	MSPP-032		04-032	040	O	XMEM1100	B102/E2	
AXMEM110	PPC		04-040	040	I	XMBM1100	B103/G3	
AXMEMRD0	MSPP-032		04-032	042	IO	XMEMRD	B102/E2	
AXMEMRD0	PPC		04-040	042	I	XMBMRD	B103/G3	
AXMEMWT0	MSPP-032		04-032	142	IO	XMEMWT	B102/E2	
AXMEMWT0	PPC		04-040	142	I	XMBMWT	B103/G3	
BADD2PE0	MSPP-048		04-048	021	I	ADD2PE0	B104/F1	
BADD2PE0	FPC		04-056	021	O	ADD2PE0	B105/F3	
BCMDINT0	MSPP-048		04-048	120	O	CMDINT10	B104/F1	
BCMDINT0	FPC		04-056	120	I	CMDINT10	B105/F3	
BCSA0	04-036		04-036	017	O		B108/B4	*
BCSA0	MSPP-048		04-048	202	O	CSA0	B104/F1	
BDAT2PE0	MSPP-048		04-048	121	I	DAT2PE0	B104/F1	
BDAT2PE0	FPC		04-056	121	O	DAT2PE0	B105/F3	
BDGN3B	04-007		04-007	017	I		B108/F1	*
BDGN3B	04-007		04-007	020	I		B108/F1	*
BDGN3B	C&D		04-066	137	IO	NC	B106/F3	
BDGN3B	C&D		04-066	150	I	DGN38	B106/F3	
BDGNRTN	04-006		04-006	017	G		B108/C1	*
BDGNRTN	04-006		04-006	020	G		B108/C1	*
BDGNRTN	C&D		04-066	037	IO	NC	B106/F3	
BDGNRTN	C&D		04-066	050	I	DGNRTN	B106/F3	
BDTAPER1	IOMI-B		04-106	400	O	DTAPER01	B203/F1	
BDTAPER1	PIC2		04-146	043	I	BDTAPER1	B206/G3	
BENBYBYT	MSPP-048		04-048	134	I	ENBYBYT0	B104/F1	
BENBYBYT	FPC		04-056	134	O	ENBYBYT0	B105/F3	
BENLOBYT	MSPP-048		04-048	034	I	ENLOBYT0	B104/F1	
BENLOBYT	FPC		04-056	034	O	ENLOBYT0	B105/F3	
BERR0	04-036		04-036	008	O		B108/B4	*
BERR0	MSPP-048		04-048	102	O	ERR0	B104/F1	
BICER0	PIC2		04-146	251	I	BICER0	B206/G3	
BICER0	PMCS		04-156	213	IO	NC_BICER0	B207/G1	

11	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMNO	SYMLOC	XT	
BMPFOY BMPFOY	04-007 C&D	04-007 04-066	053 153	O O MPFO1	B108/F1 B106/F3	*	
BMPF1Y BMPF1Y	04-007 C&D	04-007 04-066	040 140	O O MPFO2	B108/F1 B106/F3	*	
ROOS3B ROOS3B ROOS3B ROOS3B	04-007 04-007 C&D C&D	04-007 04-007 04-066 04-066	037 050 138 151	I I IO NC I OOS3B	B108/F1 B108/F1 B106/F3 B106/F3	* * 	
ROOSR ROOSR ROOSR ROOSR	04-006 04-006 C&D C&D	04-006 04-006 04-066 04-066	037 050 038 051	I I IO NC I OOSR	B108/C1 B108/C1 B106/F3 B106/F3	* * 	
BP2IN BP2IN	MSPP-048 FPC	04-048 04-056	118 118	I G P2IN GRD	B104/F1 B105/F3		
BPCSELO BPCSELO	04-037 MSPP-048	04-037 04-048	004 305	I I PCSELO	B108/E4 B104/F1	*	
BRQIP3B BRQIP3B BRQIP3B BRQIP3B	04-007 04-007 C&D C&D	04-007 04-007 04-066 04-066	038 051 139 152	I I IO NC I RQIP3B	B108/G1 B108/G1 B106/F3 B106/F3	* * 	
BRQIP3BR BRQIP3BR BRQIP3BR BRQIP3BR	04-006 04-006 C&D C&D	04-006 04-006 04-066 04-066	038 051 039 052	I I IO NC I RQIP3BR	B108/C1 B108/C1 B106/F3 B106/F3	* * 	
BSCW3B0 BSCW3B0	04-007 C&D	04-007 04-066	055 156	O O 1SCW3B0	B108/G1 B106/F3	* 	
BSCW3B1 BSCW3B1	04-007 C&D	04-007 04-066	042 143	O O 1SCW3B1	B108/G1 B106/F3	* 	
BSCWR0 BSCWR0	04-006 C&D	04-006 04-066	055 056	O O 1SCWR0	B108/C1 B106/F3	* 	
BSCWR1 BSCWR1	04-006 C&D	04-006 04-066	042 043	O O 1SCWR1	B108/C1 B106/F3	* 	
BSCX3B0 BSCX3B0	04-007 C&D	04-007 04-066	054 154	O O SCX3B0	B108/G1 B106/F3	* 	
BSCX3B0R BSCX3B0R	04-006 C&D	04-006 04-066	054 054	O O SCX3B0R	B108/C1 B106/F3	* 	
BSCX3B1 BSCX3B1	04-007 C&D	04-007 04-066	041 141	O O SCX3B1	B108/G1 B106/F3	* 	
BSCX3B1R BSCX3B1R	04-006 C&D	04-006 04-066	041 041	O O SCX3B1R	B108/C1 B106/F3	* 	
BSCY3BR0 BSCY3BR0	04-006 C&D	04-006 04-066	053 053	O O SCY3BR1	B108/D1 B106/F3	* 	
BSCY3BR1 BSCY3BR1	04-006 C&D	04-006 04-066	040 040	O O SCY3BR2	B108/D1 B106/F3	* 	
BSR0 BSR0	04-036 MSPP-048	04-036 04-048	022 002	O O SRO	B108/B4 B104/F1	* 	
BX10MINT BX10MINT	MSPP-048 FPC	04-048 04-056	033 033	O O X10MSINT X10MINT	B104/F1 B105/F3		
BXADD00 BXADD00	MSPP-048 FPC	04-048 04-056	046 046	IO I XADD00	B104/F1 B105/F3		
BXADD01 BXADD01	MSPP-048 FPC	04-048 04-056	146 146	IO I XADD01	B104/F1 B105/F3		
BXADD02 BXADD02	MSPP-048 FPC	04-048 04-056	047 047	IO I XADD02	B104/F1 B105/F3		
BXADD03 BXADD03	MSPP-048 FPC	04-048 04-056	147 147	IO I XADD03	B104/F1 B105/F3		
BXADD04 BXADD04	MSPP-048 FPC	04-048 04-056	048 048	IO I XADD04	B104/F1 B105/F3		
BXADD05 BXADD05	MSPP-048 FPC	04-048 04-056	148 148	IO I XADD05	B104/F1 B105/F3		
BXADD06 BXADD06	MSPP-048 FPC	04-048 04-056	049 049	IO I XADD06	B104/F1 B105/F3		
BXADD07 BXADD07	MSPP-048 FPC	04-048 04-056	149 149	IO I XADD07	B104/F1 B105/F3		
BXADD08 BXADD08	MSPP-048 FPC	04-048 04-056	050 050	IO I XADD08	B104/F1 B105/F3		
BXADD09	MSPP-048	04-048	150	IO XADD09	B104/F1		

12	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRNMOD	SYMLOC	XT
BXADD09	FPC	04-056	150	I	XADD09	B105/F3	
BXADD10	MSPP-048	04-048	051	IO	XADD10	B104/F1	
BXADD10	FPC	04-056	051	I	XADD10	B105/F3	
BXADD11	MSPP-048	04-048	151	IO	XADD11	B104/F1	
BXADD11	FPC	04-056	151	I	XADD11	B105/F3	
BXADD12	MSPP-048	04-048	052	IO	XADD12	B104/F1	
BXADD12	FPC	04-056	052	I	XADD12	B105/F3	
BXADD13	MSPP-048	04-048	152	IO	XADD13	B104/F1	
BXADD13	FPC	04-056	152	I	XADD13	B105/F3	
BXADD14	MSPP-048	04-048	053	IO	XADD14	B104/F1	
BXADD14	FPC	04-056	053	I	XADD14	B105/F3	
BXADD15	MSPP-048	04-048	153	IO	XADD15	B104/F1	
BXADD15	FPC	04-056	153	I	XADD15	B105/F3	
BXADDPH	MSPP-048	04-048	156	IO	XADDPH	B104/F1	
BXADDPH	FPC	04-056	156	I	XADDPH	B105/F3	
BXADDPL	MSPP-048	04-048	056	IO	XADDPL	B104/F1	
BXADDPL	FPC	04-056	056	I	XADDPL	B105/F3	
BXALWGE	MSPP-048	04-048	020	O	XALWGE0	B104/F1	
BXALWGE	FPC	04-056	020	I	XALWGE0	B105/F3	
BXCK4MH2	MSPP-048	04-048	043	O	XCLK4HM2	B104/F1	
BXCK4MH2	FPC	04-056	043	I	XCLK4HM2	B105/F3	
BXCLRESR	MSPP-048	04-048	133	O	XCLRESR0	B104/F1	
BXCLRESR	FPC	04-056	133	I	XCLRESR0	B105/F3	
BXCSWIND	MSPP-048	04-048	143	O	XCSWIND0	B104/F1	
BXCSWIND	FPC	04-056	143	I	XCSWIND0	B105/F3	
BXDATA00	MSPP-048	04-048	246	I	BYDATA00	B104/F1	
BXDATA00	FPC	04-056	246	IO	BYDATA00	B105/F3	
BXDATA01	MSPP-048	04-048	346	I	BYDATA01	B104/F1	
BXDATA01	FPC	04-056	346	IO	BYDATA01	B105/F3	
BXDATA02	MSPP-048	04-048	247	I	BYDATA02	B104/F1	
BXDATA02	FPC	04-056	247	IO	BYDATA02	B105/F3	
BXDATA03	MSPP-048	04-048	347	I	BYDATA03	B104/F1	
BXDATA03	FPC	04-056	347	IO	BYDATA03	B105/F3	
BXDATA04	MSPP-048	04-048	248	I	BYDATA04	B104/F1	
BXDATA04	FPC	04-056	248	IO	BYDATA04	B105/F3	
BXDATA05	MSPP-048	04-048	348	I	BYDATA05	B104/F1	
BXDATA05	FPC	04-056	348	IO	BYDATA05	B105/F3	
BXDATA06	MSPP-048	04-048	249	I	BYDATA06	B104/F1	
BXDATA06	FPC	04-056	249	IO	BYDATA06	B105/F3	
BXDATA07	MSPP-048	04-048	349	I	BYDATA07	B104/F1	
BXDATA07	FPC	04-056	349	IO	BYDATA07	B105/F3	
BXDATAPL	MSPP-048	04-048	254	I	DATPARLO	B104/F1	
BXDATAPL	FPC	04-056	254	IO	DATPARLO	B105/F3	
BXFUNCN1	MSPP-048	04-048	122	O	XFUNCEN1	B104/F1	
BXFUNCN1	FPC	04-056	122	I	XFUNCEN1	B105/F3	
BXINTACK	MSPP-048	04-048	138	O	XINTACK0	B104/F1	
BXINTACK	FPC	04-056	138	I	XINTACK0	B105/F3	
BXINTREQ	MSPP-048	04-048	038	O	XINTREQ0	B104/F1	
BXINTREQ	FPC	04-056	038	I	XINTREQ0	B105/F3	
BXIORDO	MSPP-048	04-048	041	O	XIORDO	B104/F1	

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MESSAGE SWITCH CONTROL UNIT MODEL 2			
		DWG SIZE C2	ISSUE 5M
Lucent Technologies	SD-5D077-01		SHEET A10

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22	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
DMAAD111	MSPP-032	04-032	115	I	DMAAD111		B102/E2	
DMAAD111	04-038	04-038	008	I			B108/B7	*
DMAAD111	MSPP-048	04-048	115	I	DMAAD111		B104/F1	
DMAAD121	MSPP-032	04-032	016	I	DMAAD121		B102/E2	
DMAAD121	04-039	04-039	009	I			B108/F7	*
DMAAD121	MSPP-048	04-048	016	I	DMAAD121		B104/F1	
DMAAD131	MSPP-032	04-032	116	I	DMAAD131		B102/E2	
DMAAD131	04-038	04-038	009	I			B108/B7	*
DMAAD131	MSPP-048	04-048	116	I	DMAAD131		B104/F1	
DMAAD141	MSPP-032	04-032	017	I	DMADD141		B102/E2	
DMAAD141	04-039	04-039	010	I			B108/F7	*
DMAAD141	MSPP-048	04-048	017	I	DMADD141		B104/F1	
DMAAD151	MSPP-032	04-032	117	I	DMADD151		B102/E2	
DMAAD151	04-038	04-038	010	I			B108/B7	*
DMAAD151	MSPP-048	04-048	117	I	DMADD151		B104/F1	
DNAB0001	04-103	04-103	035	O			B213/B8	*
DNAB0001	IOMI-B	04-106	033	O	DMA00001		B203/F1	
DNAB0011	04-102	04-102	035	O			B213/B6	*
DNAB0011	IOMI-B	04-106	433	O	DMA00101		B203/F1	
DNAB0021	04-103	04-103	036	O			B213/B8	*
DNAB0021	IOMI-B	04-106	234	O	DMA00201		B203/F1	
DNAB0031	04-102	04-102	036	O			B213/B6	*
DNAB0031	IOMI-B	04-106	035	O	DMA00301		B203/F1	
DNAB0041	04-103	04-103	037	O			B213/B8	*
DNAB0041	IOMI-B	04-106	535	O	DMA00401		B203/F1	
DNAB0051	04-102	04-102	037	O			B213/B6	*
DNAB0051	IOMI-B	04-106	436	O	DMA00501		B203/F1	
DNAB0061	04-103	04-103	038	O			B213/B8	*
DNAB0061	IOMI-B	04-106	237	O	DMA00601		B203/F1	
DNAB0071	04-102	04-102	038	O			B213/C6	*
DNAB0071	IOMI-B	04-106	038	O	DMA00701		B203/F1	
DNAB0081	04-103	04-103	039	O			B213/B8	*
DNAB0081	IOMI-B	04-106	438	O	DMA00801		B203/F1	
DNAB0091	04-102	04-102	039	O			B213/C6	*
DNAB0091	IOMI-B	04-106	040	O	DMA00901		B203/F1	
DNAB0101	04-103	04-103	040	O			B213/B8	*
DNAB0101	IOMI-B	04-106	440	O	DMA01001		B203/F1	
DNAB0111	04-102	04-102	040	O			B213/C6	*
DNAB0111	IOMI-B	04-106	241	O	DMA01101		B203/F1	
DNAB0121	04-103	04-103	041	O			B213/B8	*
DNAB0121	IOMI-B	04-106	042	O	DMA01201		B203/F1	
DNAB0131	04-102	04-102	041	O			B213/C6	*
DNAB0131	IOMI-B	04-106	442	O	DMA01301		B203/F1	
DNAB0141	04-103	04-103	042	O			B213/C8	*
DNAB0141	IOMI-B	04-106	343	O	DMA01401		B203/F1	
DNAB0151	04-102	04-102	042	O			B213/C6	*
DNAB0151	IOMI-B	04-106	144	O	DMA01501		B203/F1	
DNAB1001	04-105	04-105	035	O			B214/B2	*
DNAB1001	IOMI-B	04-106	133	O	DMA10001		B203/F1	
DNAB1011	04-104	04-104	035	O			B214/B0	*
DNAB1011	IOMI-B	04-106	533	O	DMA10101		B203/F1	
DNAB1021	04-105	04-105	036	O			B214/B2	*
DNAB1021	IOMI-B	04-106	334	O	DMA10201		B203/F1	
DNAB1031	04-104	04-104	036	O			B214/B0	*
DNAB1031	IOMI-B	04-106	135	O	DMA10301		B203/F1	
DNAB1041	04-105	04-105	037	O			B214/B2	*
DNAB1041	IOMI-B	04-106	036	O	DMA10401		B203/F1	
DNAB1051	04-104	04-104	037	O			B214/B0	*
DNAB1051	IOMI-B	04-106	536	O	DMA10501		B203/F1	
DNAB1061	04-105	04-105	038	O			B214/B2	*
DNAB1061	IOMI-B	04-106	337	O	DMA10601		B203/F1	
DNAB1071	04-104	04-104	038	O			B214/C0	*
DNAB1071	IOMI-B	04-106	138	O	DMA10701		B203/F1	
DNAB1081	04-105	04-105	039	O			B214/B2	*
DNAB1081	IOMI-B	04-106	538	O	DMA10801		B203/F1	

23	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRNMOD	SYMLOC	XT
DMA1091	04-104	04-104	039	O		B214/C0	*
DMA1091	IOMI-B	04-106	140	O	DMA10901	B203/F1	
DMA1101	04-105	04-105	040	O		B214/B2	*
DMA1101	IOMI-B	04-106	540	O	DMA11001	B203/F1	
DMA1111	04-104	04-104	040	O		B214/C0	*
DMA1111	IOMI-B	04-106	341	O	DMA11101	B203/F1	
DMA1121	04-105	04-105	041	O		B214/B2	*
DMA1121	IOMI-B	04-106	142	O	DMA11201	B203/F1	
DMA1131	04-104	04-104	041	O		B214/C0	*
DMA1131	IOMI-B	04-106	542	O	DMA11301	B203/F1	
DMA1141	04-105	04-105	042	O		B214/C2	*
DMA1141	IOMI-B	04-106	443	O	DMA11401	B203/F1	
DMA1151	04-104	04-104	042	O		B214/C0	*
DMA1151	IOMI-B	04-106	244	O	DMA11501	B203/F1	
DMA2001	IOMI-B	04-106	233	O	DMA20001	B203/F1	
DMA2001	04-113	04-113	035	O		B214/B6	*
DMA2011	IOMI-B	04-106	034	O	DMA20101	B203/F1	
DMA2011	04-112	04-112	035	O		B214/B4	*
DMA2021	IOMI-B	04-106	434	O	DMA20201	B203/F1	
DMA2021	04-113	04-113	036	O		B214/B6	*
DMA2031	IOMI-B	04-106	235	O	DMA20301	B203/F1	
DMA2031	04-112	04-112	036	O		B214/B4	*
DMA2041	IOMI-B	04-106	136	O	DMA20401	B203/F1	
DMA2041	04-113	04-113	037	O		B214/B6	*
DMA2051	IOMI-B	04-106	037	O	DMA20501	B203/F1	
DMA2051	04-112	04-112	037	O		B214/B4	*
DMA2061	IOMI-B	04-106	437	O	DMA20601	B203/F1	
DMA2061	04-113	04-113	038	O		B214/B6	*
DMA2071	IOMI-B	04-106	238	O	DMA20701	B203/F1	
DMA2071	04-112	04-112	038	O		B214/C4	*
DMA2081	IOMI-B	04-106	039	O	DMA20801	B203/F1	
DMA2081	04-113	04-113	039	O		B214/B6	*
DMA2091	IOMI-B	04-106	240	O	DMA20901	B203/F1	
DMA2091	04-112	04-112	039	O		B214/C4	*
DMA2101	IOMI-B	04-106	041	O	DMA21001	B203/F1	
DMA2101	04-113	04-113	040	O		B214/B6	*
DMA2111	IOMI-B	04-106	441	O	DMA21101	B203/F1	
DMA2111	04-112	04-112	040	O		B214/C4	*
DMA2121	IOMI-B	04-106	242	O	DMA21201	B203/F1	
DMA2121	04-113	04-113	041	O		B214/B6	*
DMA2131	IOMI-B	04-106	043	O	DMA21301	B203/F1	
DMA2131	04-112	04-112	041	O		B214/C4	*
DMA2141	IOMI-B	04-106	543	O	DMA21401	B203/F1	
DMA2141	04-113	04-113	042	O		B214/C6	*
DMA2151	IOMI-B	04-106	444	O	DMA21501	B203/F1	
DMA2151	04-112	04-112	042	O		B214/C4	*
DMA3001	IOMI-B	04-106	333	O	DMA30001	B203/F1	
DMA3001	04-115	04-115	035	O		B215/B0	*
DMA3011	IOMI-B	04-106	134	O	DMA30101	B203/F1	
DMA3011	04-114	04-114	035	I		B214/B8	*
DMA3021	IOMI-B	04-106	534	O	DMA30201	B203/F1	
DMA3021	04-115	04-115	036	O		B215/B0	*
DMA3031	IOMI-B	04-106	435	O	DMA30301	B203/F1	
DMA3031	04-114	04-114	036	O		B214/B8	*
DMA3041	IOMI-B	04-106	336	O	DMA30401	B203/F1	
DMA3041	04-115	04-115	037	O		B215/B0	*
DMA3051	IOMI-B	04-106	137	O	DMA30501	B203/F1	
DMA3051	04-114	04-114	037	O		B214/B8	*
DMA3061	IOMI-B	04-106	537	O	DMA30601	B203/F1	
DMA3061	04-115	04-115	038	O		B215/B0	*
DMA3071	IOMI-B	04-106	338	O	DMA30701	B203/F1	
DMA3071	04-114	04-114	038	O		B214/C8	*
DMA3081	IOMI-B	04-106	539	O	DMA30801	B203/F1	
DMA3081	04-115	04-115	039	O		B215/B0	*

24	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRNMOD	SYNLOC	XT
DMA3091	IOMI-B	04-106	340	O	DMA30901	B203/F1	
DMA3091	04-114	04-114	039	O		B214/C8	*
DMA3101	IOMI-B	04-106	141	O	DMA31001	B203/F1	
DMA3101	04-115	04-115	040	O		B215/B0	*
DMA3111	IOMI-B	04-106	541	O	DMA31101	B203/F1	
DMA3111	04-114	04-114	040	O		B214/C8	*
DMA3121	IOMI-B	04-106	342	O	DMA31201	B203/F1	
DMA3121	04-115	04-115	041	O		B215/B0	*
DMA3131	IOMI-B	04-106	143	O	DMA31301	B203/F1	
DMA3131	04-114	04-114	041	O		B214/C8	*
DMA3141	IOMI-B	04-106	044	O	DMA31401	B203/F1	
DMA3141	04-115	04-115	042	O		B215/C0	*
DMA3151	IOMI-B	04-106	544	O	DMA31501	B203/F1	
DMA3151	04-114	04-114	042	O		B214/C8	*
DMA0001	04-117	04-117	035	O		B215/B4	*
DMA0001	IOMI-C	04-120	033	O	DMA00001	B204/F1	
DMA0011	04-116	04-116	035	O		B215/B2	*
DMA0011	IOMI-C	04-120	433	O	DMA00101	B204/F1	
DMA0021	04-117	04-117	036	O		B215/B4	*
DMA0021	IOMI-C	04-120	234	O	DMA00201	B204/F1	
DMA0031	04-116	04-116	036	O		B215/B2	*
DMA0031	IOMI-C	04-120	035	O	DMA00301	B204/F1	
DMA0041	04-117	04-117	037	O		B215/B4	*
DMA0041	IOMI-C	04-120	535	O	DMA00401	B204/F1	
DMA0051	04-116	04-116	037	O		B215/B2	*
DMA0051	IOMI-C	04-120	436	O	DMA00501	B204/F1	
DMA0061	04-117	04-117	038	O		B215/B4	*
DMA0061	IOMI-C	04-120	237	O	DMA00601	B204/F1	
DMA0071	04-116	04-116	038	O		B215/C2	*
DMA0071	IOMI-C	04-120	038	O	DMA00701	B204/F1	
DMA0081	04-117	04-117	039	O		B215/B4	*
DMA0081	IOMI-C	04-120	438	O	DMA00801	B204/F1	
DMA0091	04-116	04-116	039	O		B215/C2	*
DMA0091	IOMI-C	04-120	040	O	DMA00901	B204/F1	
DMA0101	04-117	04-117	040	O		B215/B4	*
DMA0101	IOMI-C	04-120	440	O	DMA01001	B204/F1	
DMA0111	04-116	04-116	040	O		B215/C2	*
DMA0111	IOMI-C	04-120	241	O	DMA01101	B204/F1	
DMA0121	04-117	04-117	041	O		B215/B4	*
DMA0121	IOMI-C	04-120	042	O	DMA01201	B204/F1	
DMA0131	04-116	04-116	041	O		B215/C2	*
DMA0131	IOMI-C	04-120	442	O	DMA01301	B204/F1	
DMA0141	04-117	04-117	042	O		B215/C4	*
DMA0141	IOMI-C	04-120	343	O	DMA01401	B204/F1	
DMA0151	04-116	04-116	042	O		B215/C2	*
DMA0151	IOMI-C	04-120	144	O	DMA01501	B204/F1	
DMA1001	04-119	04-119	035	O		B215/B8	*
DMA1001	IOMI-C	04-120	133	O	DMA10001	B204/F1	
DMA1011	04-118	04-118	035	O		B215/B6	*
DMA1011	IOMI-C	04-120	533	O	DMA10101	B204/F1	

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MESSAGE SWITCH CONTROL UNIT MODEL 2			
		DWG SIZE C2	ISSUE 5M
Lucent Technologies	SD-5D077-01		SHEET A14

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55 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	07-056	07-056	557	G		B107/E4	*
GRD	07-082	07-082	357	G		B211/C5	*
GRD	07-106	07-106	157	G		B211/D5	*
GRD	07-130	07-130	057	G		B211/E5	*
GRD	07-152	07-152	057	G		B211/F5	*
GRD	07-170	07-170	357	G		B211/F5	*
GRD	E4	61-017	1	G	GRD1	B107/C4	
GRD	E4	61-017	2	G	GRD2	B107/C4	
GRD	E4	61-017	3	G	GRD3	B107/C4	
GRD	E4	61-017	4	G	GRD4	B107/C4	
GRD	E6	61-037	1	G	GRD1	B107/D4	
GRD	E6	61-037	2	G	GRD2	B107/D4	
GRD	E6	61-037	3	G	GRD3	B107/D4	
GRD	E6	61-037	4	G	GRD4	B107/D4	
GRD	E8	61-061	1	G	GRD1	B107/E4	
GRD	E8	61-061	2	G	GRD2	B107/E4	
GRD	E8	61-061	3	G	GRD3	B107/E4	
GRD	E8	61-061	4	G	GRD4	B107/E4	
GRD	E12	61-085	1	G	GRD1	B211/C6	
GRD	E12	61-085	2	G	GRD2	B211/C6	
GRD	E12	61-085	3	G	GRD3	B211/C6	
GRD	E12	61-085	4	G	GRD4	B211/C6	
GRD	E14	61-107	1	G	GRD1	B211/D6	
GRD	E14	61-107	2	G	GRD2	B211/D6	
GRD	E14	61-107	3	G	GRD3	B211/D6	
GRD	E14	61-107	4	G	GRD4	B211/D6	
GRD	E16	61-130	1	G	GRD1	B211/E6	
GRD	E16	61-130	2	G	GRD2	B211/E6	
GRD	E16	61-130	3	G	GRD3	B211/E6	
GRD	E16	61-130	4	G	GRD4	B211/E6	
GRD	E18	61-152	1	G	GRD1	B211/F6	
GRD	E18	61-152	2	G	GRD2	B211/F6	
GRD	E18	61-152	3	G	GRD3	B211/F6	
GRD	E18	61-152	4	G	GRD4	B211/F6	
GRD	E20	61-173	1	G	GRD1	B211/G6	
GRD	E20	61-173	2	G	GRD2	B211/G6	
GRD	E20	61-173	3	G	GRD3	B211/G6	
GRD	E20	61-173	4	G	GRD4	B211/G6	
HINTSUM0	PIC2	04-146	037	I	INT110	B206/G3	
HINTSUM0	PMCS	04-156	309	IO	NC_HINTSUM0	B207/G1	
INCR1	PIC2	04-146	442	O	INCR1	B206/G3	
INCR1	PMCS	04-156	015	IO	NC_INCR1	B207/G1	
INCTMR1	BIC	04-170	213	I	INCTMR10	B209/G3	
INCTMR1	BIC	04-170	313	O	0.2MHZ00	B209/G3	
INF000	BIC	04-170	134	IO	INF00B0	B209/G3	
INF000	DDSBs	04-178	134	IO	INF00B0	B210/F3	
INF010	BIC	04-170	035	IO	INF01B0	B209/G3	
INF010	DDSBs	04-178	035	IO	INF01B0	B210/F3	
INF020	BIC	04-170	136	IO	INF02B0	B209/G3	
INF020	DDSBs	04-178	136	IO	INF02B0	B210/F3	
INF030	BIC	04-170	037	IO	INF03B0	B209/G3	
INF030	DDSBs	04-178	037	IO	INF03B0	B210/F3	
INF040	BIC	04-170	138	IO	INF04B0	B209/G3	
INF040	DDSBs	04-178	138	IO	INF04B0	B210/F3	
INF050	BIC	04-170	039	IO	INF05B0	B209/G3	
INF050	DDSBs	04-178	039	IO	INF05B0	B210/F3	
INF060	BIC	04-170	140	IO	INF06B0	B209/G3	
INF060	DDSBs	04-178	140	IO	INF06B0	B210/F3	
INF070	BIC	04-170	041	IO	INF07B0	B209/G3	
INF070	DDSBs	04-178	041	IO	INF07B0	B210/F3	
INF080	BIC	04-170	334	IO	INF08B0	B209/G3	
INF080	DDSBs	04-178	334	IO	INF08B0	B210/F3	
INF090	BIC	04-170	235	IO	INF09B0	B209/G3	
INF090	DDSBs	04-178	235	IO	INF09B0	B210/F3	
INF100	BIC	04-170	336	IO	INF10B0	B209/G3	
INF100	DDSBs	04-178	336	IO	INF10B0	B210/F3	
INF110	BIC	04-170	237	IO	INF11B0	B209/G3	
INF110	DDSBs	04-178	237	IO	INF11B0	B210/F3	
INF120	BIC	04-170	338	IO	INF12B0	B209/G3	
INF120	DDSBs	04-178	338	IO	INF12B0	B210/F3	
INF130	BIC	04-170	239	IO	INF13B0	B209/G3	
INF130	DDSBs	04-178	239	IO	INF13B0	B210/F3	
INF140	BIC	04-170	340	IO	INF14B0	B209/G3	
INF140	DDSBs	04-178	340	IO	INF14B0	B210/F3	
INF150	BIC	04-170	241	IO	INF15B0	B209/G3	
INF150	DDSBs	04-178	241	IO	INF15B0	B210/F3	

56 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
INF160	BIC	04-170	146	IO	INF16B0	B209/G3	
INF160	DDSBs	04-178	146	IO	INF16B0	B210/F3	
INF170	BIC	04-170	047	IO	INF17B0	B209/G3	
INF170	DDSBs	04-178	047	IO	INF17B0	B210/F3	
INF180	BIC	04-170	148	IO	INF18B0	B209/G3	
INF180	DDSBs	04-178	148	IO	INF18B0	B210/F3	
INF190	BIC	04-170	049	IO	INF19B0	B209/G3	
INF190	DDSBs	04-178	049	IO	INF19B0	B210/F3	
INF200	BIC	04-170	150	IO	INF20B0	B209/G3	
INF200	DDSBs	04-178	150	IO	INF20B0	B210/F3	
INF210	BIC	04-170	051	IO	INF21B0	B209/G3	
INF210	DDSBs	04-178	051	IO	INF21B0	B210/F3	
INF220	BIC	04-170	152	IO	INF22B0	B209/G3	
INF220	DDSBs	04-178	152	IO	INF22B0	B210/F3	
INF230	BIC	04-170	053	IO	INF23B0	B209/G3	
INF230	DDSBs	04-178	053	IO	INF23B0	B210/F3	
INF240	BIC	04-170	346	IO	INF24B0	B209/G3	
INF240	DDSBs	04-178	346	IO	INF24B0	B210/F3	
INF250	BIC	04-170	247	IO	INF25B0	B209/G3	
INF250	DDSBs	04-178	247	IO	INF25B0	B210/F3	
INF260	BIC	04-170	347	IO	INF26B0	B209/G3	
INF260	DDSBs	04-178	348	IO	INF26B0	B210/F3	
INF270	BIC	04-170	348	IO	INF27B0	B209/G3	
INF270	DDSBs	04-178	249	IO	INF27B0	B210/F3	
INF280	BIC	04-170	249	IO	INF28B0	B209/G3	
INF280	DDSBs	04-178	350	IO	INF28B0	B210/F3	
INF290	BIC	04-170	352	IO	INF29B0	B209/G3	
INF290	DDSBs	04-178	251	IO	INF29B0	B210/F3	
INF300	BIC	04-170	253	IO	INF30B0	B209/G3	
INF300	DDSBs	04-178	352	IO	INF30B0	B210/F3	
INF310	BIC	04-170	353	IO	INF31B0	B209/G3	
INF310	DDSBs	04-178	253	IO	INF31B0	B210/F3	
INFP00	BIC	04-170	354	IO	INFP0B0	B209/G3	
INFP00	DDSBs	04-178	354	IO	INFP0B0	B210/F3	
INFP10	BIC	04-170	154	IO	INFP1B0	B209/G3	
INFP10	DDSBs	04-178	154	IO	INFP1B0	B210/F3	
INFP20	BIC	04-170	342	IO	INFP2B0	B209/G3	
INFP20	DDSBs	04-178	342	IO	INFP2B0	B210/F3	
INFP30	BIC	04-170	142	IO	INFP3B0	B209/G3	
INFP30	DDSBs	04-178	142	IO	INFP3B0	B210/F3	
INHCK00	PIC2	04-146	050	I	INHCK00	B206/G3	
INHCK00	BIC	04-170	055	I	INHCK010	B209/G3	
INHCK10	PIC2	04-146	150	I	INHCK10	B206/G3	
INHCK10	PMCS	04-156	014	IO	NC_INHCK10	B207/G1	
INHCK10	BIC	04-170	255	I	INHCK110	B209/G3	
INITPC0	MSPP-032	04-032	203	I	INITPC0	B102/E2	
INITPC0	04-036	04-036	020	I		B108/D4	*
INITPC0	MSPP-048	04-048	203	I	INITPC0	B104/F1	
INSTTMR0	PIC2	04-146	055	I	INT020	B206/G3	
INSTTMR0	PMCS	04-156	306	IO	NC_INSTTMR0	B207/G1	
INT0	BIC	04-170	321	O	INT00	B209/G3	
INT0	DDSBs	04-178	321	I	INT10	B210/F3	
INTA000	04-087	04-087	054	I		B212/E2	*
INTA000	IONI-A	04-090	053	I	INT0010	B202/F1	
INTA010	04-086	04-086	054	I		B212/F0	*
INTA010	IONI-A	04-090	253	I	INT0110	B202/F1	
INTA020	04-087	04-087	055	I		B212/F2	*
INTA020	IONI-A	04-090	353	I	INT0210	B202/F1	
INTA030	04-086	04-086	055	I		B212/F0	*
INTA030	IONI-A	04-090	553	I	INT0310	B202/F1	
INTA100	04-089	04-089	054	I		B212/E6	*
INTA100	IONI-A	04-090	054	I	INT1010	B202/F1	
INTA110	04-088	04-088	054	I		B212/F4	*
INTA110	IONI-A	04-090	154	I	INT1110	B202/F1	

57	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
INTA120	04-089	04-089	055	I		B212/F6	*
INTA120	IONI-A	04-090	254	I	INT1210	B202/F1	
INTA130	04-088	04-088	055	I		B212/F4	*
INTA130	IONI-A	04-090	354	I	INT1310	B202/F1	
INTA200	IONI-A	04-090	454	I	INT2010	B202/F1	
INTA200	04-099	04-099	054	I		B213/E0	*
INTA210	IONI-A	04-090	554	I	INT2110	B202/F1	
INTA210	04-098	04-098	054	I		B212/F8	*
INTA220	IONI-A	04-090	055	I	INT2210	B202/F1	
INTA220	04-099	04-099	055	I		B213/F0	*
INTA230	IONI-A	04-090	155	I	INT2310	B202/F1	
INTA230	04-098	04-098	055	I		B212/F8	*
INTA300	IONI-A	04-090	255	I	INT3010	B202/F1	
INTA300	04-101	04-101	054	I		B213/E4	*
INTA310	IONI-A	04-090	355	I	INT3110	B202/F1	
INTA310	04-100	04-100	054	I		B213/F2	*
INTA320	IONI-A	04-090	455	I	INT3210	B202/F1	
INTA320	04-101	04-101	055	I		B213/F4	*
INTA330	IONI-A	04-090	555	I	INT3310	B202/F1	
INTA330	04-100	04-100	055	I		B213/F2	*
INTB000	04-103	04-103	054	I		B213/E8	*
INTB000	IONI-B	04-106	053	I	INT0010	B203/F1	
INTB010	04-102	04-102	054	I		B213/F6	*
INTB010	IONI-B	04-106	253	I	INT0110	B203/F1	
INTB020	04-103	04-103	055	I		B213/F8	*
INTB020	IONI-B	04-106	353	I	INT0210	B203/F1	
INTB030	04-102	04-102	055	I		B213/F6	*
INTB030	IONI-B	04-106	553	I	INT0310	B203/F1	
INTB100	04-105	04-105	054	I		B214/E2	*
INTB100	IONI-B	04-106	054	I	INT1010	B203/F1	
INTB110	04-104	04-104	054	I		B214/F0	*
INTB110	IONI-B	04-106	154	I	INT1110	B203/F1	
INTB120	04-105	04-105	055	I		B214/F2	*
INTB120	IONI-B	04-106	254	I	INT1210	B203/F1	
INTB130	04-104	04-104	055	I		B214/F0	*
INTB130	IONI-B	04-106	354	I	INT1310	B203/F1	
INTB200	IONI-B	04-106	454	I	INT2010	B203/F1	
INTB200	04-113	04-113	054	I		B214/E6	*
INTB210	IONI-B	04-106	554	I	INT2110	B203/F1	
INTB210	04-112	04-112	054	I		B214/F4	*
INTB220	IONI-B	04-106	055	I	INT2210	B203/F1	
INTB220	04-113	04-113	055	I		B214/F6	*
INTB230	IONI-B	04-106	155	I	INT2310	B203/F1	
INTB230	04-112	04-112	055	I		B214/F4	*
INTB300	IONI-B	04-106	255	I	INT3010	B203/F1	
INTB300	04-115	04-115	054	I		B215/E0	*
INTB310	IONI-B	04-106	355	I	INT3110	B203/F1	
INTB310	04-114	04-114	054	I		B214/F8	*
INTB320	IONI-B	04-106	455	I	INT3210	B203/F1	
INTB320	04-115	04-115	055	I		B215/F0	*
INTB330	IONI-B	04-106	555	I	INT3310	B203/F1	

58	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
INTB330	04-114		04-114	055	I		B214/F8	*
INTC000	04-117		04-117	054	I		B215/E4	*
INTC000	IOMI-C		04-120	053	I	INT0010	B204/F1	
INTC010	04-116		04-116	054	I		B215/F2	*
INTC010	IOMI-C		04-120	253	I	INT0110	B204/F1	
INTC020	04-117		04-117	055	I		B215/F4	*
INTC020	IOMI-C		04-120	353	I	INT0210	B204/F1	
INTC030	04-116		04-116	055	I		B215/F2	*
INTC030	IOMI-C		04-120	553	I	INT0310	B204/F1	
INTC100	04-119		04-119	054	I		B215/E8	*
INTC100	IOMI-C		04-120	054	I	INT1010	B204/F1	
INTC110	04-118		04-118	054	I		B215/F6	*
INTC110	IOMI-C		04-120	154	I	INT1110	B204/F1	
INTC120	04-119		04-119	055	I		B215/F8	*
INTC120	IOMI-C		04-120	254	I	INT1210	B204/F1	
INTC130	04-118		04-118	055	I		B215/F6	*
INTC130	IOMI-C		04-120	354	I	INT1310	B204/F1	
INTC200	IOMI-C		04-120	454	I	INT2010	B204/F1	
INTC200	04-127		04-127	054	I		B216/E2	*
INTC210	IOMI-C		04-120	554	I	INT2110	B204/F1	
INTC210	04-126		04-126	054	I		B216/F0	*
INTC220	IOMI-C		04-120	055	I	INT2210	B204/F1	
INTC220	04-127		04-127	055	I		B216/F2	*
INTC230	IOMI-C		04-120	155	I	INT2310	B204/F1	
INTC230	04-126		04-126	055	I		B216/F0	*
INTC300	IOMI-C		04-120	255	I	INT3010	B204/F1	
INTC300	04-129		04-129	054	I		B216/E6	*
INTC310	IOMI-C		04-120	355	I	INT3110	B204/F1	
INTC310	04-128		04-128	054	I		B216/F4	*
INTC320	IOMI-C		04-120	455	I	INT3210	B204/F1	
INTC320	04-129		04-129	055	I		B216/F6	*
INTC330	IOMI-C		04-120	555	I	INT3310	B204/F1	
INTC330	04-128		04-128	055	I		B216/F4	*
INTD000	04-131		04-131	054	I		B217/E0	*
INTD000	IOMI-D		04-134	053	I	INT0010	B205/G1	
INTD010	04-130		04-130	054	I		B216/F8	*
INTD010	IOMI-D		04-134	253	I	INT0110	B205/G1	
INTD020	04-131		04-131	055	I		B217/F0	*
INTD020	IOMI-D		04-134	353	I	INT0210	B205/G1	
INTD030	04-130		04-130	055	I		B216/F8	*
INTD030	IOMI-D		04-134	553	I	INT0310	B205/G1	
INTD100	04-133		04-133	054	I		B217/E4	*
INTD100	IOMI-D		04-134	054	I	INT1010	B205/G1	
INTD110	04-132		04-132	054	I		B217/F2	*
INTD110	IOMI-D		04-134	154	I	INT1110	B205/G1	
INTD120	04-133		04-133	055	I		B217/F4	*
INTD120	IOMI-D		04-134	254	I	INT1210	B205/G1	
INTD130	04-132		04-132	055	I		B217/F2	*
INTD130	IOMI-D		04-134	354	I	INT1310	B205/G1	
INTD200	IOMI-D		04-134	454	I	INT2010	B205/G1	
INTD200	04-143		04-143	054	I		B217/E8	*
INTD210	IOMI-D		04-134	554	I	INT2110	B205/G1	
INTD210	04-142		04-142	054	I		B217/F6	*
INTD220	IOMI-D		04-134	055	I	INT2210	B205/G1	
INTD220	04-143		04-143	055	I		B217/F8	*
INTD230	IOMI-D		04-134	155	I	INT2310	B205/G1	
INTD230	04-142		04-142	055	I		B217/F6	*
INTD300	IOMI-D		04-134	255	I	INT3010	B205/G1	
INTD300	04-145		04-145	054	I		B218/E3	*
INTD310	IOMI-D		04-134	355	I	INT3110	B205/G1	
INTD310	04-144		04-144	054	I		B218/F1	*
INTD320	IOMI-D		04-134	455	I	INT3210	B205/G1	
INTD320	04-145		04-145	055	I		B218/F3	*
INTD330	IOMI-D		04-134	555	I	INT3310	B205/G1	

59	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMNO	SYMLOC	XT	
INTD330	04-144	04-144	055	I	B218/F1	*	
IOMIPA1	IOMI-A	04-090	045	O P5S01	B202/F1		
IOMIPA1	PIC2	04-146	404	I IOMIPA1	B206/G3		
IOMIPB1	IOMI-B	04-106	045	O P5S01	B203/F1		
IOMIPB1	PIC2	04-146	413	I IOMIPB1	B206/G3		
IOMIPC1	IOMI-C	04-120	045	O P5S01	B204/F1		
IOMIPC1	PIC2	04-146	414	I IOMIPC1	B206/G3		
IOMIPD1	IOMI-D	04-134	045	O P5S01	B205/G1		
IOMIPD1	PIC2	04-146	415	I IOMIPD1	B206/G3		
MANOVRO	04-007	04-007	019	O	B108/G1	*	
MANOVRO	04-007	04-007	024	O	B108/G1	*	
MANOVRO	FPCPPCCD	04-008	135	O SCV0	B101/F0		
MANOVRO	C&D	04-066	135	O SCV0	B106/F3		
MANOVR1	04-007	04-007	016	O	B108/G1	*	
MANOVR1	04-007	04-007	023	O	B108/G1	*	
MANOVR1	FPCPPCCD	04-008	136	O SCV1	B101/F0		
MANOVR1	C&D	04-066	136	O SCV1	B106/F3		
MANRTNO	04-006	04-006	019	G	B108/D1	*	
MANRTNO	04-006	04-006	024	G	B108/D1	*	
MANRTNO	FPCPPCCD	04-008	035	O SCVRTNO	B101/F0		
MANRTNO	C&D	04-066	035	O SCVRTNO	B106/F3		
MANRTN1	04-006	04-006	016	G	B108/D1	*	
MANRTN1	04-006	04-006	023	G	B108/D1	*	
MANRTN1	FPCPPCCD	04-008	036	O SCVRTN1	B101/F0		
MANRTN1	C&D	04-066	036	O SCVRTN1	B106/F3		
NCURPR	PWRCONV	04-024	017	I CP(+)	B101/F5		
NCURPR	MSPP-032	04-032	012	IO NCURPR	B102/E2		
NCURPR	PPC	04-040	012	O NCURPR	B103/G3		
NCURPR	MSPP-048	04-048	012	IO NCURPR	B104/F1		
NCURPR	FPC	04-056	012	O -CURPR	B105/F3		
NEG1	PIC2	04-146	311	O NEG1	B206/G3		
NEG1	PNC8	04-156	311	IO NC_NEG1	B207/G1		
OOLA00	04-086	04-086	006	I	B212/F0	*	
OOLA00	IOMI-A	04-090	004	I OOLA00	B202/F1		
OOLA10	04-088	04-088	006	I	B212/F4	*	
OOLA10	IOMI-A	04-090	104	I OOLA10	B202/F1		
OOLA20	IOMI-A	04-090	204	I OOLA20	B202/F1		
OOLA20	04-098	04-098	006	I	B212/F8	*	
OOLA30	IOMI-A	04-090	404	I OOLA30	B202/F1		
OOLA30	04-100	04-100	006	I	B213/F2	*	
OOLB00	04-102	04-102	006	I	B213/F6	*	
OOLB00	IOMI-B	04-106	004	I OOLB00	B203/F1		
OOLB10	04-104	04-104	006	I	B214/F0	*	
OOLB10	IOMI-B	04-106	104	I OOLB10	B203/F1		
OOLB20	IOMI-B	04-106	204	I OOLB20	B203/F1		
OOLB20	04-112	04-112	006	I	B214/F4	*	
OOLB30	IOMI-B	04-106	404	I OOLB30	B203/F1		
OOLB30	04-114	04-114	006	I	B214/F8	*	
OOLC00	04-116	04-116	006	I	B215/F2	*	
OOLC00	IOMI-C	04-120	004	I OOLC00	B204/F1		
OOLC10	04-118	04-118	006	I	B215/F6	*	
OOLC10	IOMI-C	04-120	104	I OOLC10	B204/F1		
OOLC20	IOMI-C	04-120	204	I OOLC20	B204/F1		
OOLC20	04-126	04-126	006	I	B216/F0	*	
OOLC30	IOMI-C	04-120	404	I OOLC30	B204/F1		
OOLC30	04-128	04-128	006	I	B216/F4	*	
OOLD00	04-130	04-130	006	I	B216/F8	*	
OOLD00	IOMI-D	04-134	004	I OOLD00	B205/G1		
OOLD10	04-132	04-132	006	I	B217/F2	*	
OOLD10	IOMI-D	04-134	104	I OOLD10	B205/G1		
OOLD20	IOMI-D	04-134	204	I OOLD20	B205/G1		
OOLD20	04-142	04-142	006	I	B217/F6	*	
OOLD30	IOMI-D	04-134	404	I OOLD30	B205/G1		
OOLD30	04-144	04-144	006	I	B218/F1	*	
OOS+I	FPCPPCCD	04-008	111	I OOSCONV	B101/F0		
OOS+I	PWRCONV	04-024	015	I OOS(+)	B101/F5		
OOS-I	FPCPPCCD	04-008	109	O OOSTST	B101/F0		

60	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRNM0D	SYMLOC	XT	
OOS-I	PWRCONV	04-024	115	I	OOS(-)	B101/F5		
ORDTAP0	PIC2	04-146	142	O	ORDTAP0	B206/G3		
ORDTAP0	PIC2	04-146	337	I	INT130	B206/G3		
ORDTAP0	PMCS	04-156	110	IO	NC_ORDTAP0	B207/G1		
ORDTAP0	TCU	04-164	223	I	TST061	B208/E3		
OUTSRVC1	C&D	04-066	109	O	OOSTST	B106/F3		
OUTSRVC1	PWRCONV2	04-082	115	I	OOS(-)	B201/F3		
OUTSRVC2	C&D	04-066	111	I	OOSCONV	B106/F3		
OUTSRVC2	PWRCONV2	04-082	015	I	OOS(+)	B201/F3		
OVFL01	PIC2	04-146	211	O	OVFL01	B206/G3		
OVFL01	PMCS	04-156	211	IO	NC_OVFL01	B207/G1		
PCCLKN	PPC	04-040	235	I	OCLKN	B103/G3	*	
PCCLKP	PPC	04-040	335	I	OCLKP	B103/G3	*	
PORDATAN	PPC	04-040	237	I	ORDATAN	B103/G3	*	
PORDATAP	PPC	04-040	337	I	ORDATAP	B103/G3	*	
POSYNCP	PPC	04-040	234	I	OSYNCP	B103/G3	*	
POSYNCP	PPC	04-040	334	I	OSYNCP	B103/G3	*	
POTDATAN	PPC	04-040	236	O	OTDATAN	B103/G3	*	
POTDATAP	PPC	04-040	336	O	OTDATAP	B103/G3	*	
PICLKN	PPC	04-040	240	I	1CLKN	B103/G3	*	
PICLKP	PPC	04-040	340	I	1CLKP	B103/G3	*	
PIRDATAN	PPC	04-040	242	I	1RDATAN	B103/G3	*	
PIRDATAP	PPC	04-040	342	I	1RDATAP	B103/G3	*	
PISYNCP	PPC	04-040	239	I	1SYNCP	B103/G3	*	
PISYNCP	PPC	04-040	339	I	1SYNCP	B103/G3	*	
PITDATAN	PPC	04-040	241	O	1TDATAN	B103/G3	*	
PITDATAP	PPC	04-040	341	O	1TDATAP	B103/G3	*	
PARITYE0	PIC2	04-146	152	O	PARITYE0	B206/G3		
PARITYE0	PMCS	04-156	106	IO	NC_PARITYE0	B207/G1		
PARITYE0	TCU	04-164	023	I	TST051	B208/E3		
PAUSE0	PIC2	04-146	038	I	INT140	B206/G3		
PAUSE0	PMCS	04-156	310	IO	NC_PAUSE0	B207/G1		
PAUSE0	PMCS	04-156	341	I	PAUSE0	B207/G1		
PAUSE0	TCU	04-164	323	I	TST071	B208/E3		
PCSLA000	04-087	04-087	003	O		B212/F2	*	
PCSLA000	IONI-A	04-090	110	O	SEL0000	B202/F1		
PCSLA010	04-087	04-087	004	O		B212/F2	*	
PCSLA010	IONI-A	04-090	210	O	SEL0100	B202/F1		
PCSLA020	04-087	04-087	005	O		B212/F2	*	
PCSLA020	IONI-A	04-090	310	O	SEL0200	B202/F1		
PCSLA030	04-087	04-087	006	O		B212/F2	*	
PCSLA030	IONI-A	04-090	410	O	SEL0300	B202/F1		
PCSLA100	04-089	04-089	003	O		B212/F6	*	
PCSLA100	IONI-A	04-090	510	O	SEL1000	B202/F1		
PCSLA110	04-089	04-089	004	O		B212/F6	*	
PCSLA110	IONI-A	04-090	011	O	SEL1100	B202/F1		

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MESSAGE SWITCH CONTROL UNIT MODEL 2			
		DWG SIZE C2	ISSUE 5M
Lucent Technologies	SD-5D077-01		SHEET A26

	0	1	2	3	4	5	6	7	8	9	
A											A
B											B
C											C
D											D
E											E
F											F
G											G
H											H

61 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
PCSLA120	04-089		04-089	005	O		B212/F6 *
PCSLA120	IONI-A		04-090	111	O	SEL1200	B202/F1
PCSLA130	04-089		04-089	006	O		B212/F6 *
PCSLA130	IONI-A		04-090	211	O	SEL1300	B202/F1
PCSLA200	IONI-A		04-090	311	O	SEL2000	B202/F1
PCSLA200	04-099		04-099	003	O		B213/F0 *
PCSLA210	IONI-A		04-090	411	O	SEL2100	B202/F1
PCSLA210	04-099		04-099	004	O		B213/F0 *
PCSLA220	IONI-A		04-090	511	O	SEL2200	B202/F1
PCSLA220	04-099		04-099	005	O		B213/F0 *
PCSLA230	IONI-A		04-090	012	O	SEL2300	B202/F1
PCSLA230	04-099		04-099	006	O		B213/F0 *
PCSLA300	IONI-A		04-090	112	O	SEL3000	B202/F1
PCSLA300	04-101		04-101	003	O		B213/F4 *
PCSLA310	IONI-A		04-090	212	O	SEL3100	B202/F1
PCSLA310	04-101		04-101	004	O		B213/F4 *
PCSLA320	IONI-A		04-090	412	O	SEL3200	B202/F1
PCSLA320	04-101		04-101	005	O		B213/F4 *
PCSLA330	IONI-A		04-090	512	O	SEL3300	B202/F1
PCSLA330	04-101		04-101	006	O		B213/F4 *
PCSLB000	04-103		04-103	003	O		B213/F8 *
PCSLB000	IONI-B		04-106	110	O	SEL0000	B203/F1
PCSLB010	04-103		04-103	004	O		B213/F8 *
PCSLB010	IONI-B		04-106	210	O	SEL0100	B203/F1
PCSLB020	04-103		04-103	005	O		B213/F8 *
PCSLB020	IONI-B		04-106	310	O	SEL0200	B203/F1
PCSLB030	04-103		04-103	006	O		B213/F8 *
PCSLB030	IONI-B		04-106	410	O	SEL0300	B203/F1
PCSLB100	04-105		04-105	003	O		B214/F2 *
PCSLB100	IONI-B		04-106	510	O	SEL1000	B203/F1
PCSLB110	04-105		04-105	004	O		B214/F2 *
PCSLB110	IONI-B		04-106	011	O	SEL1100	B203/F1
PCSLB120	04-105		04-105	005	O		B214/F2 *
PCSLB120	IONI-B		04-106	111	O	SEL1200	B203/F1
PCSLB130	04-105		04-105	006	O		B214/F2 *
PCSLB130	IONI-B		04-106	211	O	SEL1300	B203/F1
PCSLB200	IONI-B		04-106	311	O	SEL2000	B203/F1
PCSLB200	04-113		04-113	003	O		B214/F6 *
PCSLB210	IONI-B		04-106	411	O	SEL2100	B203/F1
PCSLB210	04-113		04-113	004	O		B214/F6 *
PCSLB220	IONI-B		04-106	511	O	SEL2200	B203/F1
PCSLB220	04-113		04-113	005	O		B214/F6 *
PCSLB230	IONI-B		04-106	012	O	SEL2300	B203/F1
PCSLB230	04-113		04-113	006	O		B214/F6 *
PCSLB300	IONI-B		04-106	112	O	SEL3000	B203/F1
PCSLB300	04-115		04-115	003	O		B215/F0 *
PCSLB310	IONI-B		04-106	212	O	SEL3100	B203/F1
PCSLB310	04-115		04-115	004	O		B215/F0 *
PCSLB320	IONI-B		04-106	412	O	SEL3200	B203/F1
PCSLB320	04-115		04-115	005	O		B215/F0 *
PCSLB330	IONI-B		04-106	512	O	SEL3300	B203/F1
PCSLB330	04-115		04-115	006	O		B215/F0 *
PCSLC000	04-117		04-117	003	O		B215/F4 *
PCSLC000	IONI-C		04-120	110	O	SEL0000	B204/F1
PCSLC010	04-117		04-117	004	O		B215/F4 *
PCSLC010	IONI-C		04-120	210	O	SEL0100	B204/F1
PCSLC020	04-117		04-117	005	O		B215/F4 *
PCSLC020	IONI-C		04-120	310	O	SEL0200	B204/F1
PCSLC030	04-117		04-117	006	O		B215/F4 *
PCSLC030	IONI-C		04-120	410	O	SEL0300	B204/F1
PCSLC100	04-119		04-119	003	O		B215/F8 *
PCSLC100	IONI-C		04-120	510	O	SEL1000	B204/F1
PCSLC110	04-119		04-119	004	O		B215/F8 *
PCSLC110	IONI-C		04-120	011	O	SEL1100	B204/F1

62 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
PCSLC120	04-119		04-119	005	O		B215/F8 *
PCSLC120	IONI-C		04-120	111	O	SEL1200	B204/F1
PCSLC130	04-119		04-119	006	O		B215/F8 *
PCSLC130	IONI-C		04-120	211	O	SEL1300	B204/F1
PCSLC200	IONI-C		04-120	311	O	SEL2000	B204/F1
PCSLC200	04-127		04-127	003	O		B216/F2 *
PCSLC210	IONI-C		04-120	411	O	SEL2100	B204/F1
PCSLC210	04-127		04-127	004	O		B216/F2 *
PCSLC220	IONI-C		04-120	511	O	SEL2200	B204/F1
PCSLC220	04-127		04-127	005	O		B216/F2 *
PCSLC230	IONI-C		04-120	012	O	SEL2300	B204/F1
PCSLC230	04-127		04-127	006	O		B216/F2 *
PCSLC300	IONI-C		04-120	112	O	SEL3000	B204/F1
PCSLC300	04-129		04-129	003	O		B216/F6 *
PCSLC310	IONI-C		04-120	212	O	SEL3100	B204/F1
PCSLC310	04-129		04-129	004	O		B216/F6 *
PCSLC320	IONI-C		04-120	412	O	SEL3200	B204/F1
PCSLC320	04-129		04-129	005	O		B216/F6 *
PCSLC330	IONI-C		04-120	512	O	SEL3300	B204/F1
PCSLC330	04-129		04-129	006	O		B216/F6 *
PCSLD000	04-131		04-131	003	O		B217/F0 *
PCSLD000	IONI-D		04-134	110	O	SEL0000	B205/G1
PCSLD010	04-131		04-131	004	O		B217/F0 *
PCSLD010	IONI-D		04-134	210	O	SEL0100	B205/G1
PCSLD020	04-131		04-131	005	O		B217/F0 *
PCSLD020	IONI-D		04-134	310	O	SEL0200	B205/G1
PCSLD030	04-131		04-131	006	O		B217/F0 *
PCSLD030	IONI-D		04-134	410	O	SEL0300	B205/G1
PCSLD100	04-133		04-133	003	O		B217/F4 *
PCSLD100	IONI-D		04-134	510	O	SEL1000	B205/G1
PCSLD110	04-133		04-133	004	O		B217/F4 *
PCSLD110	IONI-D		04-134	011	O	SEL1100	B205/G1
PCSLD120	04-133		04-133	005	O		B217/F4 *
PCSLD120	IONI-D		04-134	111	O	SEL1200	B205/G1
PCSLD130	04-133		04-133	006	O		B217/F4 *
PCSLD130	IONI-D		04-134	211	O	SEL1300	B205/G1
PCSLD200	IONI-D		04-134	311	O	SEL2000	B205/G1
PCSLD200	04-143		04-143	003	O		B217/F8 *
PCSLD210	IONI-D		04-134	411	O	SEL2100	B205/G1
PCSLD210	04-143		04-143	004	O		B217/F8 *
PCSLD220	IONI-D		04-134	511	O	SEL2200	B205/G1
PCSLD220	04-143		04-143	005	O		B217/F8 *
PCSLD230	IONI-D		04-134	012	O	SEL2300	B205/G1
PCSLD230	04-143		04-143	006	O		B217/F8 *
PCSLD300	IONI-D		04-134	112	O	SEL3000	B205/G1
PCSLD300	04-145		04-145	003	O		B218/F3 *
PCSLD310	IONI-D		04-134	212	O	SEL3100	B205/G1
PCSLD310	04-145		04-145	004	O		B218/F3 *
PCSLD320	IONI-D		04-134	412	O	SEL3200	B205/G1
PCSLD320	04-145		04-145	005	O		B218/F3 *
PCSLD330	IONI-D		04-134	512	O	SEL3300	B205/G1
PCSLD330	04-145		04-145	006	O		B218/F3 *
PCURPR	PWRCONV		04-024	117	I	CP(-)	B101/F5
PCURPR	MSPP-032		04-032	112	IO	PCURPR	B102/E2
PCURPR	PPC		04-040	112	O	PCURPR	B103/G3
PCURPR	MSPP-048		04-048	112	IO	PCURPR	B104/F1
PCURPR	FPC		04-056	112	O	+CURPR	B105/F3
PIC1MAC0	PIC2		04-146	343	I	PIC1MAC0	B206/G3
PIC1MAC0	PMCS		04-156	343	IO	NC_PIC1MAC0	B207/G1
PIC2RST0	PIC2		04-146	056	I	CLEAR00	B206/G3
PIC2RST0	PMCS		04-156	342	I	PIC2RST02	B207/G1
RAD001	PIC2		04-146	443	O	RAD001	B206/G3
RAD001	PMCS		04-156	056	IO	NC_RAD001	B207/G1
RAD011	PIC2		04-146	444	O	RAD011	B206/G3
RAD011	PMCS		04-156	055	IO	NC_RAD011	B207/G1

63 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
RAD021	PIC2		04-146	445	O	RAD021	B206/G3
RAD021	PMCS		04-156	054	IO	NC_RAD021	B207/G1
RAD031	PIC2		04-146	446	O	RAD031	B206/G3
RAD031	PMCS		04-156	053	IO	NC_RAD031	B207/G1
RAD041	PIC2		04-146	447	O	RAD041	B206/G3
RAD041	PMCS		04-156	052	IO	NC_RAD041	B207/G1
RAD051	PIC2		04-146	448	O	RAD051	B206/G3
RAD051	PMCS		04-156	051	IO	NC_RAD051	B207/G1
RAD061	PIC2		04-146	449	O	RAD061	B206/G3
RAD061	PMCS		04-156	050	IO	NC_RAD061	B207/G1
RAD071	PIC2		04-146	450	O	RAD071	B206/G3
RAD071	PMCS		04-156	044	IO	NC_RAD071	B207/G1
RAD081	PIC2		04-146	451	O	RAD081	B206/G3
RAD081	PMCS		04-156	043	IO	NC_RAD081	B207/G1
RAD091	PIC2		04-146	452	O	RAD091	B206/G3
RAD091	PMCS		04-156	142	IO	NC_RAD091	B207/G1
RAD101	PIC2		04-146	453	O	RAD101	B206/G3
RAD101	PMCS		04-156	249	IO	NC_RAD101	B207/G1
RAD111	PIC2		04-146	454	O	RAD111	B206/G3
RAD111	PMCS		04-156	154	IO	NC_RAD111	B207/G1
RAD121	PIC2		04-146	455	O	RAD121	B206/G3
RAD121	PMCS		04-156	351	IO	NC_RAD121	B207/G1
RAD131	PIC2		04-146	456	O	RAD131	B206/G3
RAD131	PMCS		04-156	349	IO	NC_RAD131	B207/G1
REQ0BN	DDSBS		04-178	011	O	REQ0BN	B210/F3 *
REQ0BP	DDSBS		04-178	110	O	REQ0BP	B210/F3 *
REQ1BN	DDSBS		04-178	211	O	REQ1BN	B210/F3 *
REQ1BP	DDSBS		04-178	310	O	REQ1BP	B210/F3 *
RISL8A00	04-087		04-087	021	O		B212/F2 *
RISL8A00	IONI-A		04-090	416	O	RISL8000	B202/F1
RISL8A10	04-089		04-089	021	O		B212/F6 *
RISL8A1							

64	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
RISL8C20	04-127		04-127	021	O		B216/F2	*
RISL8C30	IOMI-C		04-120	117	O	RISL8300	B204/F1	
RISL8C30	04-129		04-129	021	O		B216/F6	*
RISL8D00	04-131		04-131	021	O		B217/F0	*
RISL8D00	IOMI-D		04-134	416	O	RISL8000	B205/G1	
RISL8D10	04-133		04-133	021	O		B217/F4	*
RISL8D10	IOMI-D		04-134	516	O	RISL8100	B205/G1	
RISL8D20	IOMI-D		04-134	017	O	RISL8200	B205/G1	
RISL8D20	04-143		04-143	021	O		B217/F8	*
RISL8D30	IOMI-D		04-134	117	O	RISL8300	B205/G1	
RISL8D30	04-145		04-145	021	O		B218/F3	*
RISOL0	MSPP-032		04-032	103	I	RISOL0	B102/E2	
RISOL0	04-037		04-037	021	I		B108/G4	*
RISOL0	MSPP-048		04-048	103	I	RISOL0	B104/F1	
RS1	FPCPPCCD		04-008	124	O	RS1	B101/F0	
RS1	PWRCONV		04-024	011	I	RS1	B101/F5	
RS2	FPCPPCCD		04-008	122	I	RS2	B101/F0	
RS2	PWRCONV		04-024	110	I	RS2	B101/F5	
RS3	FPCPPCCD		04-008	009	O	RS3	B101/F0	
RS3	PWRCONV		04-024	109	I	RS3	B101/F5	
RSTIMCS0	PMCS		04-156	016	I	PIC2RST01	B207/G1	
RSTIMCS0	BIC		04-170	017	O	RSTPICO0	B209/G3	
RVS	PWRCONV		04-024	018	I	SA(+)	B101/F5	
RVS	PWRCONV		04-024	118	I	SB(+)	B101/F5	
SETUP0	BIC		04-170	022	O	SETUP00	B209/G3	
SETUP0	DDSB8		04-178	022	I	SETUP10	B210/F3	
SHRTA	PWRCONV2		04-082	018	I	SA(+)	B201/F3	
SHRTA	PWRCONV2		04-082	019	I	SC(+)	B201/F3	
SISL8A00	04-086		04-086	021	O		B212/F0	*
SISL8A00	IOMI-A		04-090	217	O	SISL8000	B202/F1	
SISL8A10	04-088		04-088	021	O		B212/F4	*
SISL8A10	IOMI-A		04-090	417	O	SISL8100	B202/F1	
SISL8A20	IOMI-A		04-090	517	O	SISL8200	B202/F1	
SISL8A20	04-098		04-098	021	O		B212/F8	*
SISL8A30	IOMI-A		04-090	018	O	SISL8300	B202/F1	
SISL8A30	04-100		04-100	021	O		B213/F2	*
SISL8B00	04-102		04-102	021	O		B213/F6	*
SISL8B00	IOMI-B		04-106	217	O	SISL8000	B203/F1	
SISL8B10	04-104		04-104	021	O		B214/F0	*
SISL8B10	IOMI-B		04-106	417	O	SISL8100	B203/F1	
SISL8B20	IOMI-B		04-106	517	O	SISL8200	B203/F1	
SISL8B20	04-112		04-112	021	O		B214/F4	*
SISL8B30	IOMI-B		04-106	018	O	SISL8300	B203/F1	
SISL8B30	04-114		04-114	021	O		B214/F8	*
SISL8C00	04-116		04-116	021	O		B215/F2	*
SISL8C00	IOMI-C		04-120	217	O	SISL8000	B204/F1	
SISL8C10	04-118		04-118	021	O		B215/F6	*
SISL8C10	IOMI-C		04-120	417	O	SISL8100	B204/F1	
SISL8C20	IOMI-C		04-120	517	O	SISL8200	B204/F1	
SISL8C20	04-126		04-126	021	O		B216/F0	*
SISL8C30	IOMI-C		04-120	018	O	SISL8300	B204/F1	
SISL8C30	04-128		04-128	021	O		B216/F4	*
SISL8D00	04-130		04-130	021	O		B216/F8	*
SISL8D00	IOMI-D		04-134	217	O	SISL8000	B205/G1	
SISL8D10	04-132		04-132	021	O		B217/F2	*
SISL8D10	IOMI-D		04-134	417	O	SISL8100	B205/G1	
SISL8D20	IOMI-D		04-134	517	O	SISL8200	B205/G1	
SISL8D20	04-142		04-142	021	O		B217/F6	*
SISL8D30	IOMI-D		04-134	018	O	SISL8300	B205/G1	
SISL8D30	04-144		04-144	021	O		B218/F1	*
SISOL0	MSPP-032		04-032	003	I	SISOL0	B102/E2	
SISOL0	04-036		04-036	021	I		B108/D4	*
SISOL0	MSPP-048		04-048	003	I	SISOL0	B104/F1	
NTYTER1	PMCS		04-156	011	IO	NC_SNTYER1	B207/G1	

65	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
SNTYTER1	TCU	04-164	122	I	TST031	B208/E3	
SNTYTER1	BIC	04-170	311	O	SNTYTER01	B209/G3	
SOFTSRST0	PIC2	04-146	355	I	INT000	B206/G3	
SOFTSRST0	PMCS	04-156	006	IO	NC_SOFTSRST0	B207/G1	
SRA000	04-087	04-087	022	I		B212/F2	*
SRA000	IOMI-A	04-090	122	I	SR00IO	B202/F1	
SRA010	04-086	04-086	022	I		B212/F0	*
SRA010	IOMI-A	04-090	222	I	SR01IO	B202/F1	
SRA020	04-087	04-087	023	I		B212/F2	*
SRA020	IOMI-A	04-090	422	I	SR02IO	B202/F1	
SRA030	04-086	04-086	023	I		B212/F0	*
SRA030	IOMI-A	04-090	522	I	SR03IO	B202/F1	
SRA100	04-089	04-089	022	I		B212/F6	*
SRA100	IOMI-A	04-090	023	I	SR10IO	B202/F1	
SRA110	04-088	04-088	022	I		B212/F4	*
SRA110	IOMI-A	04-090	123	I	SR11IO	B202/F1	
SRA120	04-089	04-089	023	I		B212/F6	*
SRA120	IOMI-A	04-090	223	I	SR12IO	B202/F1	
SRA130	04-088	04-088	023	I		B212/F4	*
SRA130	IOMI-A	04-090	323	I	SR13IO	B202/F1	
SRA200	IOMI-A	04-090	423	I	SR20IO	B202/F1	
SRA200	04-099	04-099	022	I		B213/F0	*
SRA210	IOMI-A	04-090	523	I	SR21IO	B202/F1	
SRA210	04-098	04-098	022	I		B212/F8	*
SRA220	IOMI-A	04-090	024	I	SR22IO	B202/F1	
SRA220	04-099	04-099	023	I		B213/F0	*
SRA230	IOMI-A	04-090	124	I	SR23IO	B202/F1	
SRA230	04-098	04-098	023	I		B212/F8	*
SRA300	IOMI-A	04-090	324	I	SR30IO	B202/F1	
SRA300	04-101	04-101	022	I		B213/F4	*
SRA310	IOMI-A	04-090	232	I	SR31IO	B202/F1	
SRA310	04-100	04-100	022	I		B213/F2	*
SRA320	IOMI-A	04-090	432	I	SR32IO	B202/F1	
SRA320	04-101	04-101	023	I		B213/F4	*
SRA330	IOMI-A	04-090	532	I	SR33IO	B202/F1	
SRA330	04-100	04-100	023	I		B213/F2	*
SRB000	04-103	04-103	022	I		B213/F8	*
SRB000	IOMI-B	04-106	122	I	SR00IO	B203/F1	
SRB010	04-102	04-102	022	I		B213/F6	*
SRB010	IOMI-B	04-106	222	I	SR01IO	B203/F1	
SRB020	04-103	04-103	023	I		B213/F8	*
SRB020	IOMI-B	04-106	422	I	SR02IO	B203/F1	
SRB030	04-102	04-102	023	I		B213/F6	*
SRB030	IOMI-B	04-106	522	I	SR03IO	B203/F1	
SRB100	04-105	04-105	022	I		B214/F2	*
SRB100	IOMI-B	04-106	023	I	SR10IO	B203/F1	
SRB110	04-104	04-104	022	I		B214/F0	*
SRB110	IOMI-B	04-106	123	I	SR11IO	B203/F1	
SRB120	04-105	04-105	023	I		B214/F2	*
SRB120	IOMI-B	04-106	223	I	SR12IO	B203/F1	
SRB130	04-104	04-104	023	I		B214/F0	*
SRB130	IOMI-B	04-106	323	I	SR13IO	B203/F1	
SRB200	IOMI-B	04-106	423	I	SR20IO	B203/F1	
SRB200	04-113	04-113	022	I		B214/F6	*
SRB210	IOMI-B	04-106	523	I	SR21IO	B203/F1	
SRB210	04-112	04-112	022	I		B214/F4	*
SRB220	IOMI-B	04-106	024	I	SR22IO	B203/F1	
SRB220	04-113	04-113	023	I		B214/F6	*
SRB230	IOMI-B	04-106	124	I	SR23IO	B203/F1	
SRB230	04-112	04-112	023	I		B214/F4	*
SRB300	IOMI-B	04-106	324	I	SR30IO	B203/F1	
SRB300	04-115	04-115	022	I		B215/F0	*
SRB310	IOMI-B	04-106	232	I	SR31IO	B203/F1	
SRB310	04-114	04-114	022	I		B214/F8	*

66	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRNMOD	SYNLOC	XT
SRB320 SRB320	IOMI-B 04-115	04-106 04-115	432 023	I I	SR3210	B203/F1 B215/F0	*	
SRB330 SRB330	IOMI-B 04-114	04-106 04-114	532 023	I I	SR3310	B203/F1 B214/F8	*	
SRC000 SRC000	04-117 IOMI-C	04-117 04-120	022 122	I I	SR0010	B215/F4 B204/F1	*	
SRC01 SRC01 SRC01 SRC01 SRC01 SRC01	IOMI-A IOMI-B IOMI-C IOMI-D PIC2 BIC	04-090 04-106 04-120 04-134 04-146 04-170	008 008 008 008 106 106	I I I I O I	SRC011 SRC011 SRC011 SRC011 SOURCE01 SRC011	B202/F1 B203/F1 B204/F1 B205/G1 B206/G3 B209/G3		
SRC010 SRC010	04-116 IOMI-C	04-116 04-120	022 222	I I	SR0110	B215/F2 B204/F1	*	
SRC020 SRC020	04-117 IOMI-C	04-117 04-120	023 422	I I	SR0210	B215/F4 B204/F1	*	
SRC030 SRC030	04-116 IOMI-C	04-116 04-120	023 522	I I	SR0310	B215/F2 B204/F1	*	
SRC100 SRC100	04-119 IOMI-C	04-119 04-120	022 023	I I	SR1010	B215/F8 B204/F1	*	
SRC11 SRC11 SRC11 SRC11 SRC11 SRC11	IOMI-A IOMI-B IOMI-C IOMI-D PIC2 BIC	04-090 04-106 04-120 04-134 04-146 04-170	108 108 108 108 306 306	I I I I O I	SRC111 SRC111 SRC111 SRC111 SOURCE11 SRC111	B202/F1 B203/F1 B204/F1 B205/G1 B206/G3 B209/G3		
SRC110 SRC110	04-118 IOMI-C	04-118 04-120	022 123	I I	SR1110	B215/F6 B204/F1	*	
SRC120 SRC120	04-119 IOMI-C	04-119 04-120	023 223	I I	SR1210	B215/F8 B204/F1	*	
SRC130 SRC130	04-118 IOMI-C	04-118 04-120	023 323	I I	SR1310	B215/F6 B204/F1	*	
SRC200 SRC200	IOMI-C 04-127	04-120 04-127	423 022	I I	SR2010	B204/F1 B216/F2	*	
SRC21 SRC21 SRC21 SRC21 SRC21 SRC21	IOMI-A IOMI-B IOMI-C IOMI-D PIC2 BIC	04-090 04-106 04-120 04-134 04-146 04-170	208 208 208 208 007 007	I I I I O I	SRC211 SRC211 SRC211 SRC211 SOURCE21 SRC211	B202/F1 B203/F1 B204/F1 B205/G1 B206/G3 B209/G3		
SRC210 SRC210	IOMI-C 04-126	04-120 04-126	523 022	I I	SR2110	B204/F1 B216/F0	*	
SRC220 SRC220	IOMI-C 04-127	04-120 04-127	024 023	I I	SR2210	B204/F1 B216/F2	*	
SRC230 SRC230	IOMI-C 04-126	04-120 04-126	124 023	I I	SR2310	B204/F1 B216/F0	*	
SRC240 SRC240	PIC2 PMCS	04-146 04-156	408 510	O I	SR240 SRC240	B206/G3 B207/G1		
SRC250 SRC250	PIC2 PMCS	04-146 04-156	407 407	O I	SR250 SRC250	B206/G3 B207/G1		
SRC300 SRC300	IOMI-C 04-129	04-120 04-129	324 022	I I	SR3010	B204/F1 B216/F6	*	
SRC31 SRC31 SRC31	IOMI-A IOMI-B IOMI-C	04-090 04-106 04-120	308 308 308	I I I	SRC311 SRC311 SRC311	B202/F1 B203/F1 B204/F1		

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MESSAGE SWITCH CONTROL UNIT MODEL 2			
		DWG SIZE C2	ISSUE 5M
Lucent Technologies	SD-5D077-01		SHEET A28

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67 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYNLOC	XT
SRC31	IONI-D	04-134	308	I	SRC31I	B205/G1	
SRC31	PIC2	04-146	207	O	SOURCE31	B206/G3	
SRC31	BIC	04-170	207	I	SRC31I	B209/G3	
SRC310	IONI-C	04-120	232	I	SR31I0	B204/F1	
SRC310	04-128	04-128	022	I		B216/F4	*
SRC320	IONI-C	04-120	432	I	SR32I0	B204/F1	
SRC320	04-129	04-129	023	I		B216/F6	*
SRC330	IONI-C	04-120	532	I	SR33I0	B204/F1	
SRC330	04-128	04-128	023	I		B216/F4	*
SRC41	IONI-A	04-090	408	I	SRC41I	B202/F1	
SRC41	IONI-B	04-106	408	I	SRC41I	B203/F1	
SRC41	IONI-C	04-120	408	I	SRC41I	B204/F1	
SRC41	IONI-D	04-134	408	I	SRC41I	B205/G1	
SRC41	PIC2	04-146	307	O	SOURCE41	B206/G3	
SRC41	BIC	04-170	307	I	SRC41I	B209/G3	
SRCPMCS1	PIC2	04-146	401	I	OFF1	B206/G3	
SRCPMCS1	PMCS	04-156	401	I	SRCPMCS1	B207/G1	
SRCWRH1	PIC2	04-146	538	I	SRCWRH1	B206/G3	
SRCWRH1	PMCS	04-156	538	IO	NC_SRCWRH1	B207/G1	
SRCWRL1	PIC2	04-146	539	I	SRCWRL1	B206/G3	
SRCWRL1	PMCS	04-156	539	IO	NC_SRCWRL1	B207/G1	
SRD000	04-131	04-131	022	I		B217/F0	*
SRD000	IONI-D	04-134	122	I	SR00I0	B205/G1	
SRD010	04-130	04-130	022	I		B216/F8	*
SRD010	IONI-D	04-134	222	I	SR01I0	B205/G1	
SRD020	04-131	04-131	023	I		B217/F0	*
SRD020	IONI-D	04-134	422	I	SR02I0	B205/G1	
SRD030	04-130	04-130	023	I		B216/F8	*
SRD030	IONI-D	04-134	522	I	SR03I0	B205/G1	
SRD100	04-133	04-133	022	I		B217/F4	*
SRD100	IONI-D	04-134	023	I	SR10I0	B205/G1	
SRD110	04-132	04-132	022	I		B217/F2	*
SRD110	IONI-D	04-134	123	I	SR11I0	B205/G1	
SRD120	04-133	04-133	023	I		B217/F4	*
SRD120	IONI-D	04-134	223	I	SR12I0	B205/G1	
SRD130	04-132	04-132	023	I		B217/F2	*
SRD130	IONI-D	04-134	323	I	SR13I0	B205/G1	
SRD200	IONI-D	04-134	423	I	SR20I0	B205/G1	
SRD200	04-143	04-143	022	I		B217/F8	*
SRD210	IONI-D	04-134	523	I	SR21I0	B205/G1	
SRD210	04-142	04-142	022	I		B217/F6	*
SRD220	IONI-D	04-134	024	I	SR22I0	B205/G1	
SRD220	04-143	04-143	023	I		B217/F8	*
SRD230	IONI-D	04-134	124	I	SR23I0	B205/G1	
SRD230	04-142	04-142	023	I		B217/F6	*
SRD300	IONI-D	04-134	324	I	SR30I0	B205/G1	
SRD300	04-145	04-145	022	I		B218/F3	*
SRD310	IONI-D	04-134	232	I	SR31I0	B205/G1	
SRD310	04-144	04-144	022	I		B218/F1	*
SRD320	IONI-D	04-134	432	I	SR32I0	B205/G1	
SRD320	04-145	04-145	023	I		B218/F3	*
SRD330	IONI-D	04-134	532	I	SR33I0	B205/G1	
SRD330	04-144	04-144	023	I		B218/F1	*
SST0	BIC	04-170	318	I	SSTI0	B209/G3	
SST0	DDSBs	04-178	318	O	SST00	B210/F3	
STOPCLK0	PMCS	04-156	150	I	STOPCLK0	B207/G1	
STOPCLK0	TCU	04-164	050	IO	INHCK00	B208/E3	
SYNCO	BIC	04-170	221	O	SYNCO0	B209/G3	
SYNCO	DDSBs	04-178	221	I	SYNCO	B210/F3	
TMRINT0	PIC2	04-146	237	I	INT120	B206/G3	
TMRINT0	PMCS	04-156	010	IO	NC_TMRINT0	B207/G1	
TMRINT0	TCU	04-164	322	I	TST041	B208/E3	
TMRINT0	BIC	04-170	310	O	TMRINT00	B209/G3	
UAB001	PIC2	04-146	344	O	UAB001	B206/G3	
UAB001	PMCS	04-156	344	I	UAB001	B207/G1	
UAB001	TCU	04-164	344	I	UAB001	B208/E3	
UAB011	PIC2	04-146	045	O	UAB011	B206/G3	

68 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYNLOC	XT
UAB011	PMCS	04-156	045	I	UAB011	B207/G1	
UAB011	TCU	04-164	045	I	UAB011	B208/E3	
UAB021	PIC2	04-146	245	O	UAB021	B206/G3	
UAB021	PMCS	04-156	245	I	UAB021	B207/G1	
UAB021	TCU	04-164	245	I	UAB021	B208/E3	
UAB031	PIC2	04-146	345	O	UAB031	B206/G3	
UAB031	PMCS	04-156	345	I	UAB031	B207/G1	
UAB031	TCU	04-164	345	I	UAB031	B208/E3	
UAB041	PIC2	04-146	046	O	UAB041	B206/G3	
UAB041	PMCS	04-156	046	I	UAB041	B207/G1	
UAB041	TCU	04-164	046	I	UAB041	B208/E3	
UAB051	PIC2	04-146	146	O	UAB051	B206/G3	
UAB051	PMCS	04-156	146	I	UAB051	B207/G1	
UAB051	TCU	04-164	146	I	UAB051	B208/E3	
UAB061	PIC2	04-146	346	O	UAB061	B206/G3	
UAB061	PMCS	04-156	346	I	UAB061	B207/G1	
UAB061	TCU	04-164	346	I	UAB061	B208/E3	
UAB071	PIC2	04-146	047	O	UAB071	B206/G3	
UAB071	PMCS	04-156	047	I	UAB071	B207/G1	
UAB071	TCU	04-164	047	I	UAB071	B208/E3	
UAB081	PIC2	04-146	247	O	UAB081	B206/G3	
UAB081	PMCS	04-156	247	I	UAB081	B207/G1	
UAB081	TCU	04-164	247	I	UAB081	B208/E3	
UAB091	PIC2	04-146	347	O	UAB091	B206/G3	
UAB091	PMCS	04-156	347	I	UAB091	B207/G1	
UAB091	TCU	04-164	347	I	UAB091	B208/E3	
UAB101	PIC2	04-146	048	O	UAB101	B206/G3	
UAB101	PMCS	04-156	048	I	UAB101	B207/G1	
UAB101	TCU	04-164	048	I	UAB101	B208/E3	
UAB111	PIC2	04-146	148	O	UAB111	B206/G3	
UAB111	PMCS	04-156	148	I	UAB111	B207/G1	
UAB111	TCU	04-164	148	I	UAB111	B208/E3	
UAB121	PIC2	04-146	348	O	UAB121	B206/G3	
UAB121	PMCS	04-156	348	I	UAB121	B207/G1	
UAB121	TCU	04-164	348	I	UAB121	B208/E3	
UAB131	PIC2	04-146	049	O	UAB131	B206/G3	
UAB131	PMCS	04-156	049	I	UAB131	B207/G1	
UAB131	TCU	04-164	049	I	UAB131	B208/E3	
UAB141	PIC2	04-146	249	O	UAB141	B206/G3	
UAB141	TCU	04-164	249	I	UAB141	B208/E3	
UAB151	PIC2	04-146	349	O	UAB151	B206/G3	
UAB151	TCU	04-164	349	I	UAB151	B208/E3	
UDB001	PIC2	04-146	017	I	UDB001	B206/G3	
UDB001	PMCS	04-156	017	I	UDB001	B207/G1	
UDB011	PIC2	04-146	217	I	UDB011	B206/G3	
UDB011	PMCS	04-156	217	I	UDB011	B207/G1	
UDB021	PIC2	04-146	317	I	UDB021	B206/G3	
UDB021	PMCS	04-156	317	I	UDB021	B207/G1	
UDB031	PIC2	04-146	018	I	UDB031	B206/G3	
UDB031	PMCS	04-156	018	I	UDB031	B207/G1	
UDB041	PIC2	04-146	118	I	UDB041	B206/G3	
UDB041	PMCS	04-156	118	I	UDB041	B207/G1	
UDB051	PIC2	04-146	318	I	UDB051	B206/G3	
UDB051	PMCS	04-156	318	I	UDB051	B207/G1	
UDB061	PIC2	04-146	019	I	UDB061	B206/G3	
UDB061	PMCS	04-156	019	I	UDB061	B207/G1	
UDB071	PIC2	04-146	219	I	UDB071	B206/G3	
UDB071	PMCS	04-156	219	I	UDB071	B207/G1	
UDB081	PIC2	04-146	319	I	UDB081	B206/G3	
UDB081	PMCS	04-156	319	I	UDB081	B207/G1	
UDB091	PIC2	04-146	020	I	UDB091	B206/G3	
UDB091	PMCS	04-156	020	I	UDB091	B207/G1	
UDB101	PIC2	04-146	120	I	UDB101	B206/G3	
UDB101	PMCS	04-156	120	I	UDB101	B207/G1	
UDB111	PIC2	04-146	320	I	UDB111	B206/G3	
UDB111	PMCS	04-156	320	I	UDB111	B207/G1	
UDB121	PIC2	04-146	021	I	UDB121	B206/G3	
UDB121	PMCS	04-156	021	I	UDB121	B207/G1	

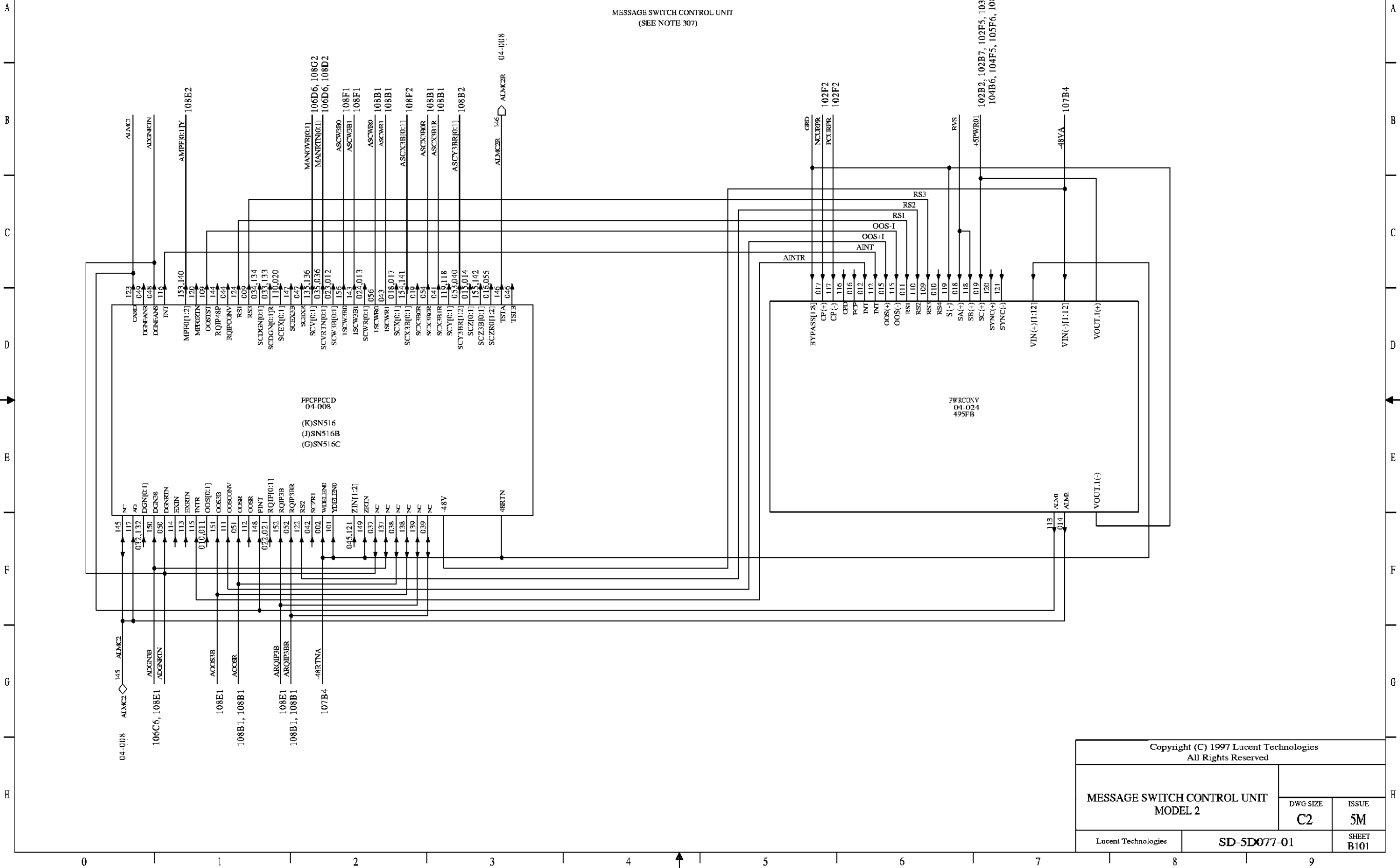
69		LEAD INDEX (CONTINUED)					
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYNLOC	XT
UDB131	PIC2	04-146	221	I	UDB131	B206/G3	
UDB131	PMCS	04-156	221	I	UDB131	B207/G1	
UDB141	PIC2	04-146	321	I	UDB141	B206/G3	
UDB141	PMCS	04-156	321	I	UDB141	B207/G1	
UDB151	PIC2	04-146	022	I	UDB151	B206/G3	
UDB151	PMCS	04-156	022	I	UDB151	B207/G1	
UDB161	PIC2	04-146	122	I	UDB161	B206/G3	
UDB161	PMCS	04-156	122	I	UDB161	B207/G1	
UDB171	PIC2	04-146	322	I	UDB171	B206/G3	
UDB171	PMCS	04-156	322	I	UDB171	B207/G1	
UDB181	PIC2	04-146	023	I	UDB181	B206/G3	
UDB181	PMCS	04-156	023	I	UDB181	B207/G1	
UDB191	PIC2	04-146	223	I	UDB191	B206/G3	
UDB191	PMCS	04-156	223	I	UDB191	B207/G1	
UDB201	PIC2	04-146	323	I	UDB201	B206/G3	
UDB201	PMCS	04-156	323	I	UDB201	B207/G1	
UDB211	PIC2	04-146	024	I	UDB211	B206/G3	
UDB211	PMCS	04-156	024	I	UDB211	B207/G1	
UDB221	PIC2	04-146	132	I	UDB221	B206/G3	
UDB221	PMCS	04-156	132	I	UDB221	B207/G1	
UDB231	PIC2	04-146	033	I	UDB231	B206/G3	
UDB231	PMCS	04-156	033	I	UDB231	B207/G1	
UDB241	PIC2	04-146	233	I	UDB241	B206/G3	
UDB241	PMCS	04-156	233	I	UDB241	B207/G1	
UDB251	PIC2	04-146	333	I	UDB251	B206/G3	
UDB251	PMCS	04-156	333	I	UDB251	B207/G1	
UDB261	PIC2	04-146	034	I	UDB261	B206/G3	
UDB261	PMCS	04-156	034	I	UDB261	B207/G1	
UDB271	PIC2	04-146	134	I	UDB271	B206/G3	
UDB271	PMCS	04-156	134	I	UDB271	B207/G1	
UDB281	PIC2	04-146	334	I	UDB281	B206/G3	
UDB281	PMCS	04-156	334	I	UDB281	B207/G1	
UDB291	PIC2	04-146	035	I	UDB291	B206/G3	
UDB291	PMCS	04-156	035	I	UDB291	B207/G1	
UDB301	PIC2	04-146	235	I	UDB301	B206/G3	
UDB301	PMCS	04-156	235	I	UDB301	B207/G1	
UDB311	PIC2	04-146	335	I	UDB311	B206/G3	
UDB311	PMCS	04-156	335	I	UDB311	B207/G1	
UDB321	PIC2	04-146	039	I	UDB321	B206/G3	
UDB321	PMCS	04-156	036	I	UDB321	B207/G1	
UDB331	PIC2	04-146	140	I	UDB331	B206/G3	
UDB331	PMCS	04-156	136	I	UDB331	B207/G1	
UDB341	PIC2	04-146	239	I	UDB341	B206/G3	
UDB341	PMCS	04-156	336	I	UDB341	B207/G1	
UDB351	PIC2	04-146	338	I	UDB351	B206/G3	
UDB351	PMCS	04-156	037	I	UDB351	B207/G1	
UDB361	PIC2	04-146	313	I	UDB361	B206/G3	
UDB361	PMCS	04-156	237	I	UDB361	B207/G1	
UDB371	PIC2	04-146	314	I	UDB371	B206/G3	
UDB371	PMCS	04-156	337	I	UDB371	B207/G1	
UDB381	PIC2	04-146	315	I	UDB381	B206/G3	

70	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
UDB381	PMCS	04-156	038	I	UDB381	B207/G1	
UDB391	PIC2	04-146	316	I	UDB391	B206/G3	
UDB391	PMCS	04-156	138	I	UDB391	B207/G1	
UDB401	PIC2	04-146	213	I	UDB401	B206/G3	
UDB401	PMCS	04-156	338	I	UDB401	B207/G1	
UDB411	PIC2	04-146	215	I	UDB411	B206/G3	
UDB411	PMCS	04-156	039	I	UDB411	B207/G1	
UDB421	PIC2	04-146	114	I	UDB421	B206/G3	
UDB421	PMCS	04-156	239	I	UDB421	B207/G1	
UDB431	PIC2	04-146	116	I	UDB431	B206/G3	
UDB431	PMCS	04-156	339	I	UDB431	B207/G1	
UDB441	PIC2	04-146	013	I	UDB441	B206/G3	
UDB441	PMCS	04-156	140	I	UDB441	B207/G1	
UDB451	PIC2	04-146	014	I	UDB451	B206/G3	
UDB451	PMCS	04-156	340	I	UDB451	B207/G1	
UDB461	PIC2	04-146	015	I	UDB461	B206/G3	
UDB461	PMCS	04-156	041	I	UDB461	B207/G1	
UDB471	PIC2	04-146	016	I	UDB471	B206/G3	
UDB471	PMCS	04-156	241	I	UDB471	B207/G1	
UNIXRCV	PMCS	04-156	253	IO	NC_UNIXRCV1	B207/G1	
UNIXRCV	PMCS	04-156	421	IO	NC_UNIXRCV2	B207/G1	
UNIXTRM	PMCS	04-156	255	IO	NC_UNIXTRM1	B207/G1	
UNIXTRM	PMCS	04-156	423	IO	NC_UNIXTRM2	B207/G1	
XCLK0IN	DDSBS	04-178	008	I	XCLK0IN	B210/F3	*
XCLK0IP	DDSBS	04-178	107	I	XCLK0IP	B210/F3	*
XCLK1IN	DDSBS	04-178	208	I	XCLK1IN	B210/F3	*
XCLK1IP	DDSBS	04-178	307	I	XCLK1IP	B210/F3	*
XFER0	BIC	04-170	021	O	XFER00	B209/G3	
XFER0	DDSBS	04-178	021	I	XFER10	B210/F3	
ZERO1	PIC2	04-146	012	O	ZERO1	B206/G3	
ZERO1	PMCS	04-156	012	IO	NC_ZERO1	B207/G1	

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	DWG SIZE C2	ISSUE 5M
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PART OF FS 1

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MESSAGE SWITCH CONTROL UNIT MODEL 2	DWG SIZE	ISSUE
	C2	5M
Lucent Technologies	SD-5D077-01	
		SHEET B101

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(SEE NOTE 307)



MESSAGE SWITCH CONTROL UNIT
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PART OF FS 1

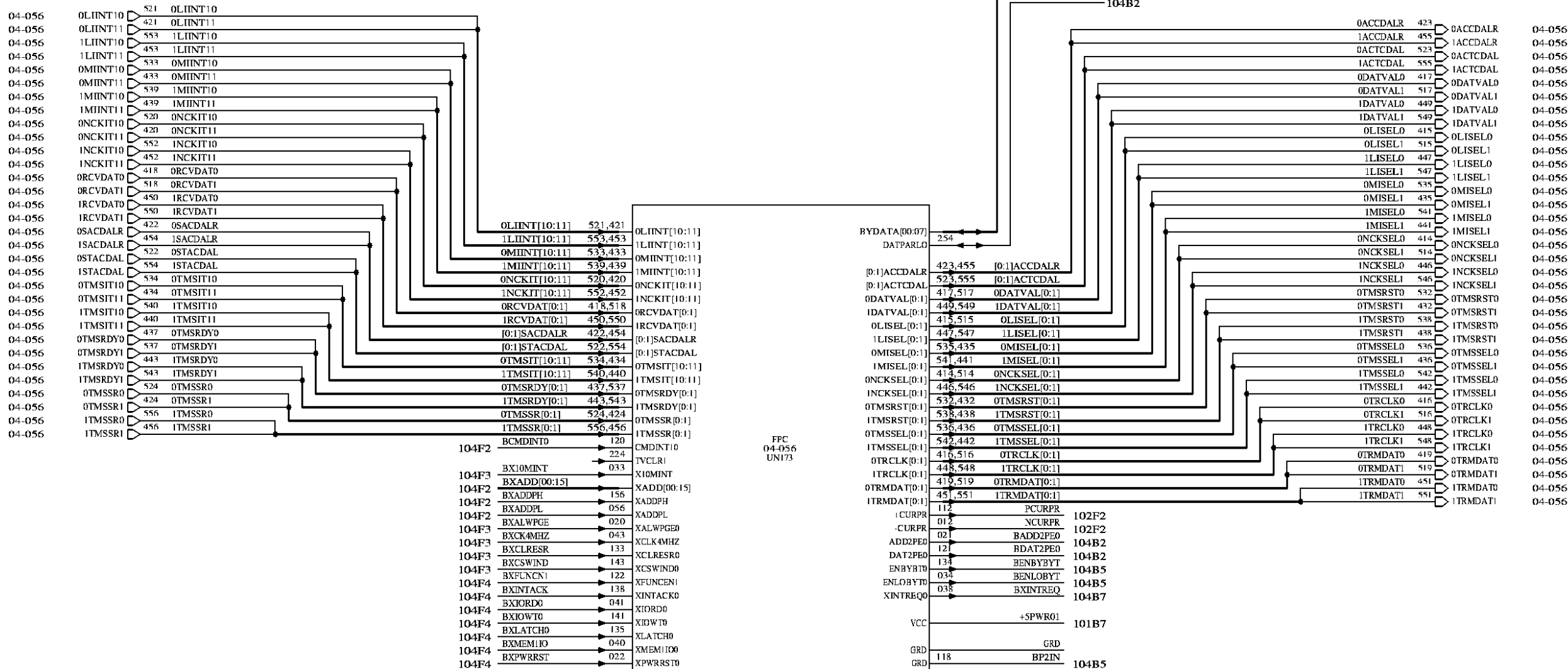
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MSPP-048
04-048
(N)TN856B
(M)TN856C

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	C2	5M
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		SHEET B104

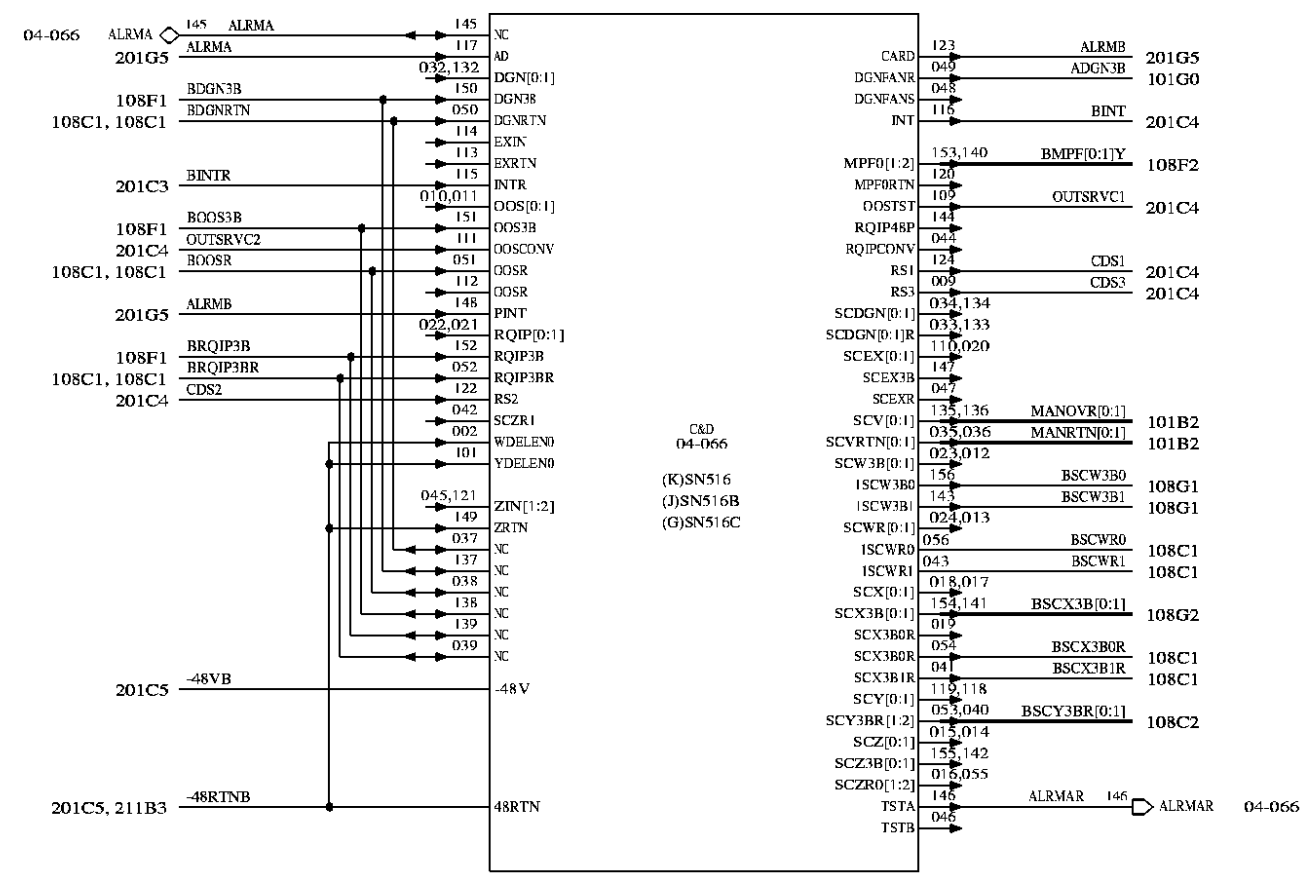
PART OF FS 1

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(SEE NOTE 307)



PART OF FS 1

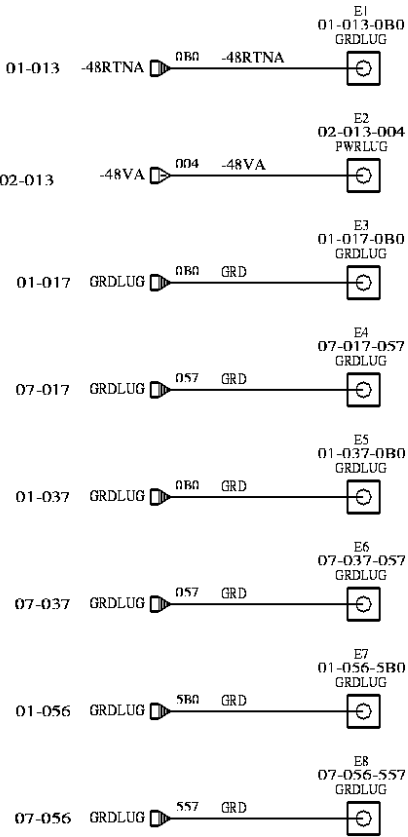
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	C2	5M
Lucent Technologies	SD-5D077-01	
	SHEET	B106

PART OF FS 1

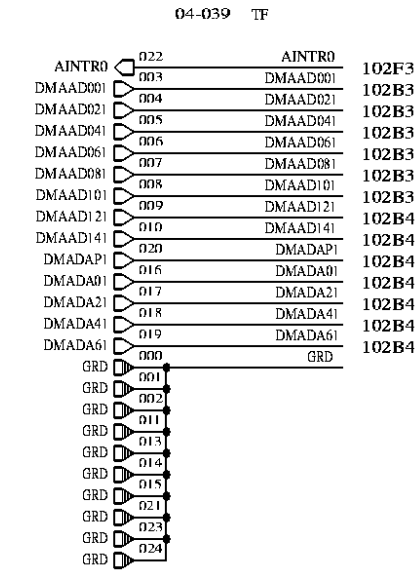
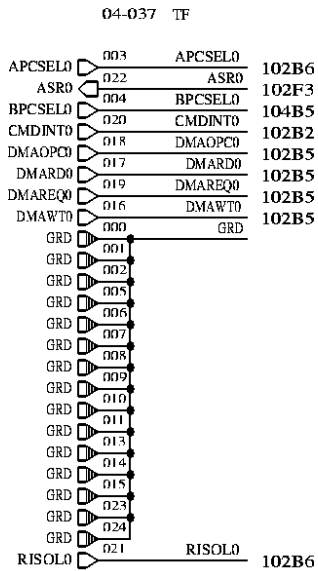
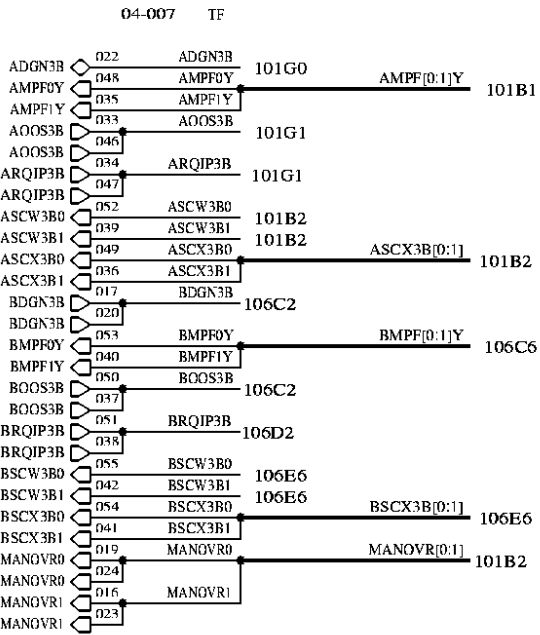
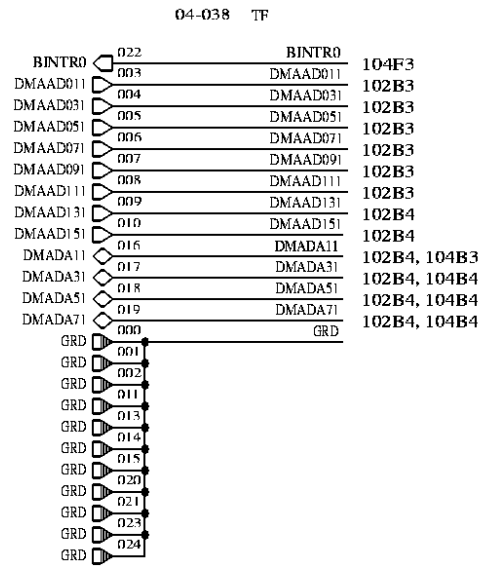
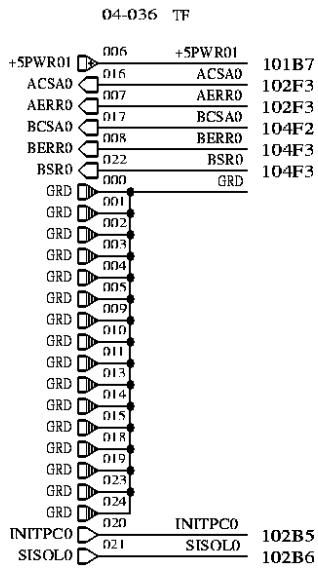
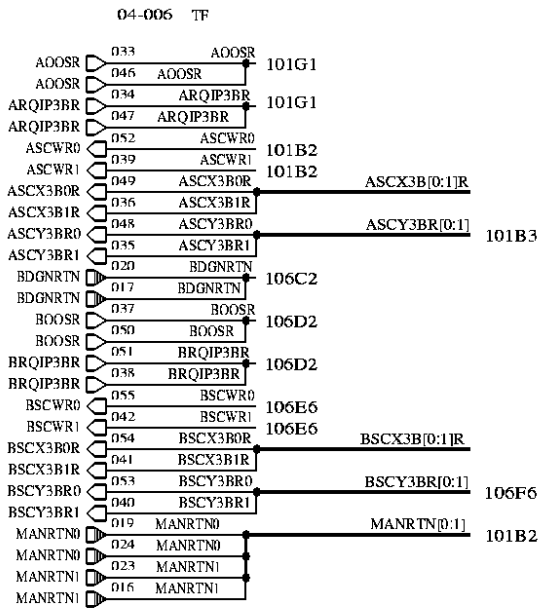
POWER AND GROUND LUGS



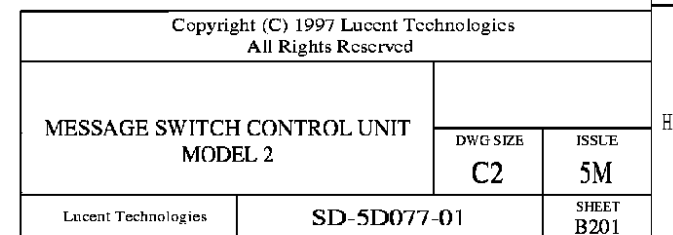
Copyright (C) 1997 Lucent Technologies All Rights Reserved		
MESSAGE SWITCH CONTROL UNIT MODEL 2	DWG SIZE	ISSUE
	C2	5M
Lucent Technologies	SD-5D077-01	
		SHEET B107

PART OF FS 1

MESSAGE SWITCH CONTROL UNIT
(SEE NOTE 307)

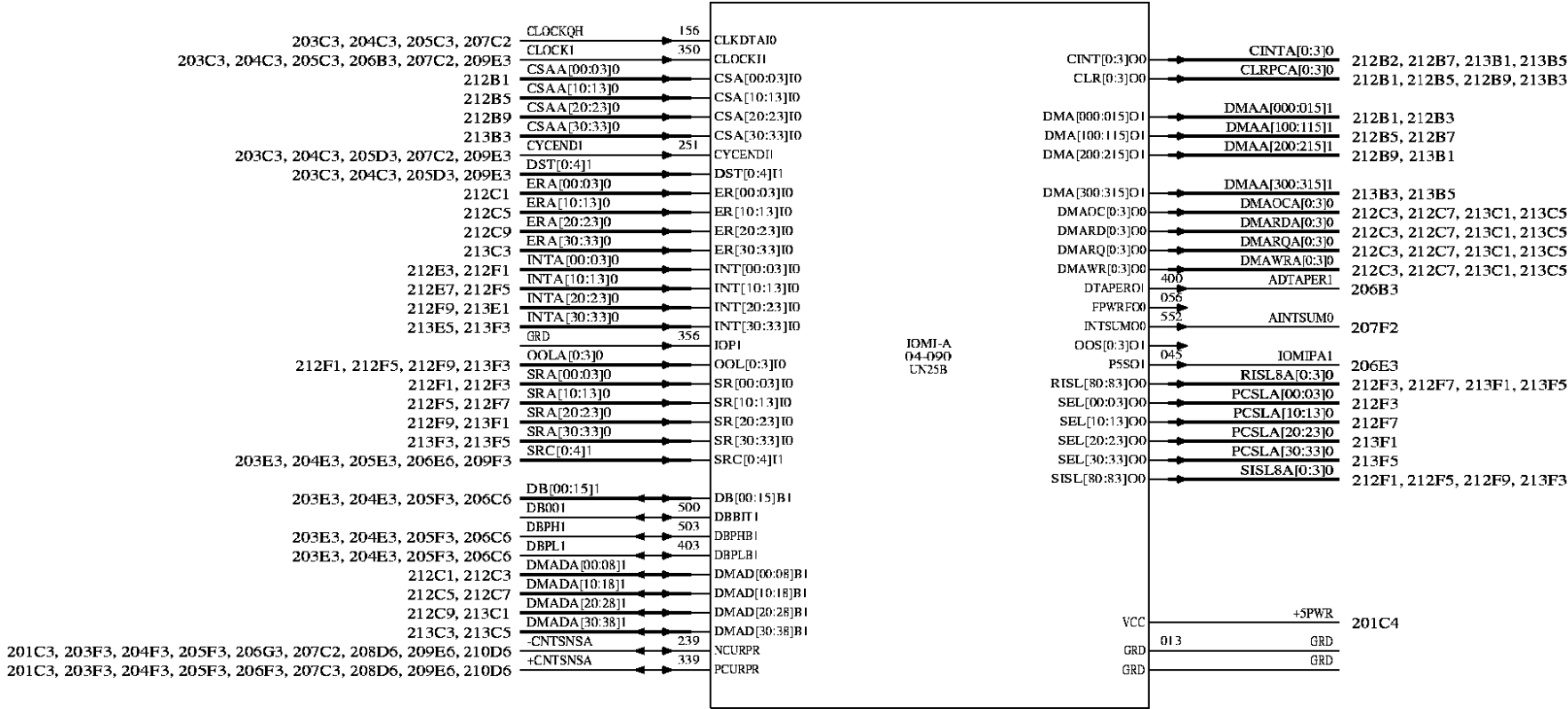


MESSAGE SWITCH CONTROL UNIT
(SEE NOTE 307)



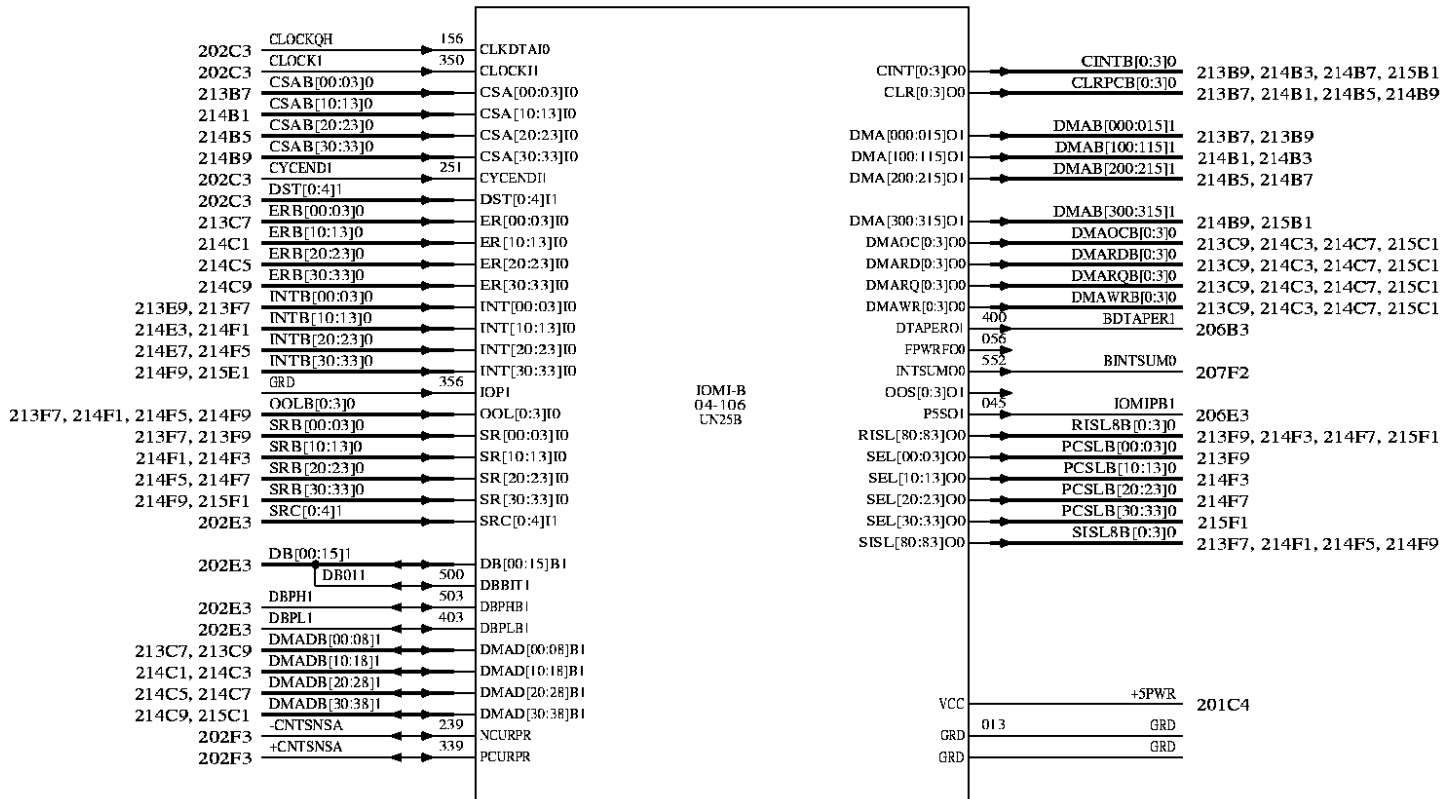
PART OF FS 2

MESSAGE SWITCH CONTROL UNIT
(SEE NOTE 307)



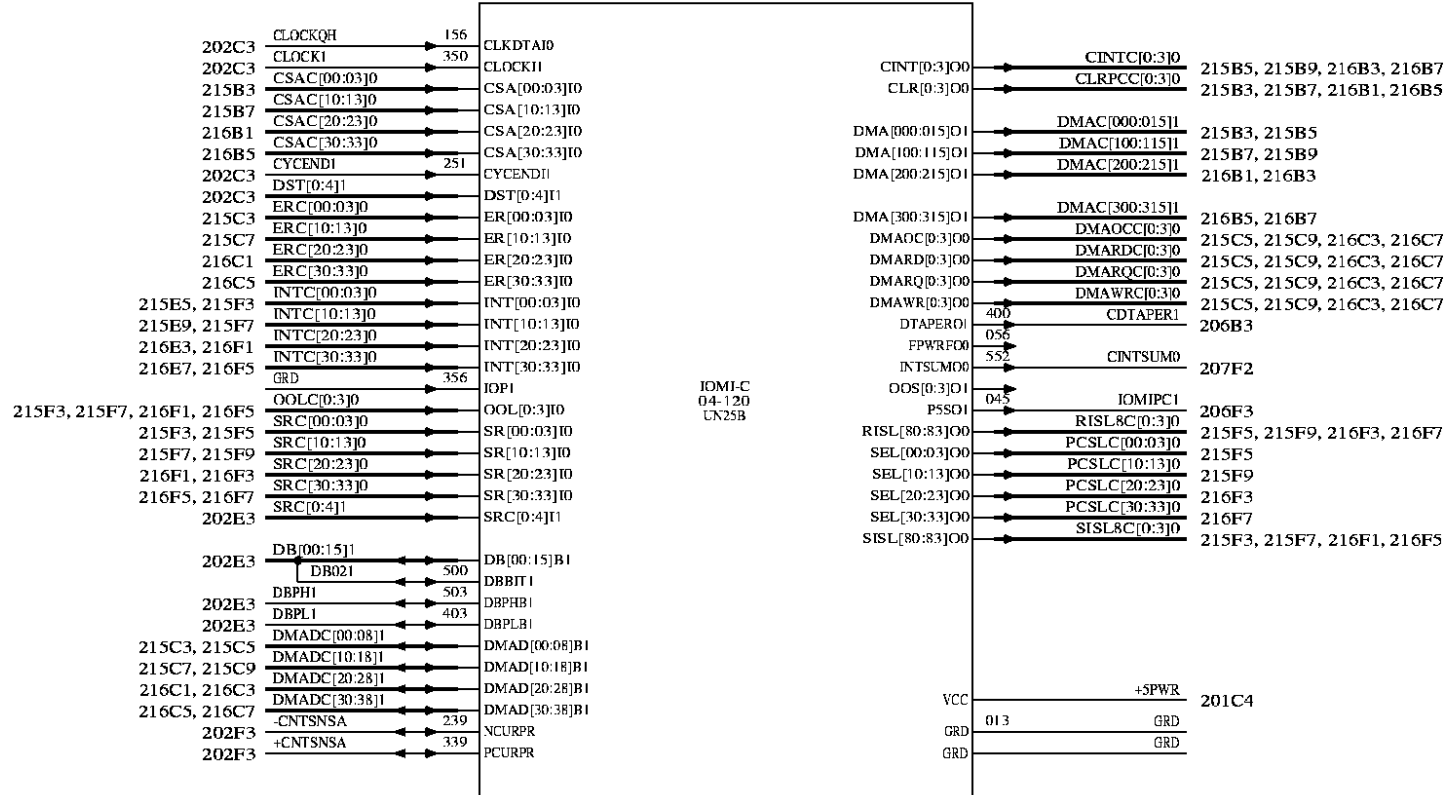
PART OF FS 2

MESSAGE SWITCH CONTROL UNIT
(SEE NOTE 307)



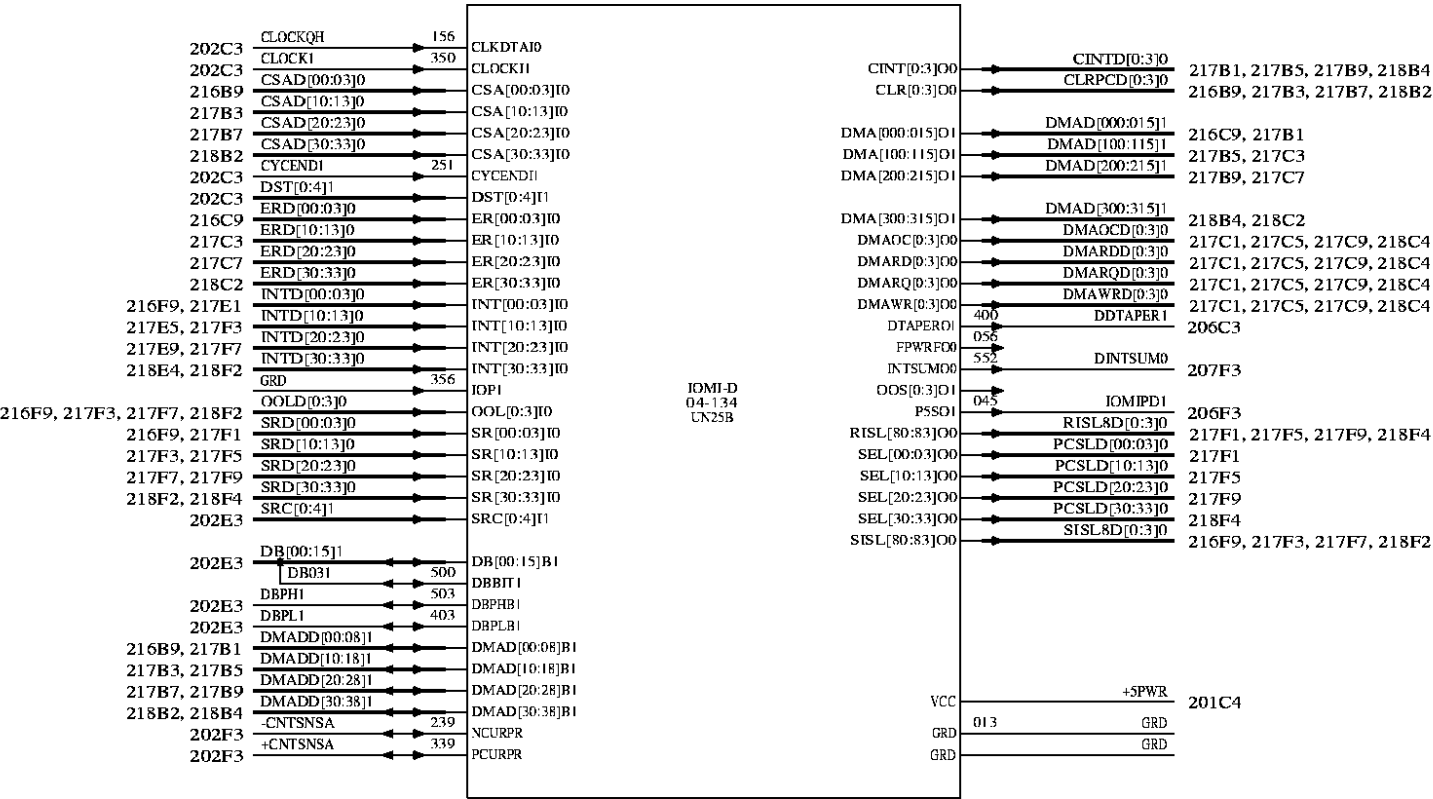
PART OF FS 2

MESSAGE SWITCH CONTROL UNIT
(SEE NOTE 307)

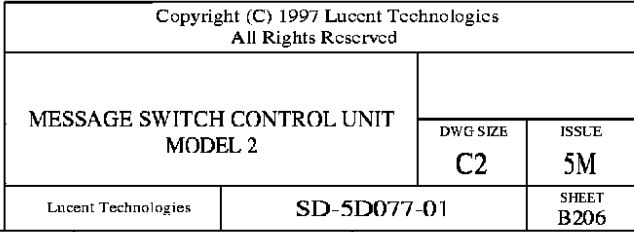


PART OF FS 2

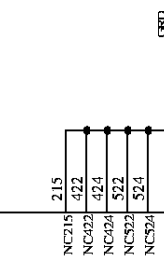
MESSAGE SWITCH CONTROL UNIT
(SEE NOTE 302)



MESSAGE SWITCH CONTROL UNIT
(SEE NOTE 307)

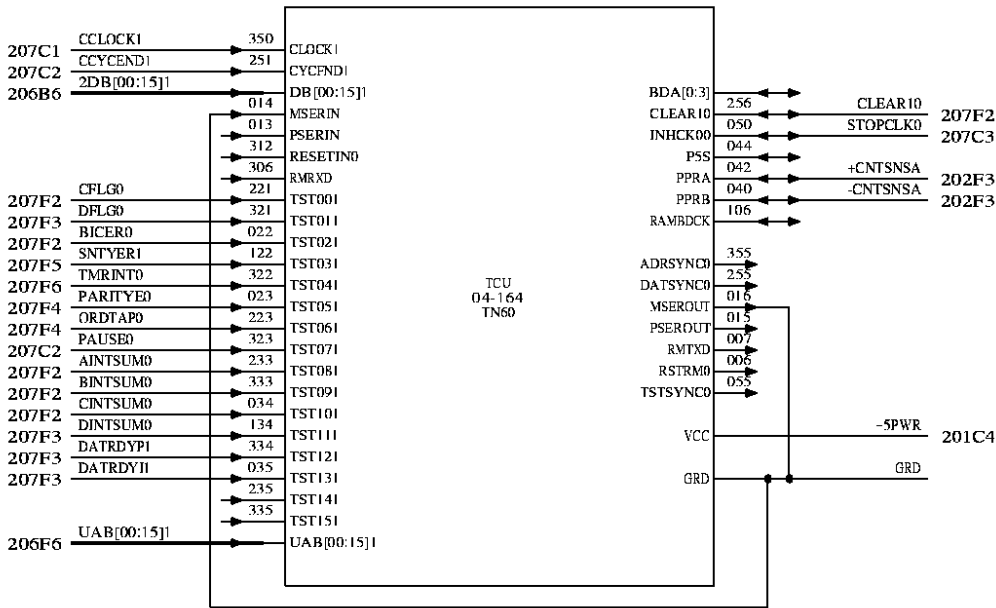


MESSAGE SWITCH CONTROL UNIT
(SEE NOTE 307)



PART OF FS 2

MESSAGE SWITCH CONTROL UNIT
(SEE NOTE 307)



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MESSAGE SWITCH CONTROL UNIT
MODEL 2

DWG SIZE
C2

ISSUE
5M

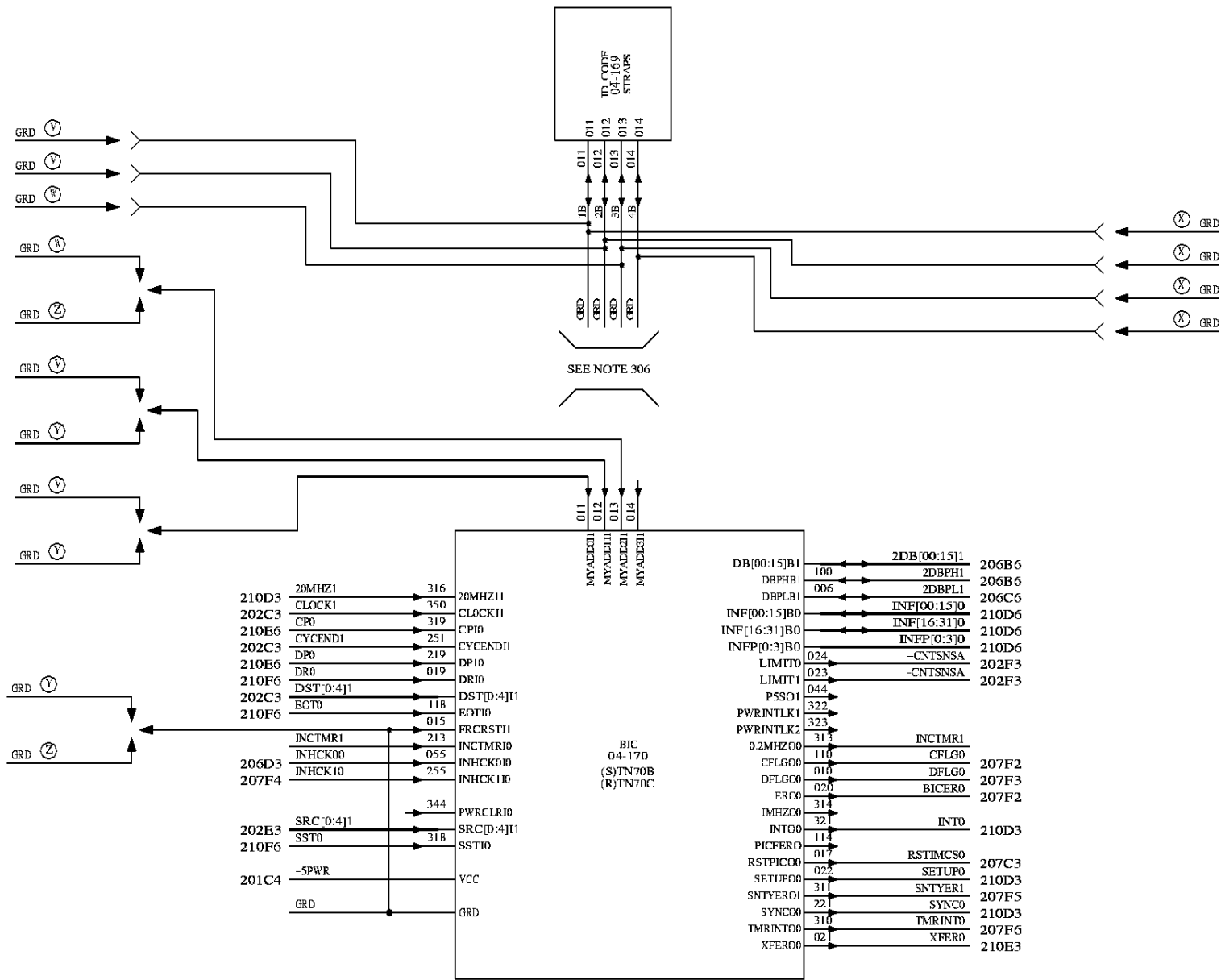
Lucent Technologies

SD-5D077-01

SHEET
B208

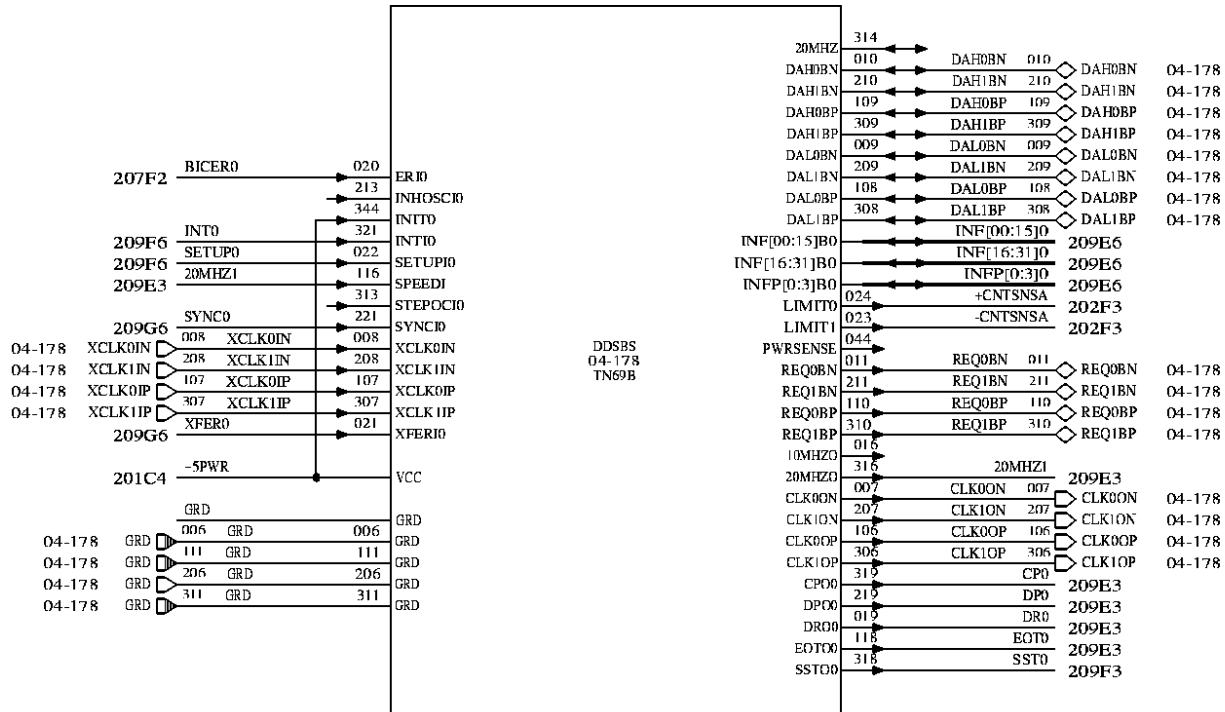
PART OF FS 2

MESSAGE SWITCH CONTROL UNIT
(SEE NOTE 307)



PART OF FS 2

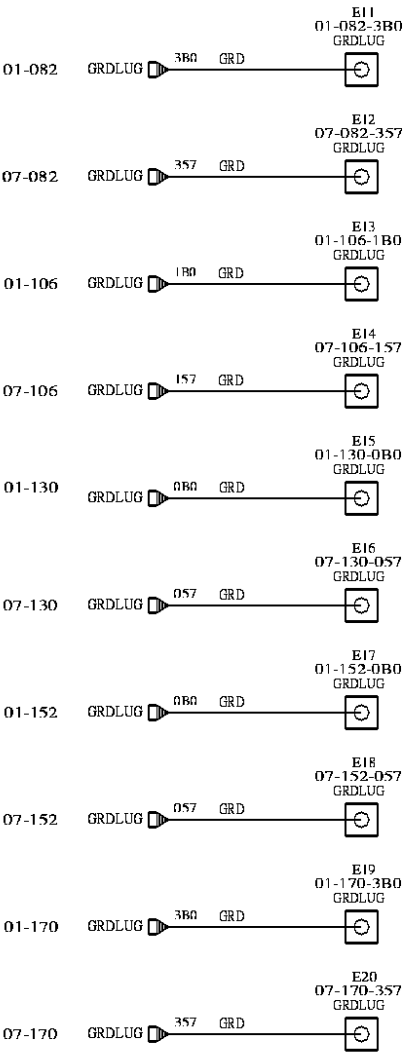
MESSAGE SWITCH CONTROL UNIT
(SEE NOTE 307)



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MESSAGE SWITCH CONTROL UNIT MODEL 2	DWG SIZE	ISSUE
	C2	5M
Lucent Technologies	SD-5D077-01	
	SHEET	B210

PART OF FS 2

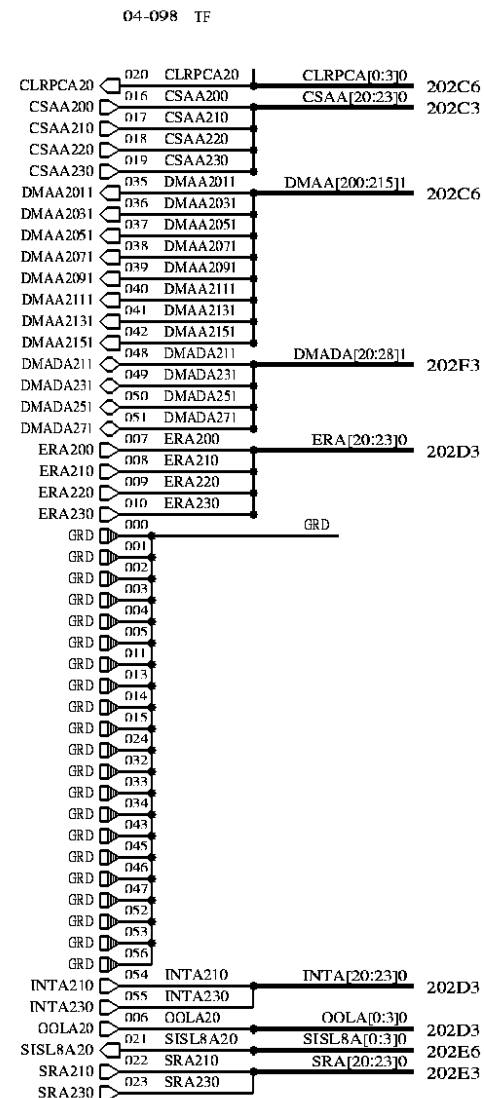
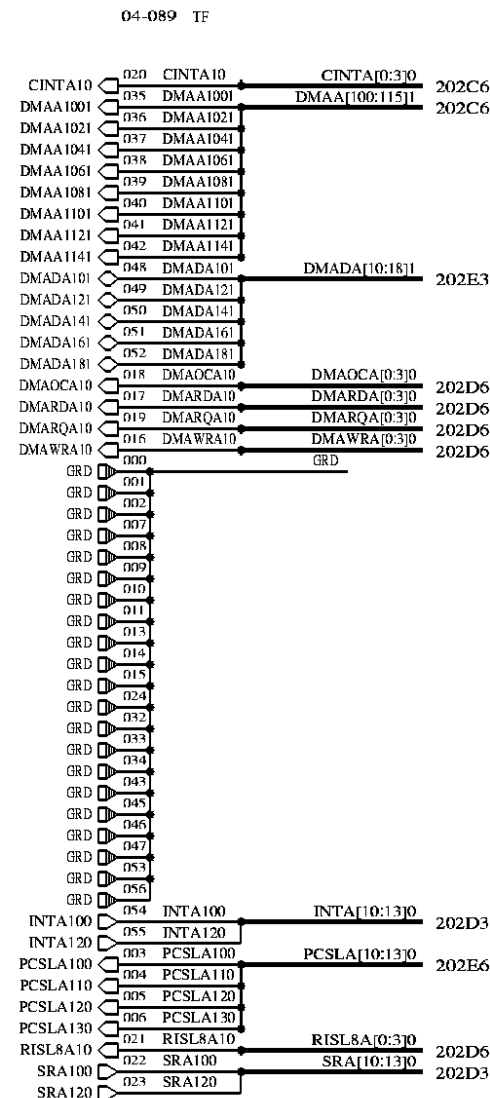
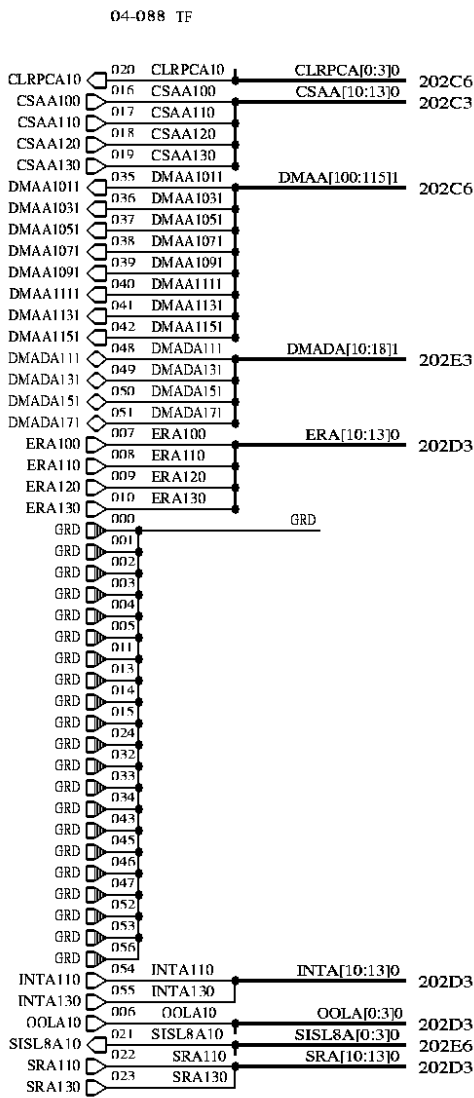
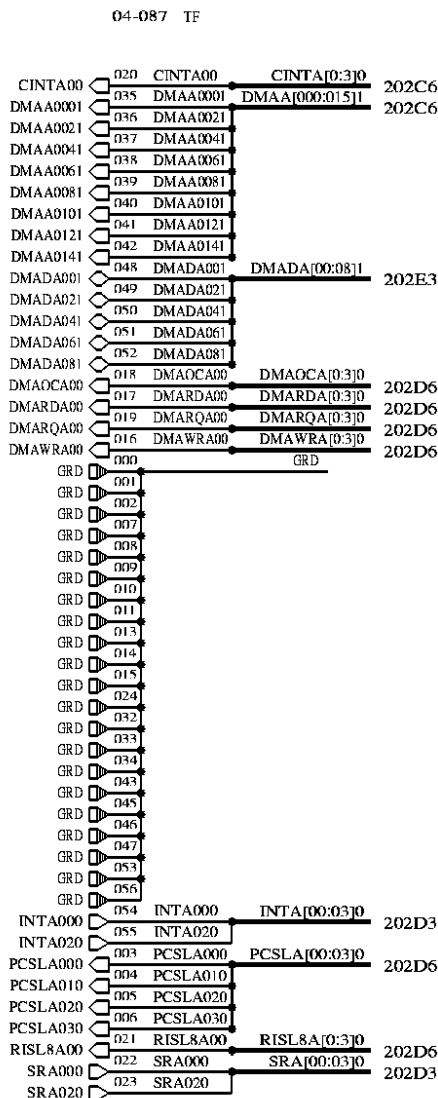
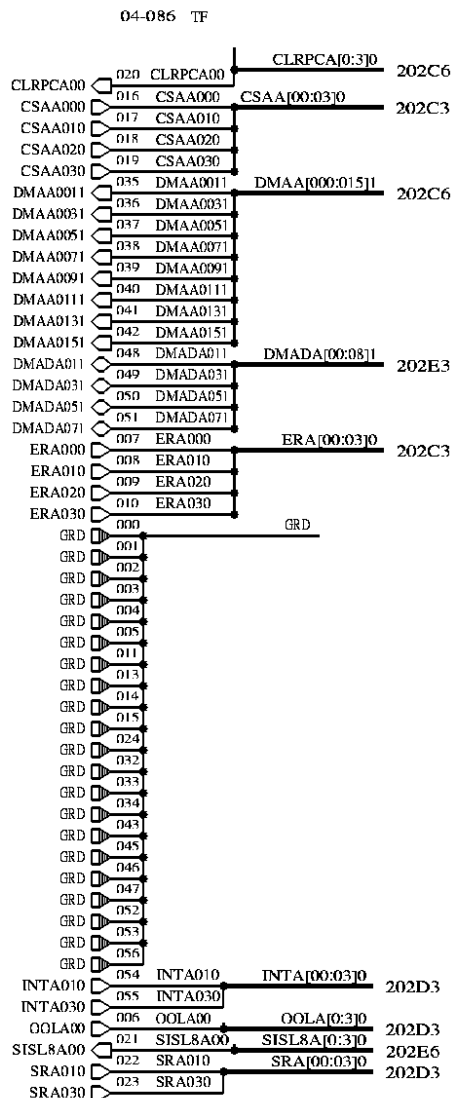
POWER AND GROUND LUGS



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MESSAGE SWITCH CONTROL UNIT MODEL 2	DWG SIZE	ISSUE
	C2	5M
Lucent Technologies	SD-5D077-01	
	SHEET	B211

PART OF FS 2

MESSAGE SWITCH CONTROL UNIT
(SEE NOTE 307)



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MESSAGE SWITCH CONTROL UNIT
MODEL 2

DWG SIZE
C2

ISSUE
5M

Lucent Technologies

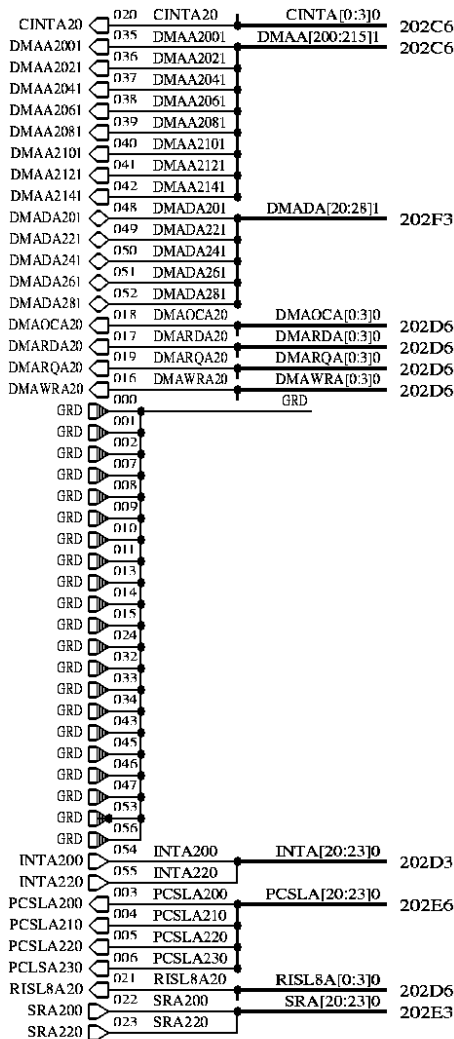
SD-5D077-01

SHEET
B212

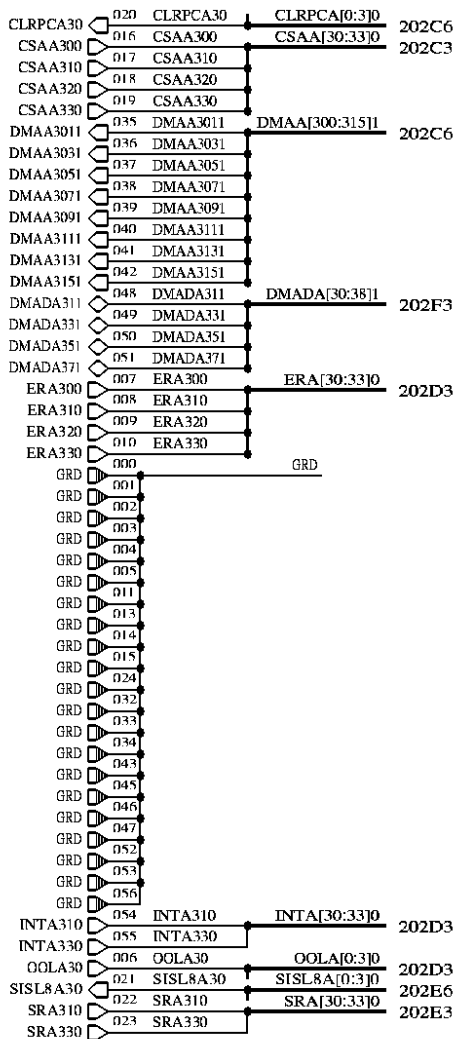
PART OF FS 2

MESSAGE SWITCH CONTROL UNIT
(SEE NOTE 307)

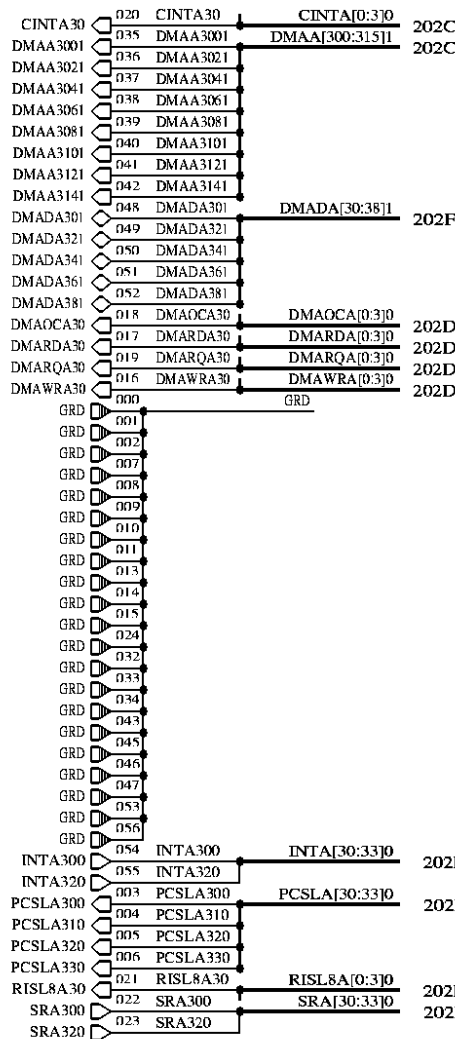
04-099 TF



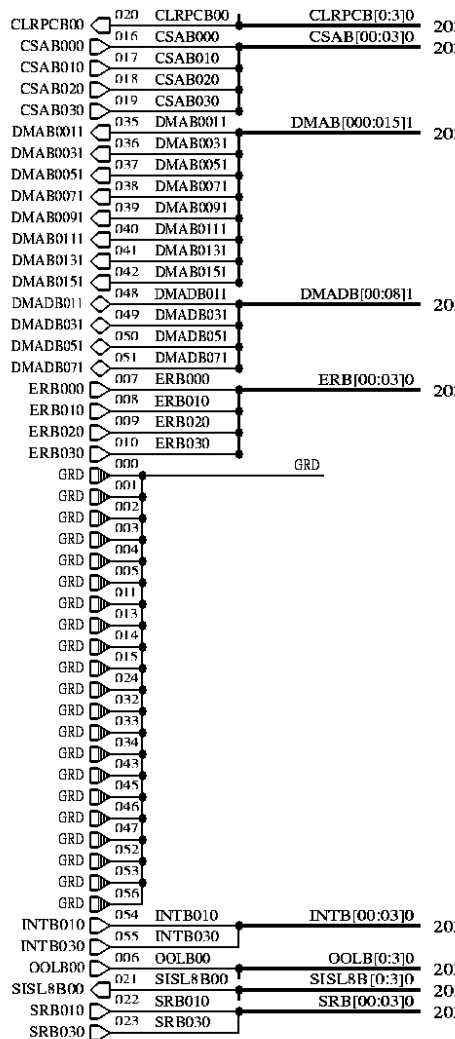
04-100 TF



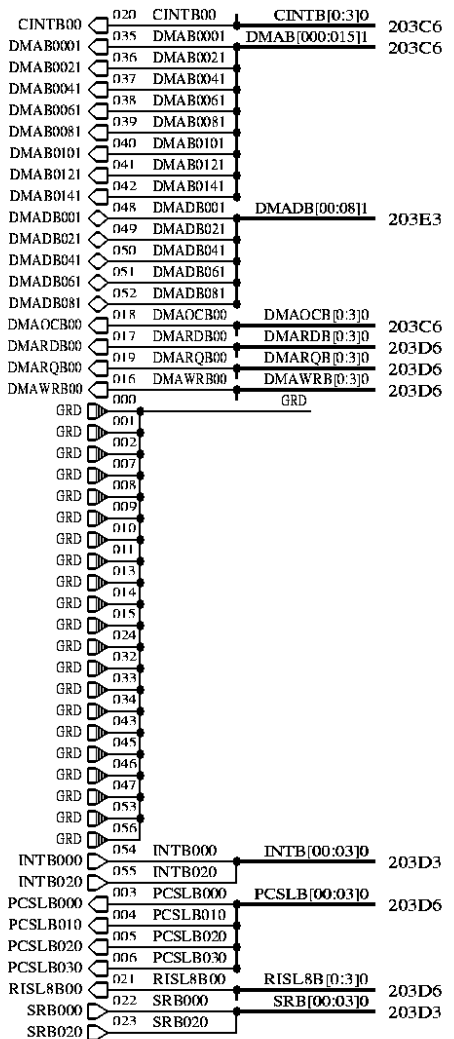
04-101 TF



04-102 TF



04-103 TF



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MESSAGE SWITCH CONTROL UNIT
MODEL 2

DWG SIZE
C2

ISSUE
5M

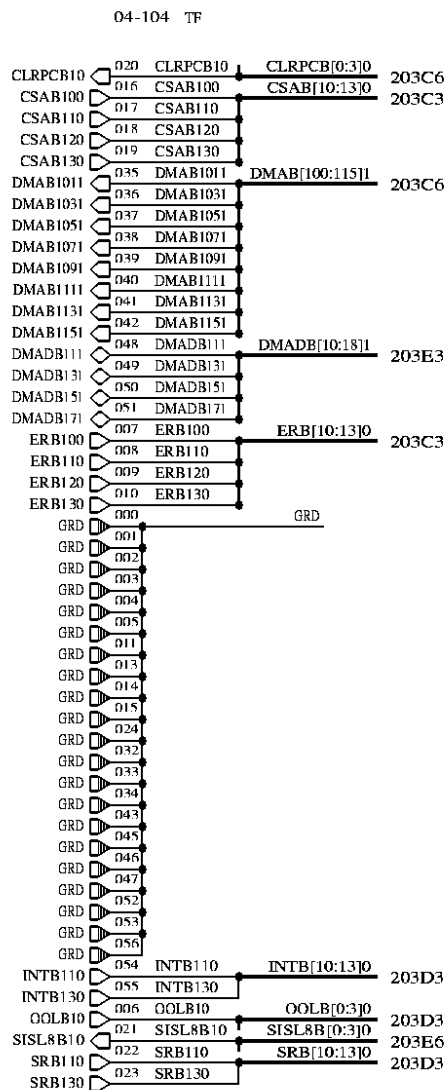
Lucent Technologies

SD-5D077-01

SHEET
B213

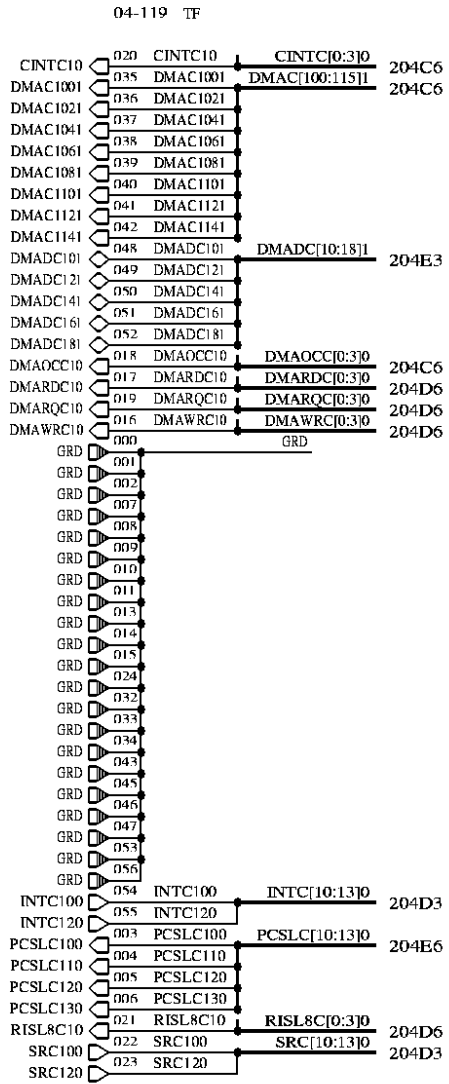
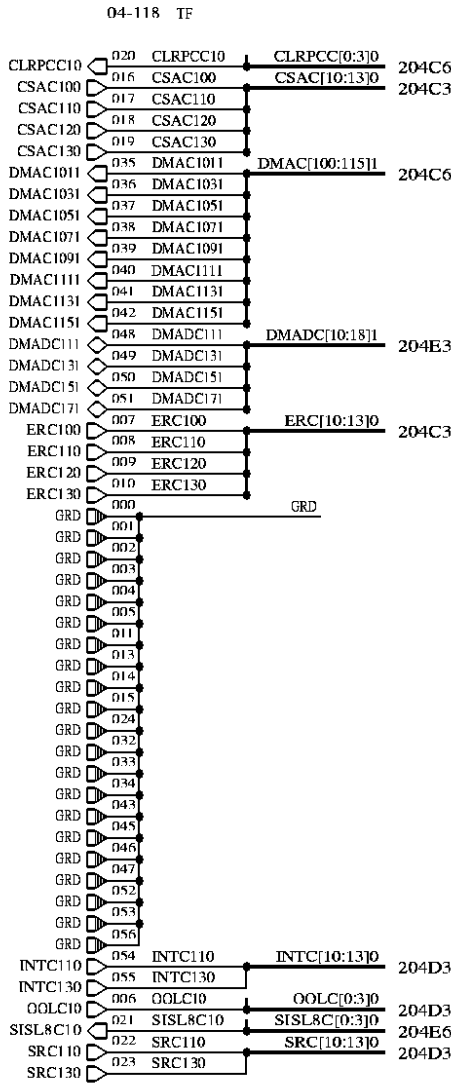
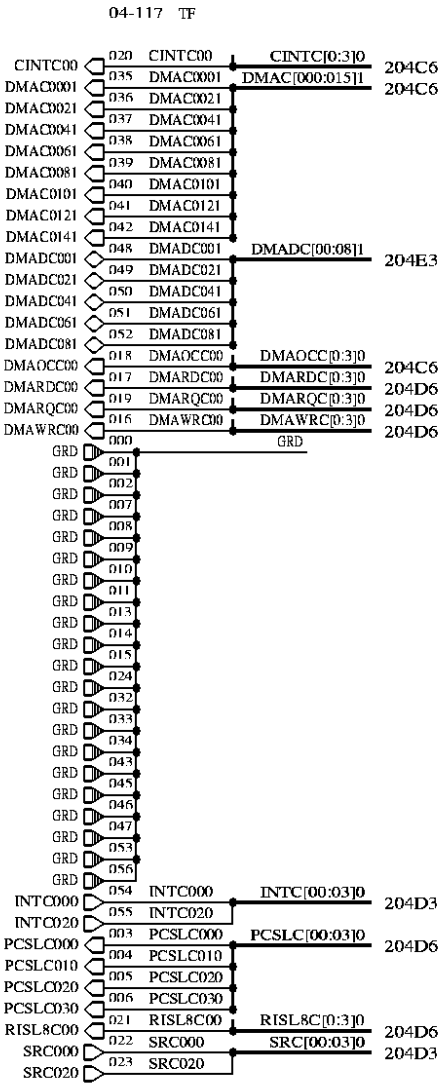
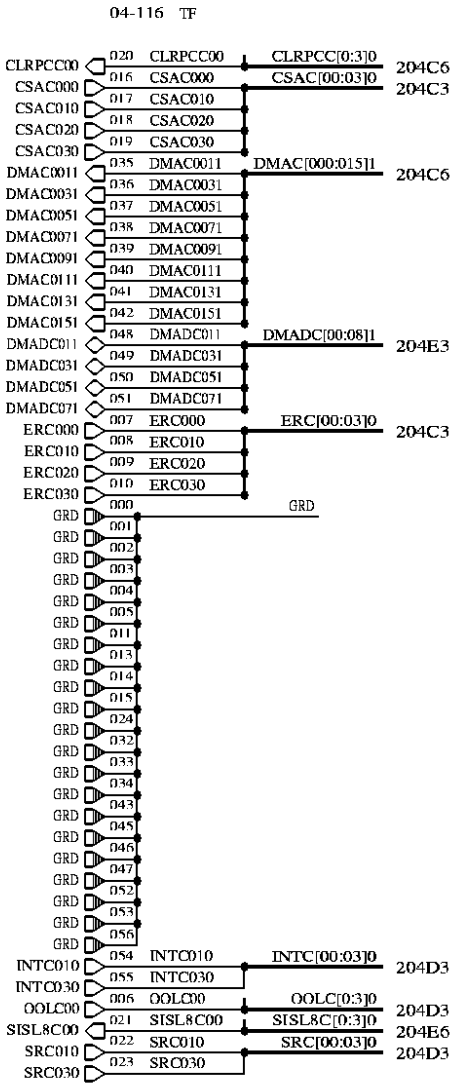
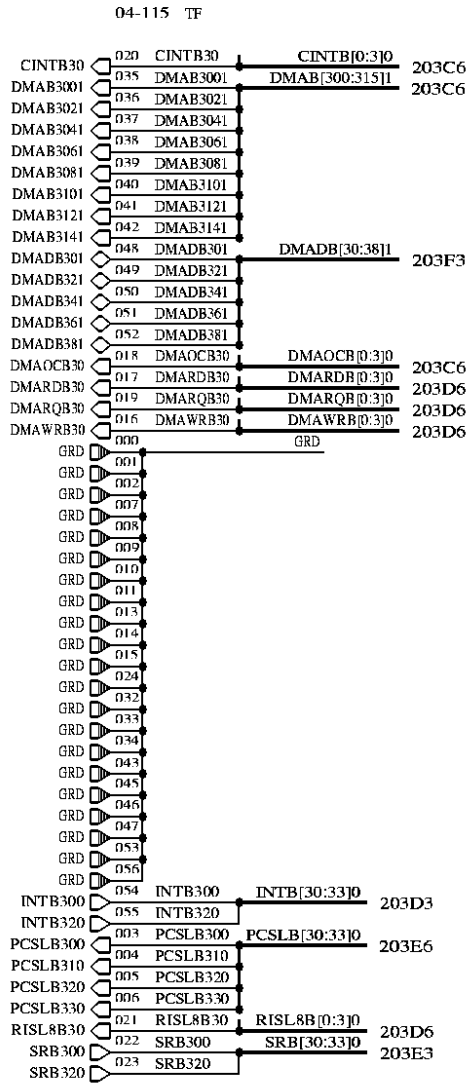
PART OF FS 2

MESSAGE SWITCH CONTROL UNIT
(SEE NOTE 307)



PART OF FS 2

MESSAGE SWITCH CONTROL UNIT
(SEE NOTE 307)



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MESSAGE SWITCH CONTROL UNIT
MODEL 2

DWG SIZE
C2

ISSUE
5M

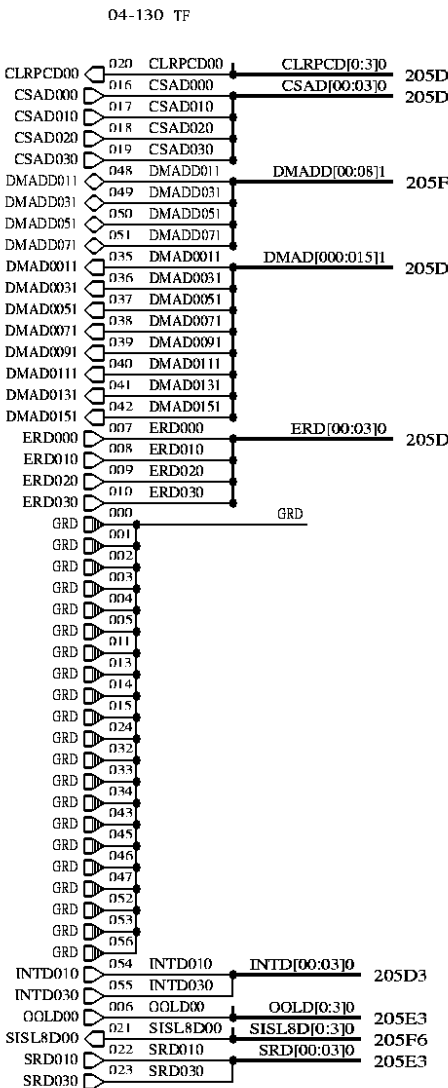
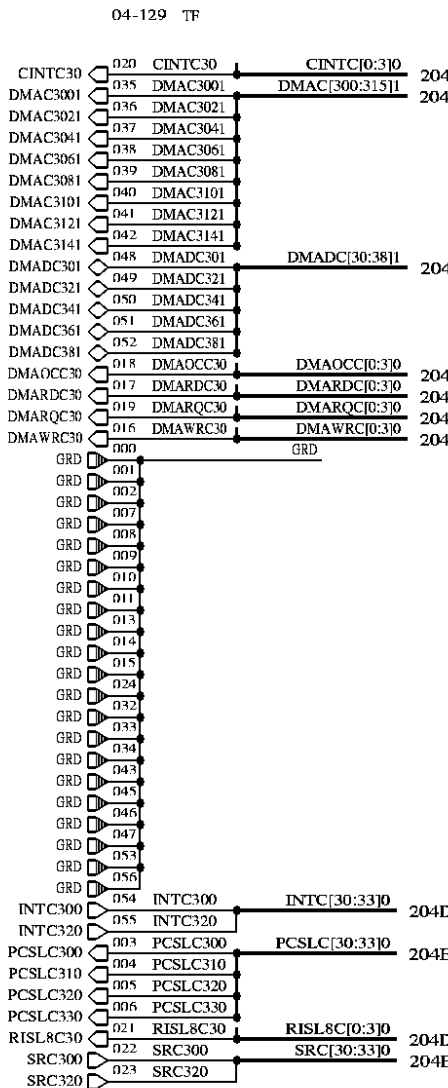
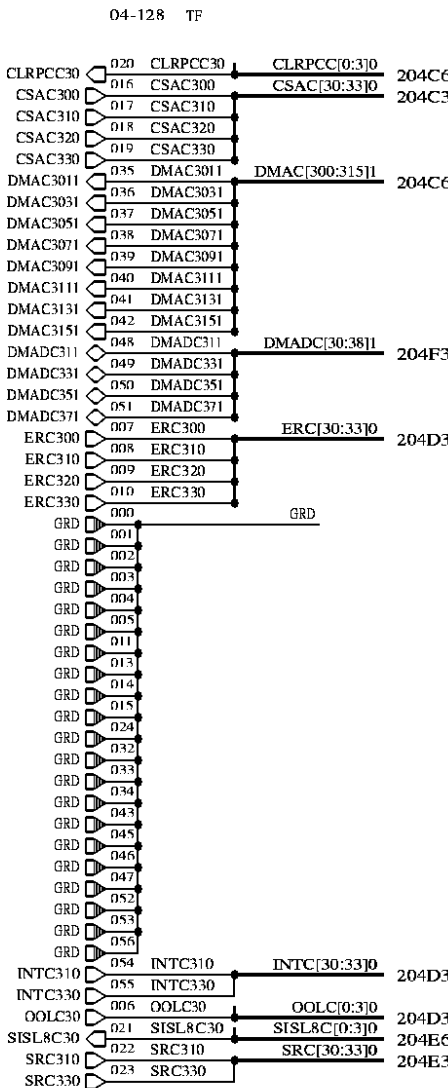
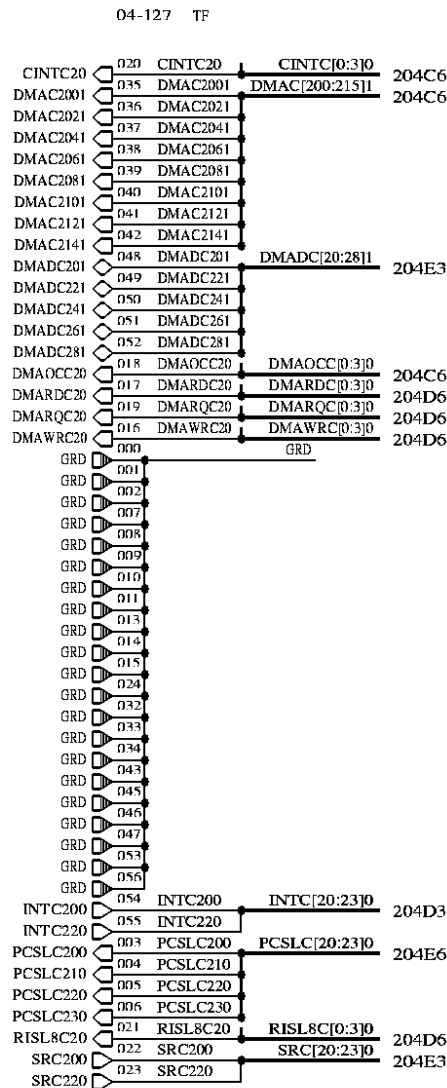
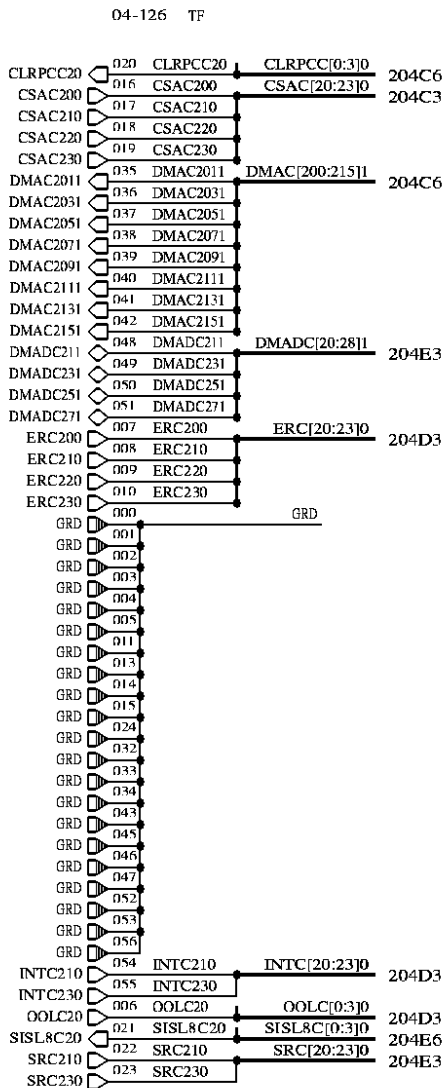
Lucent Technologies

SD-5D077-01

SHEET
B215

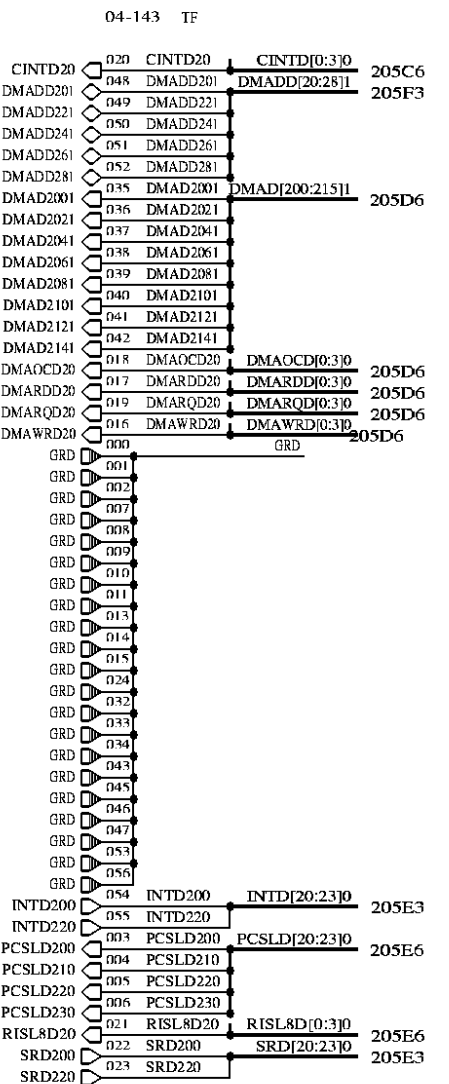
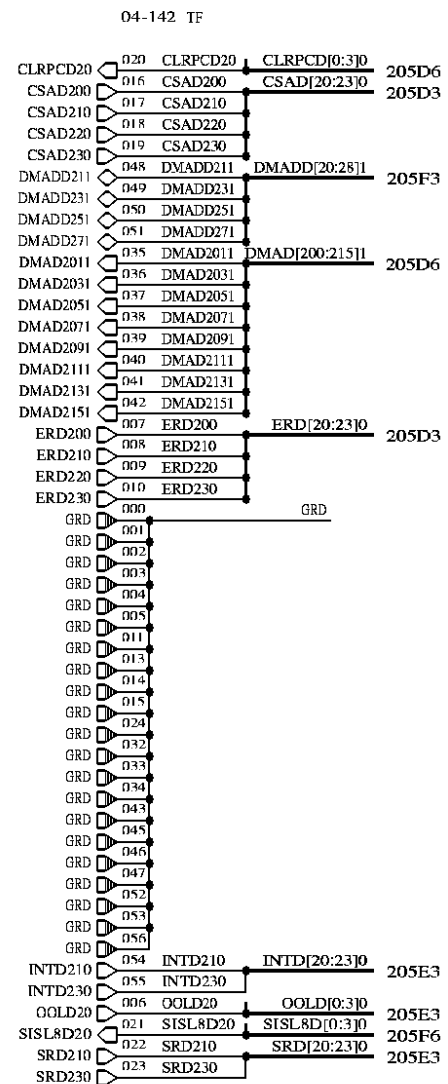
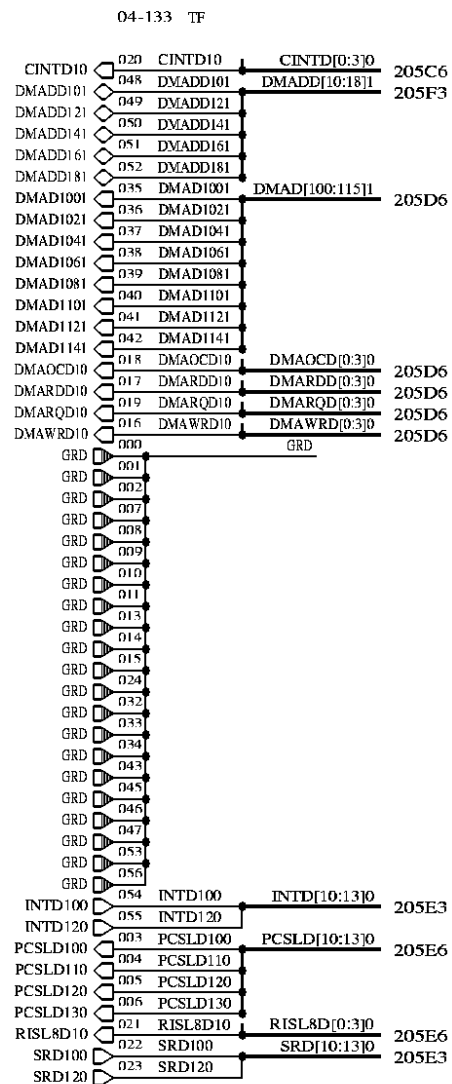
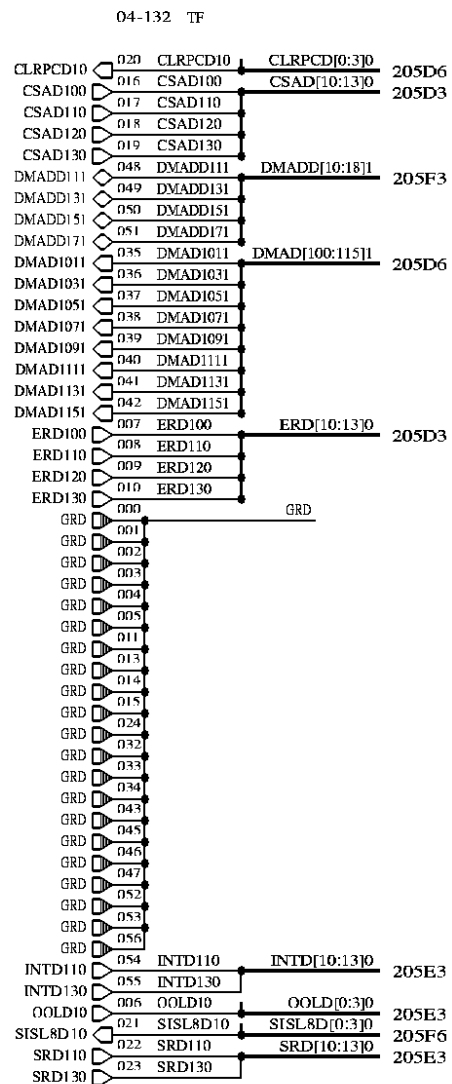
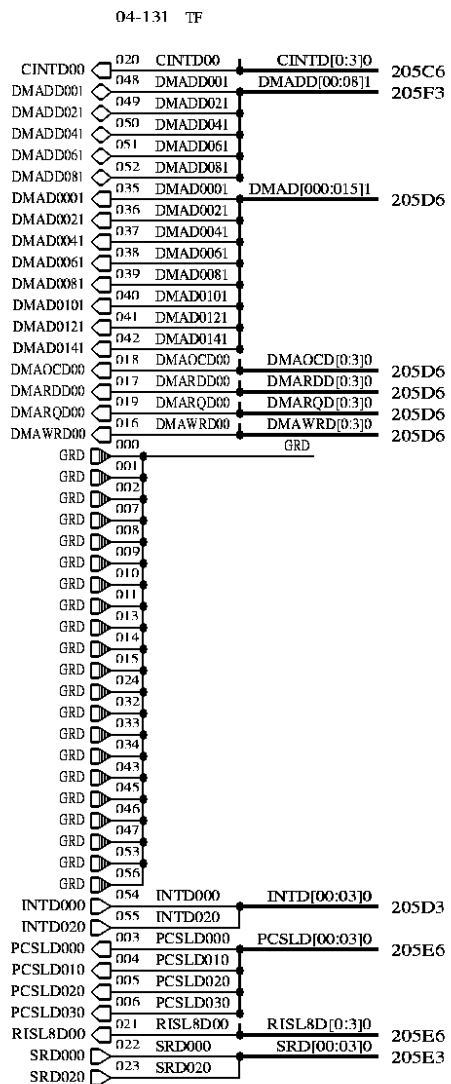
PART OF FS 2

MESSAGE SWITCH CONTROL UNIT
(SEE NOTE 307)



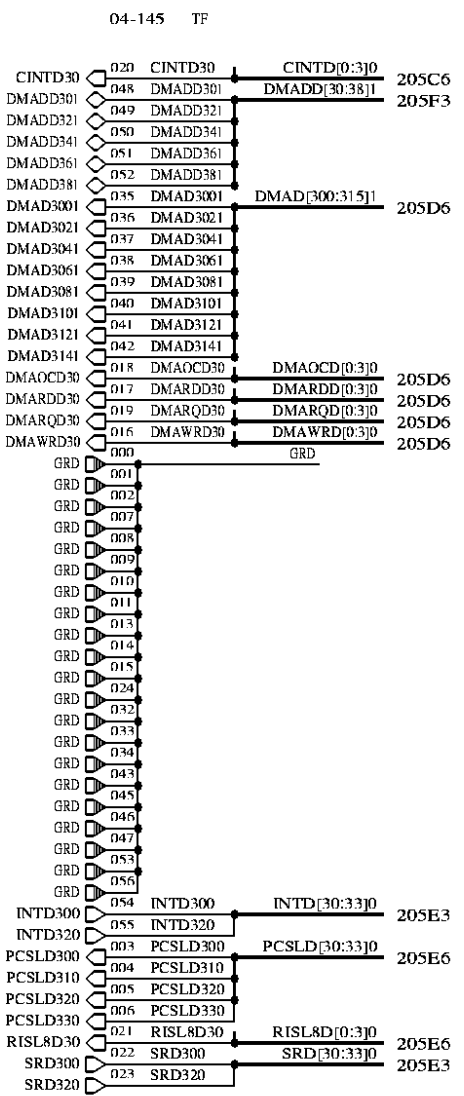
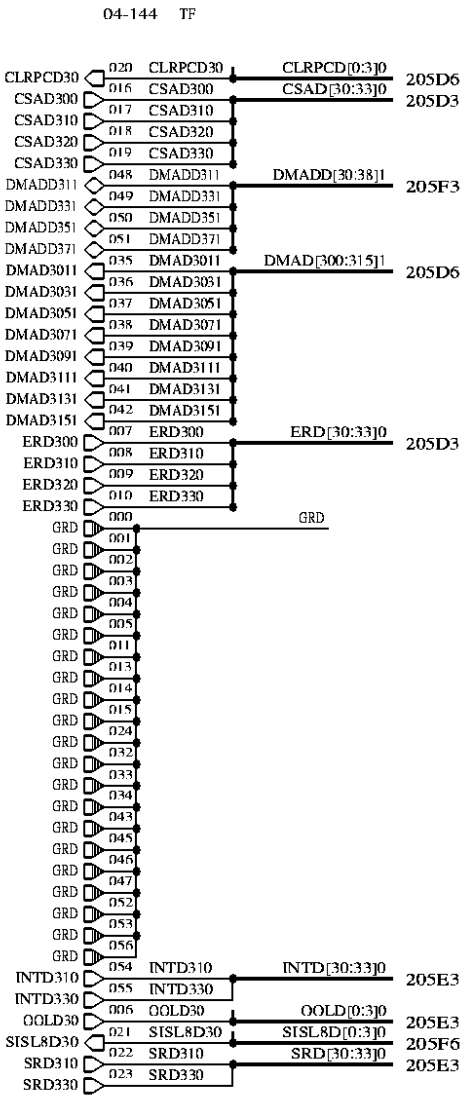
PART OF FS 2

MESSAGE SWITCH CONTROL UNIT
(SEE NOTE 307)



PART OF FS 2

MESSAGE SWITCH CONTROL UNIT
(SEE NOTE 307)



APP FIG. 1

<u>OPT</u>	<u>DESIG</u>	<u>LOC</u>	<u>CODE</u>
	WIRING AS PER FS 1 & 2.		

APP FIG. 2

<u>PACK, CIRCUIT</u>				
<u>DESIG</u>	<u>EQL</u>	<u>LOC</u>	<u>CODE</u>	<u>OPT</u>
FPCPPCCO	04-008	101/D2	SN516 SN516B SN516C	(K) (J) (G)
PWRCONV	04-024	101/D6	495FB	
MSPP-032	04-032	102/D4	TN856B TN856C	(N) (M)
PPC	04-040	103/D4	TN886	
MSPP-048	04-048	104/D4	TN856B	(N)
MSPP-048	04-048	104/D4	TN856C	(M)
FPC	04-056	105/D4	UN173	
C&D	04-066	106/D4	SN516 SN516B SN516C	(K) (J) (G)
PWRCONV2	04-082	201/E4	495FB	
IOMI-A	04-090	202/E4	UN25B	
IOMI-B	04-146	203/D4	UN178	
PMCS	04-156	207/D4	UN199	
BIC	04-170	209/E4	TN70B TN70C	(S) (R)
DDSB5	04-178	210/E4	TN69B	

APP FIG. 3

<u>PACK, CIRCUIT</u>			
<u>DESIG</u>	<u>EQL</u>	<u>LOC</u>	<u>CODE</u>
IOMI-B	04-106	203/D4	UN25B

APP FIG. 4

<u>PACK, CIRCUIT</u>			
<u>DESIG</u>	<u>EQL</u>	<u>LOC</u>	<u>CODE</u>
IOMI-C	04-120	204/D4	UN25B

APP FIG. 5

<u>PACK, CIRCUIT</u>			
<u>DESIG</u>	<u>EQL</u>	<u>LOC</u>	<u>CODE</u>
IOMI-D	04-134	205/E4	UN25B

APP FIG. 6

<u>PACK, CIRCUIT</u>			
<u>DESIG</u>	<u>EQL</u>	<u>LOC</u>	<u>CODE</u>
TCU	04-164	208/E4	TN60

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MESSAGE SWITCH CONTROL UNIT MODEL 2	DWG SIZE	ISSUE
	C2	5M
Lucent Technologies	SD-5D077-01	
	SHEET	C1

0123456789

A

CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
MSCU2	7.5	-48VB	UNIT
FPC & PPC	5	-48VA	UNIT
<u>BATTERY SYMBOL</u>		<u>VOLTAGE RANGE</u>	
-48		-47.75 TO -52.50	

B

C

D

E

F

G

H

A

B

C

D

E

F

G

H

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MESSAGE SWITCH CONTROL UNIT
MODEL 2

DWG SIZE
C2

ISSUE
5M

Lucent Technologies

SD-5D077-01

SHEET
D1

0123456789

0123456789

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 WIRE CONNECTIONS ARE SPECIFIED BY ED-5D571-30 FOR WIRE-WRAP BACKPLANES OR ED-5D635-30 MULTI-LAYER BACKPLANES.
203. MSCU2 CABLING INFORMATION FOR CONNECTION TO THE MESSAGE SWITCH PERIPHERAL UNIT MODEL 3 IS SHOWN IN SD-5D077-01 OR SD-5D078-01.
204. THE MSCU2 EQUIPMENT LAYOUT IS SHOWN BELOW.

SN516	495FB	TN856B	TN886	TN856B	UN173	SN516	495FB	UN25B	UN25B	UN25B	UN25B	UN178	UN199	TN60	TN70B	TN69B
SN516B		TN856C		TN856C		SN516B									TN70C	
SN516C						SN516C								FOR		
MSPU CD	MSPU CONV	MSPP	PPC	MSPP	FPC	MSCU CD	MSCU CONV	IOMI-A	IOMI-B	IOMI-C	IOMI-D	PIC2	PMCS	TEST	BIC	DDSBS
5.00W		23.90W	18.50W	29.90W	13.00W	5.00W		5.85W	5.85W	5.85W	5.85W	28.50W	43.30W	PURPOSE	9.50W	17.50W
9.00W		31.10W	24.00W	31.10W	18.40W	9.00W		6.55W	6.55W	6.55W	6.55W	41.00W	49.40W	ONLY	10.64W	19.60W
008	024	032	040	048	056	066	082	090	106	120	134	146	156	164	170	178

NOTE: UPPER PWR FIGURE = TYPICAL
LOWER PWR FIGURE = BUSY HOUR

205.

APPARATUS CODE	CIRCUIT PACK REMOVAL PROCEDURES		
	PULL HOT	REMOVE UNIT POWER	SEQUENCED
MC5D039A1		X	
MC5D055-01		X	
MC5D072-01		X	
MC5D078A1		X	
MC5D078A1C			
SN516		X	
SN516B		X	
SN516C		X	
TN60		X	
TN69B		X	
TN70B		X	
TN70C			
TN886		X	
UN25B		X	
495FB		X	

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MESSAGE SWITCH CONTROL UNIT
MODEL 2

DWG SIZE

C2

ISSUE

5M

Lucent Technologies

SD-5D077-01

SHEET

D2

0123456789

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

302.	FEATURE OR OPTION	PROVIDE		
		APP FIG	APP OR WRG	QUANTITY
	BACKPLANE AND WIRING			
	TO PROVIDE COMMUNICATION LINKS TO ADMINISTRATIVE MODULE		X	
	VIA DUAL SERIAL CHANNEL 11 56 SM'S OR LESS	1	W,Z	1
	VIA DUAL SERIAL CHANNEL 12 57 SM'S OR MORE		V,Y	
	EQUIPMENT REQUIRED IN ADDITION TO APP. FIG. 1 TO PROVIDE PERIPHERAL CONTROLLER, BASIC UNIT UP TO 4 MSPU COMMUNITIES. (32 SM'S)	2		1
	EQUIPMENT REQUIRED IN ADDITION TO APP. FIG. 1 & 2 TO PROVIDE PERIPHERAL CONTROLLER, FOR UP TO 8 MSPU COMMUNITIES. (96 SM'S)	3		1
	EQUIPMENT REQUIRED IN ADDITION TO APP. FIG. 1,2 & 3 TO PROVIDE PERIPHERAL CONTROLLER, FOR UP TO 12 MSPU COMMUNITIES. (128 SM'S)	4		1
	EQUIPMENT REQUIRED IN ADDITION TO APP. FIG. 1,2,3 & 4 TO PROVIDE PERIPHERAL CONTROLLER, FOR UP TO 16 MSPU COMMUNITIES. (192 SM'S)	5		1
	FOR TEST PURPOSE ONLY	6		1
	TO PROVIDE 2ND DMAC DSCH 16 FOR 400K OR GREATER BUSY HOUR CALLS	1	T	1

303.	RECORD OF FIGURES, WIRING AND APPARATUS CHANGES						
	CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
					STD	A&M	MD
	2A	Z OR Y	Z	306	Z OR Y		
					AVAIL		DA
	3M	W OR V	Z OR Y	306	W V		Z Y
	3M	X	NONE	306	X		
	4B	T	NONE	306	T		
	4B	N OR M	N		M		N
	4B	S OR R	S		R		S
	4B	K OR J	K		J		K
	5M	J OR G	J		G		J

305. THE MSCU2/SDCH CABLES (CADS 018,019) ARE LESS THAN 50 FEET LONG ALLOWING THE MSCU2 TO COMMUNICATE TO THE AM AT A 10 MHZ SERIAL DATA RATE. THIS SPECIFIED IN BOTH THE MSCU2 AND SDCH BY BACKPLANE OPTIONS. THE MSCU2 IS WIRED AT THE 10 MHZ DATA RATE PER APP FIGURE 1 BY STRAPPING (20MHZ2) TO (SPEED1).

306. THE MSCU2 IS INTERFACED TO THE AM VIA THE DDSBS AND DSCH. THE AM DSCH CAN DRIVE 16 PERIPHERAL DEVICES. WHEN READING PERIPHERAL STATUS, EACH DEVICE IDENTIFIES ITS CHANNEL NUMBER BY GATING A 4-BIT ID CODE ONTO DATA BITS 3-0. THE UNIT ID CODE IS SPECIFIED VIA BACKPLANE WIRING OF THE NETS MYADD(3:0)1. BECAUSE ALL 4 SIGNALS ARE PULLED UP ON THE BIC CIRCUIT PACK, SET ID CODE BITS ARE SPECIFIED BY LEAVING THE ASSOCIATED MYADD BIT UNCONNECTED. TO SPECIFY A ZERO ID CODE BIT, THE ASSOCIATED MYADD BIT IS WIRED TO GROUND. STRAIGHT BINARY CODING IS USED TO MAP ID CODES. TABLE 1 SPECIFIES THE WIRING REQUIRED FOR MSCU2'S USING THE WIRE WRAPPED BACKPLANE PER ED-5D571-30 FOR DIFFERENT ID CODES. THE MSCU2 IS WIRED AS CHANNEL 11, 12 OR 16 PER APP. FIGURE 1, AND NOTE 302.

MLB ED-5D635-30
WIREWRAP ED-5D571-30

TABLE 1

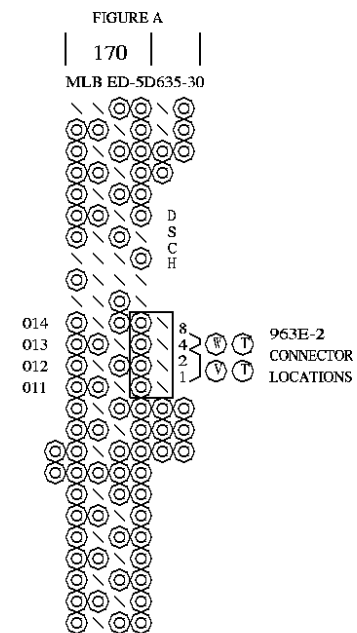
	CHANNEL																<u>EQL</u>	<u>DSCH</u> <u>BCD</u>
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	170-	
MYADD31	G	G	G	G	G	G	G	G	NC	NC	NC	NC	NC	NC	NC	NC	014	8
MYADD21	G	G	G	G	NC	NC	NC	NC	G	G	G	G	NC	NC	NC	NC	013	4
MYADD11	G	G	NC	NC	G	G	NC	NC	G	G	G	NC	G	G	NC	NC	012	2
MYADD01	G	NC	G	NC	G	NC	G	NC	G	NC	G	NC	G	NC	G	NC	011	1

G = GROUND

MSCU2

MSCU-2'S USING THE NEW MLB BACKPLANE PER ED-5D635-30 MAKE CHANNEL ASSIGNMENTS BY GROUNDING MYADD PINS IN EQL 170-011 THROUGH 170-014 TO ADJACENT GROUND PINS (X WRG) IN EQL 169-011 THROUGH 169-014 USING 963E-2 CONNECTORS COMCODE 102 802 303, PER FIGURE A.

306. (CONT):



307. MSCU2 CIRCUIT PACKS SHOULD NOT BE REMOVED, CHANGED OR ADDED WITHOUT POWERING DOWN THE ASSOCIATED SHELF.

The diagram illustrates the layout of the IOMI board, showing the placement of various components and their connections. The board is organized into a grid of components, with pin numbers indicated along the top and bottom edges.

Component Locations:

- Top Row:** GRD, 164, GRD, 146, GRD, 120, GRD, GRD, 040, GRD, 032, GRD.
- Bottom Row:** GRD, 164, GRD, 146, GRD, 120, GRD, GRD, 040, GRD, 032, GRD.

Component Groups and Pin Numbers:

- Top Section:**
 - AA, AB (145, 143)
 - AE, AF, AG, AH (133, 131, 129, 127)
 - AM, AN, AO, AP (119, 117, 115, 113)
 - AU, AV, AW, AX (105, 103, 101, 99)
 - BC, BD (089, 087)
 - BH (056)
 - BM, BN (008, 007)
- Middle Section:**
 - AC, AD (145, 143)
 - AI, AJ, AK, AL (133, 131, 129, 127)
 - AQ, AR, AS, AT (119, 117, 115, 113)
 - AY, AZ, BA, BB (105, 103, 101, 99)
 - BE, BF (089, 087)
 - BI, BJ (056)
 - BK, BL (040, 039, 037, 032)
 - BO (007)
- Bottom Section:**
 - BR, BS (145, 143)
 - BV, BW, BX, BY (133, 131, 129, 127)
 - CD, CE, CF, CG (119, 117, 115, 113)
 - CL, CM, CN, CO (105, 103, 101, 99)
 - CT, CU (089, 087)
 - CX (056)
 - CY, CZ (040, 039, 037, 032)
 - DC, DD, DE (008, 007)
- Service Section:**
 - BT, BU (145, 143)
 - BZ, CA, CB, CC (133, 131, 129, 127)
 - CH, CI, CJ, CK (119, 117, 115, 113)
 - CP, CQ, CR, CS (105, 103, 101, 99)
 - CV, CW (089, 087)
 - DA, DB (040, 039, 037, 032)

Power Connections:

- 48VB:** Connected to the bottom of the board.
- 48VRTNB:** Connected to the bottom of the board.
- 48VA:** Connected to the bottom of the board.
- 48VRTNA:** Connected to the bottom of the board.

Other Connections:

- IOMI DATA:** Connected to the top of the board.
- IOMI ADDRESS:** Connected to the top of the board.
- IOMI CONTROL:** Connected to the top of the board.
- IOMI SERVICE:** Connected to the top of the board.

NOTES:

- | | |
|----|----|
| AM | CD |
| AN | CE |
| AQ | CH |
| AR | CI |
| BD | CU |
| BF | CW |

- | | | | |
|---|-------------|----------------|-------------|
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| MESSAGE SWITCH CONTROL UNIT
MODEL 2 | | | |
| | | DWG SIZE
C2 | ISSUE
5M |
| Lucent Technologies | SD-5D077-01 | | SHEET
D4 |

	0	1	2	3	4	5	6	7	8	9	
A											A
B											B
C											C
D											D
E											E
F											F
G											G
H											H
	0	1	2	3	4	5	6	7	8	9	

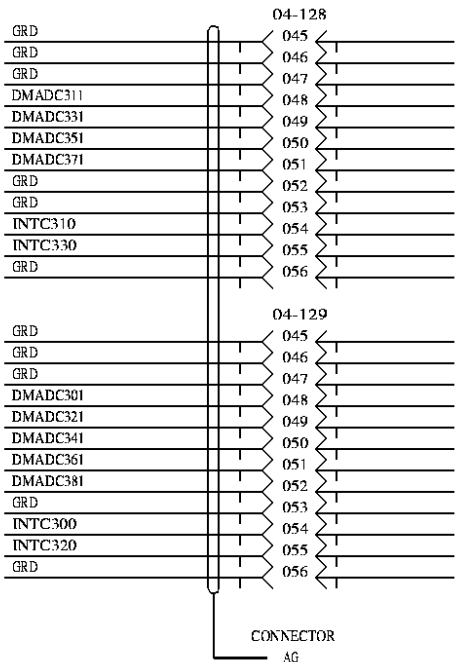
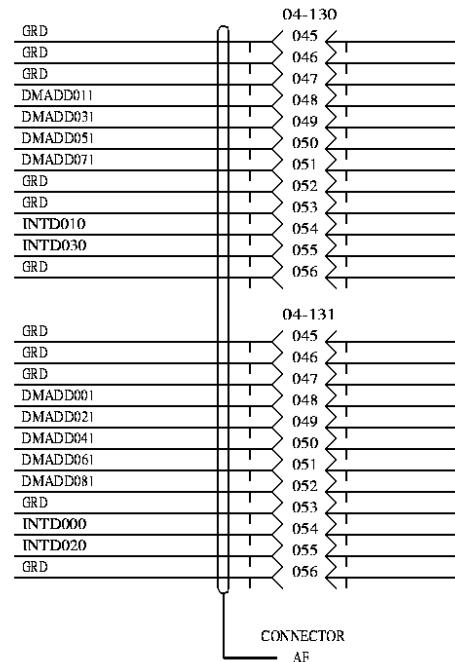
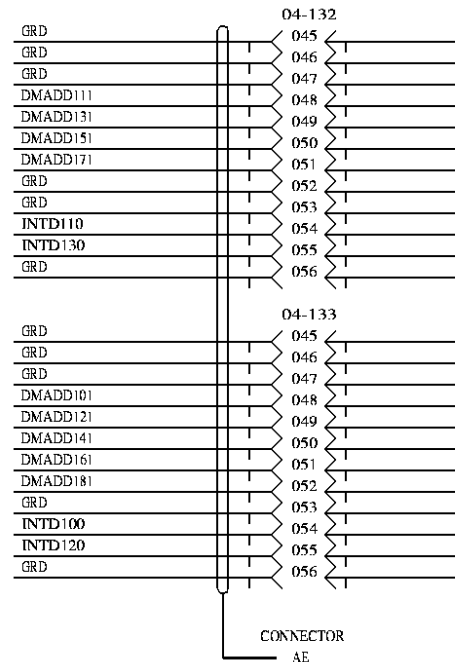
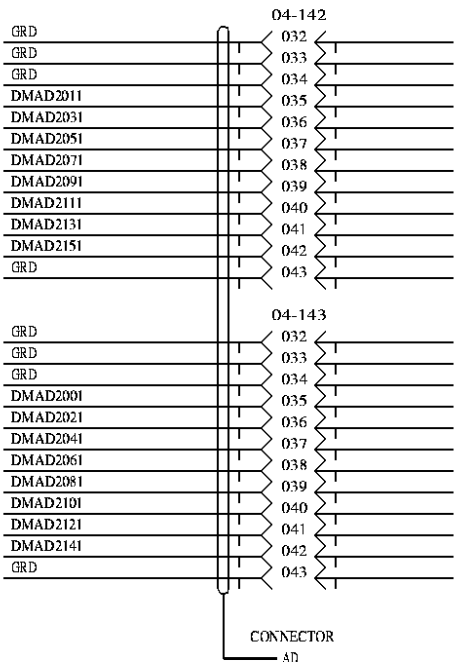
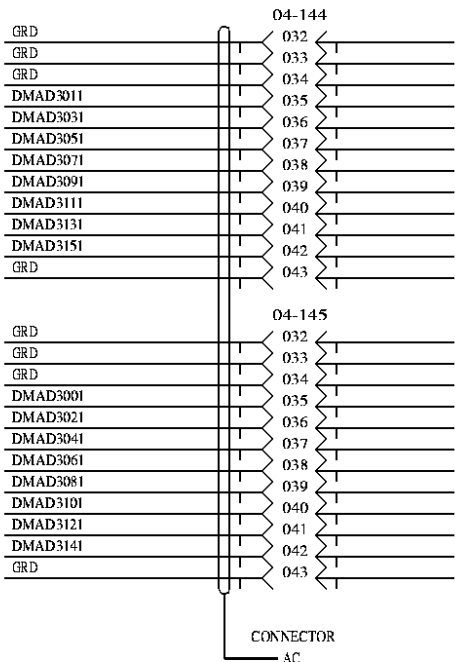
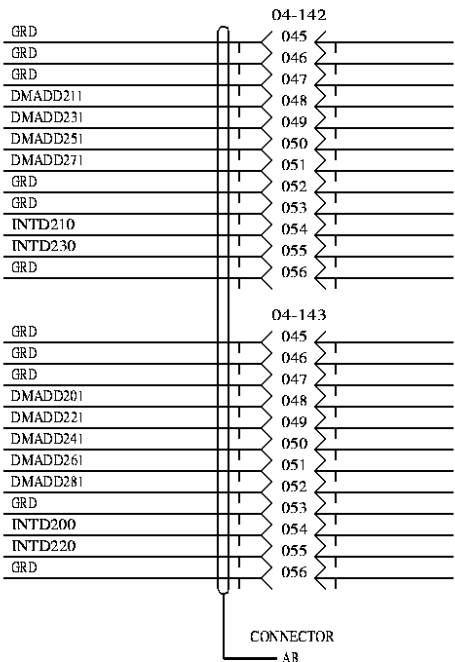
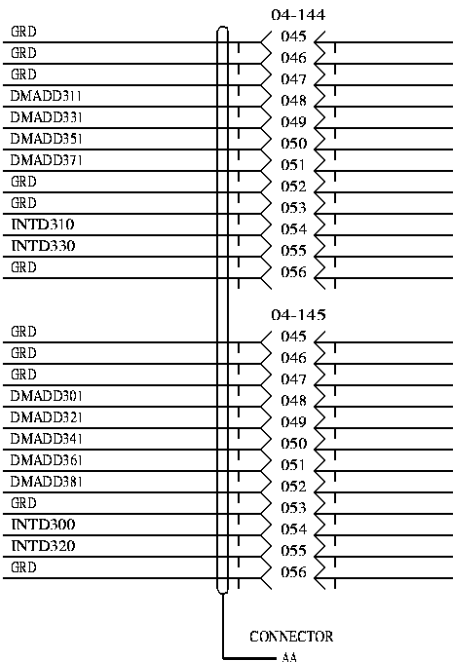
UNIT SYMBOL TABLE OF CONTENTS						
FUNCTION		DESCRIPTION		SIZE	ELEMENT	
IOMI	A	COMMUNITY 0 NOT USED	04-087-000	2 X 12	CW	
			04-087-013	2 X 12	CU	
			04-087-032	2 X 12	BF	
			04-087-045	2 X 12	BD	
		COMMUNITY 1 PPC/FPC	04-089-000	2 X 12	CV	
			04-089-013	2 X 12	CT	
			04-089-032	2 X 12	BE	
			04-089-045	2 X 12	BC	
		COMMUNITY 2	04-099-000	2 X 12	CS	
			04-099-013	2 X 12	CO	
			04-099-032	2 X 12	BB	
			04-099-045	2 X 12	AX	
	COMMUNITY 3	04-101-000	2 X 12	CR		
		04-101-013	2 X 12	CN		
		04-101-032	2 X 12	BA		
		04-101-045	2 X 12	AW		
	B	COMMUNITY 0	04-103-000	2 X 12	CQ	
			04-103-013	2 X 12	CM	
			04-103-032	2 X 12	AZ	
			04-103-045	2 X 12	AV	
		COMMUNITY 1	04-105-000	2 X 12	CP	
			04-105-013	2 X 12	CL	
			04-105-032	2 X 12	AY	
			04-105-045	2 X 12	AU	
		COMMUNITY 2	04-113-000	2 X 12	CK	
			04-113-013	2 X 12	CG	
			04-113-032	2 X 12	AT	
			04-113-045	2 X 12	AP	
		COMMUNITY 3	04-115-000	2 X 12	CJ	
			04-115-013	2 X 12	CF	
			04-115-032	2 X 12	AS	
			04-115-045	2 X 12	AO	
		C	COMMUNITY 0	04-117-000	2 X 12	CI
				04-117-013	2 X 12	CE
				04-117-032	2 X 12	AR
				04-117-045	2 X 12	AN
	COMMUNITY 1		04-119-000	2 X 12	CH	
			04-119-013	2 X 12	CD	
			04-119-032	2 X 12	AQ	
			04-119-045	2 X 12	AM	
COMMUNITY 2	04-127-000		2 X 12	CC		
	04-127-013		2 X 12	BY		
	04-127-032		2 X 12	AL		
	04-127-045		2 X 12	AH		
COMMUNITY 3	04-129-000		2 X 12	CB		
	04-129-013		2 X 12	BX		
	04-129-032	2 X 12	AK			
	04-129-045	2 X 12	AG			

UNIT SYMBOL TABLE OF CONTENTS						
FUNCTION		DESCRIPTION		SIZE	ELEMENT	
IOMI	D	COMMUNITY 0	04-131-000	2 X 12	CA	
			04-131-013	2 X 12	BW	
			04-131-032	2 X 12	AJ	
			04-131-045	2 X 12	AF	
		COMMUNITY 1	04-133-000	2 X 12	BZ	
			04-133-013	2 X 12	BV	
			04-133-032	2 X 12	AI	
			04-133-045	2 X 12	AE	
		COMMUNITY 2	04-143-000	2 X 12	BU	
			04-143-013	2 X 12	BS	
			04-143-032	2 X 12	AD	
			04-143-045	2 X 12	AB	
	COMMUNITY 3	04-145-000	2 X 12	BT		
		04-145-013	2 X 12	BR		
		04-145-032	2 X 12	AC		
		04-145-045	2 X 12	AA		
	SERIAL LINK		CHANNEL A (04-178-106)		2 X 6	BQ
			CHANNEL B (04-178-306)		2 X 6	BP
	SCAN POINTS		SCAN POINTS (04-007-045)		2 X 12	BN
			SCAN POINTS (04-007-032)		2 X 12	BO
FUSE ALARM		FUSE ALARM (04-008-045)		2 X 3	BM	
		FUSE ALARM (04-066-045)		2 X 3	BG	
GROUND LUG		GROUND LUG (01-017-0B0)		LUG	DF	
		GROUND LUG (07-017-057)		LUG	DF	
		GROUND LUG (01-037-0B0)		LUG	DF	
		GROUND LUG (07-037-057)		LUG	DF	
		GROUND LUG (01-056-5B0)		LUG	DF	
		GROUND LUG (07-056-557)		LUG	DF	
		GROUND LUG (01-082-3B0)		LUG	DF	
		GROUND LUG (07-082-357)		LUG	DF	
		GROUND LUG (01-106-1B0)		LUG	DF	
		GROUND LUG (07-106-157)		LUG	DF	
		GROUND LUG (01-130-0B0)		LUG	DF	
		GROUND LUG (07-130-057)		LUG	DF	
		GROUND LUG (01-152-0B0)		LUG	DF	
		GROUND LUG (07-152-057)		LUG	DF	
GROUND LUG (01-170-3B0)		LUG	DF			
GROUND LUG (07-170-357)		LUG	DF			
MESSAGE INTERFACE BUS		MIB SIDE 0 (04-040-334)		2 X 4	BL	
		MIB SIDE 1 (04-040-339)		2 X 4	BK	
IO MESSAGE INTERFACE		IOMI SERVICE (04-037-000)		2 X 12	DB	
		IOMI CONTROL (04-037-013)		2 X 12	CZ	
		IOMI ADDRESS (04-039-000)		2 X 12	DA	
		IOMI DATA (04-039-013)		2 X 12	CY	
CONTROL & DIAGNOSTIC	SIDE 0	LINK A (04-056-513)		2 X 12	CK	
		LINK B (04-056-532)		2 X 6	BJ	
	SIDE 1	LINK A (04-056-545)		2 X 12	BH	
		LINK B (04-056-538)		2 X 6	BI	

UNIT SYMBOL TABLE OF CONTENTS			
FUNCTION	DESCRIPTION	SIZE	ELEMENT
POWER LUG	POWER LUG (01-013-0B0) -48VRTNA	LUG	DF
	POWER LUG (02-013-004) -48VA	LUG	DF
	POWER LUG (01-075-0B0) -48VRTNB	LUG	DF
	POWER LUG (02-075-004) -48VB	LUG	DF
MANUAL OVERRIDE & DIAGNOSTIC	MANUAL OVERRIDE & DIAGNOSTIC (04-007-016)	2 X 3	DE
	MANUAL OVERRIDE & DIAGNOSTIC (04-007-022)	2 X 3	DC
	MANUAL OVERRIDE & DIAGNOSTIC (04-007-019)	2 X 3	DD
DUAL SERIAL CHANNEL	DSCH 04-169-111	2 X 4	DF

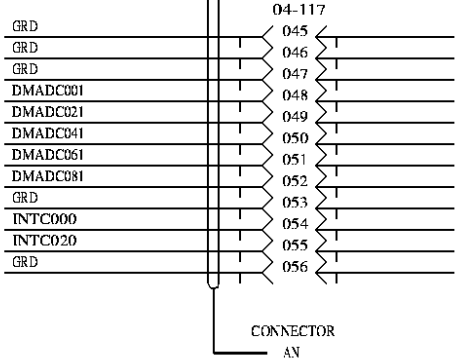
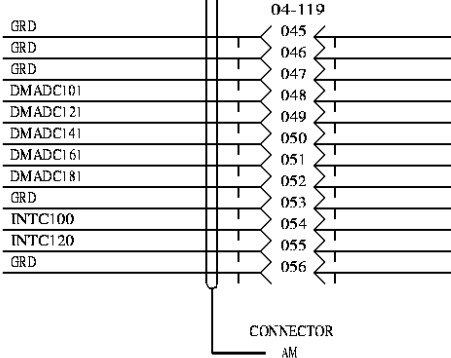
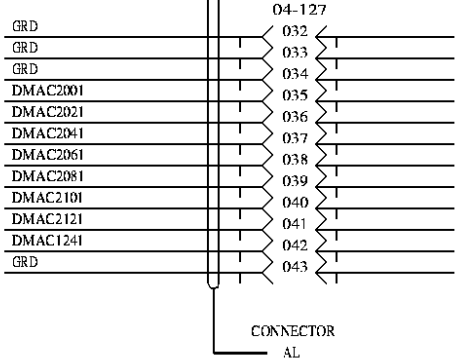
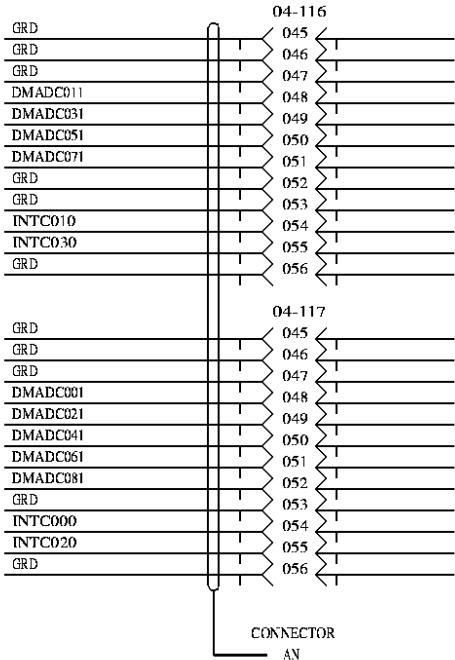
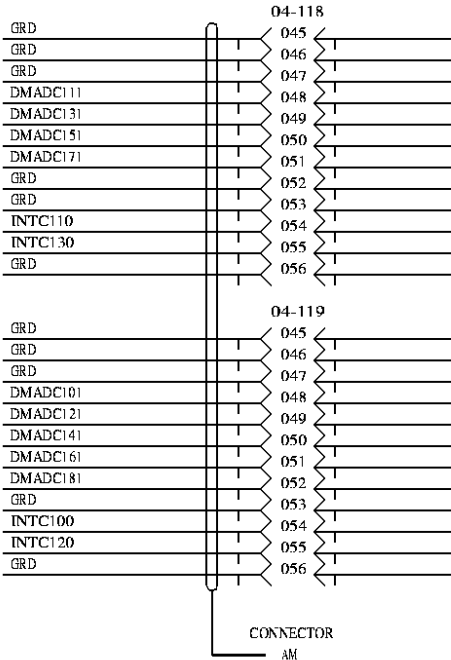
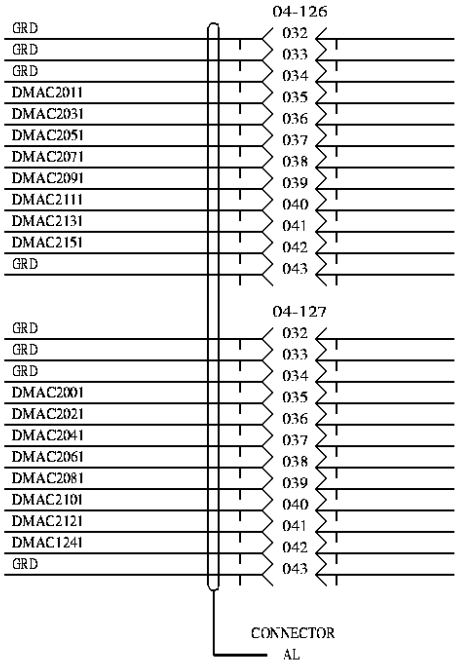
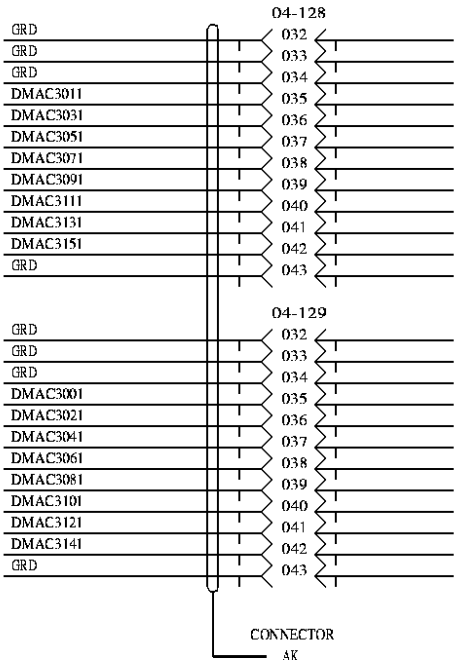
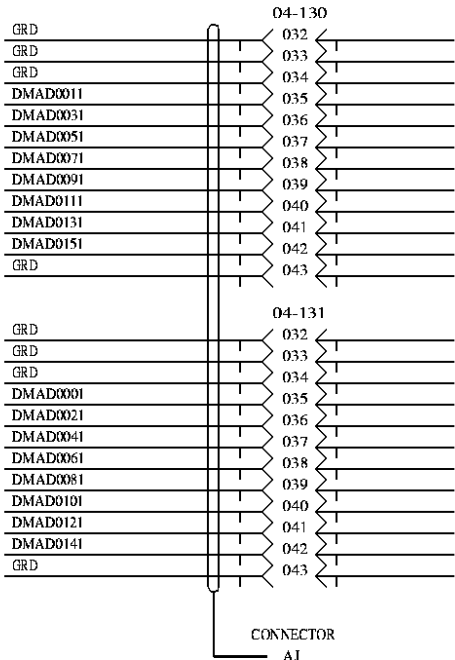
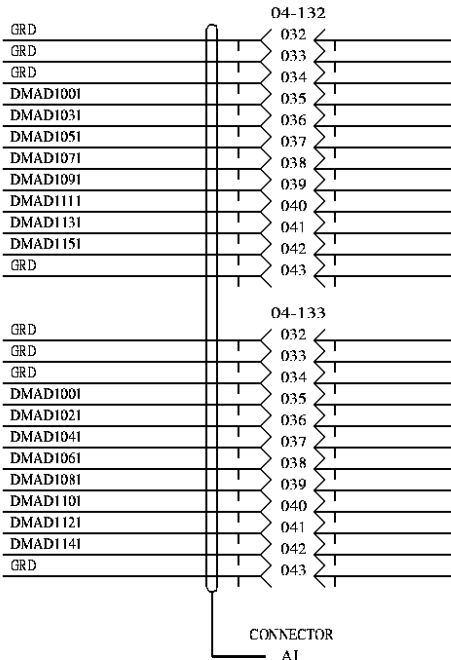
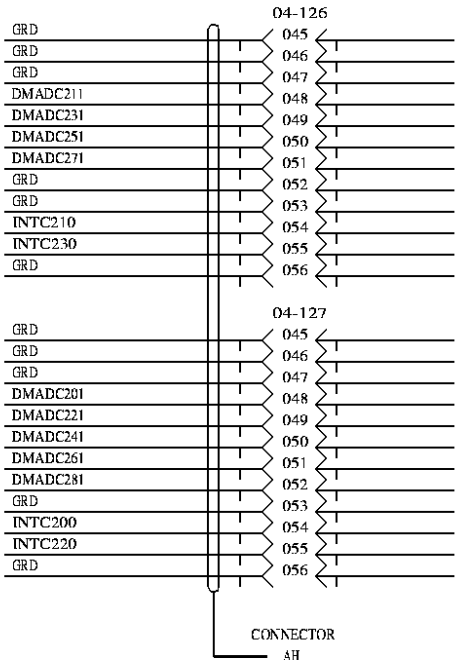
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MESSAGE SWITCH CONTROL UNIT MODEL 2		DWG SIZE C2
ISSUE 5M	SHEET GB1	
Lucent Technologies	SD-5D077-01	

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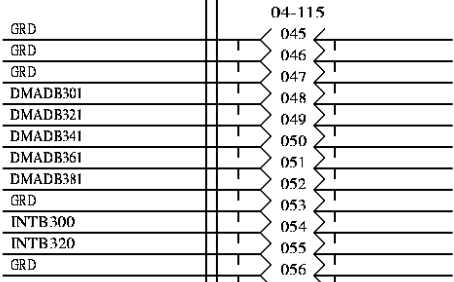
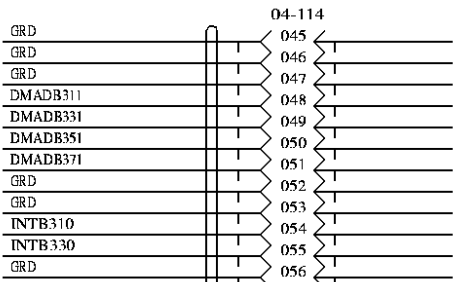


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MESSAGE SWITCH CONTROL UNIT MODEL 2	DWG SIZE	ISSUE
	C2	5M
Lucent Technologies	SD-5D077-01	
	SHEET	GB2

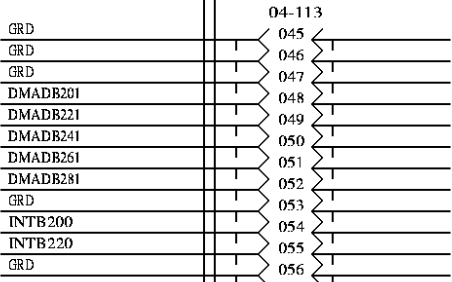
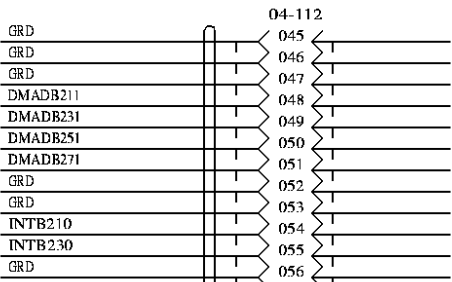
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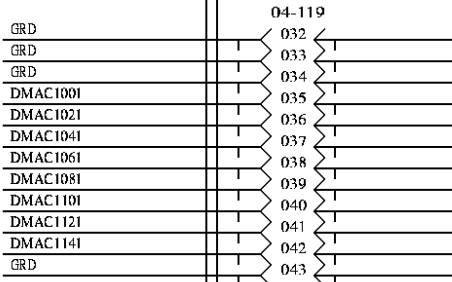
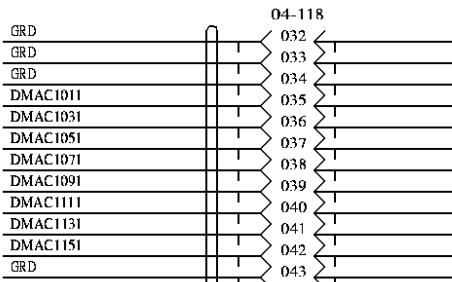
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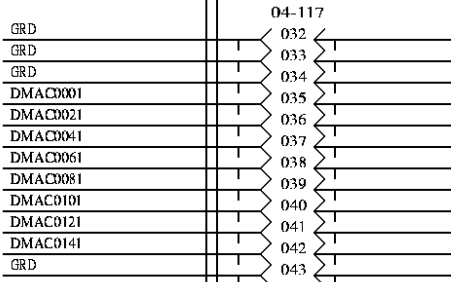
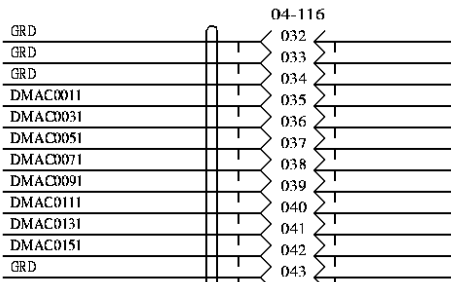
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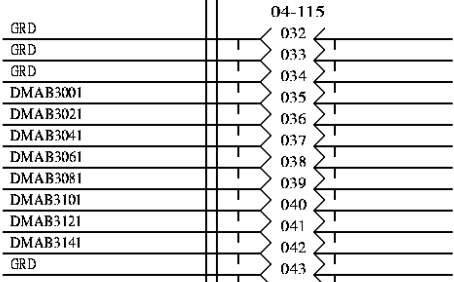
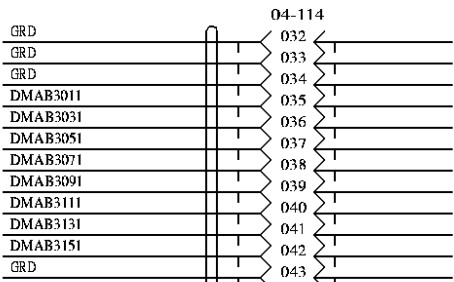
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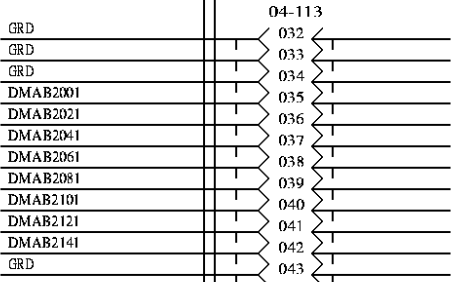
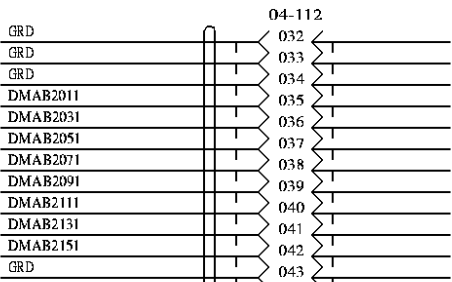
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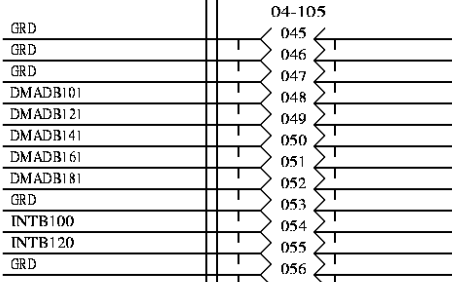
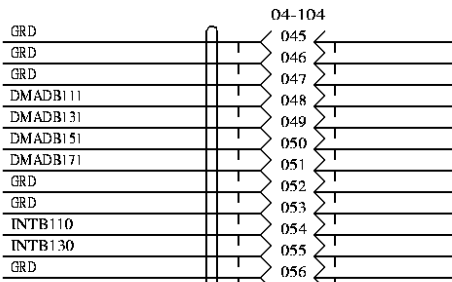
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CONNECTOR
AS



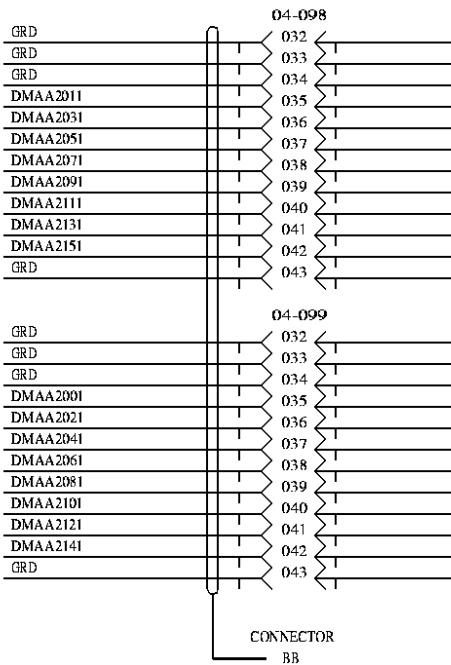
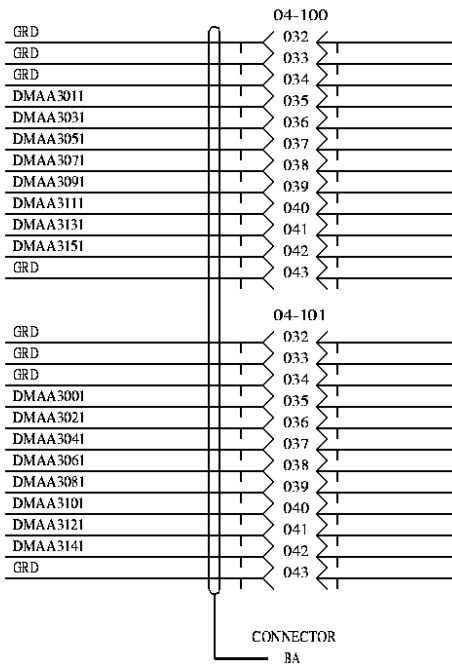
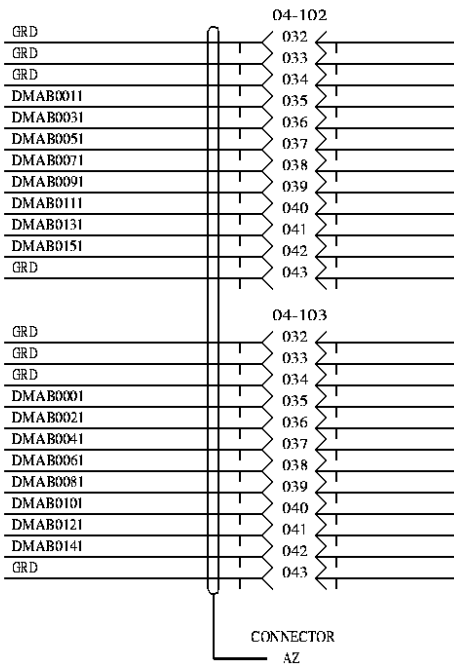
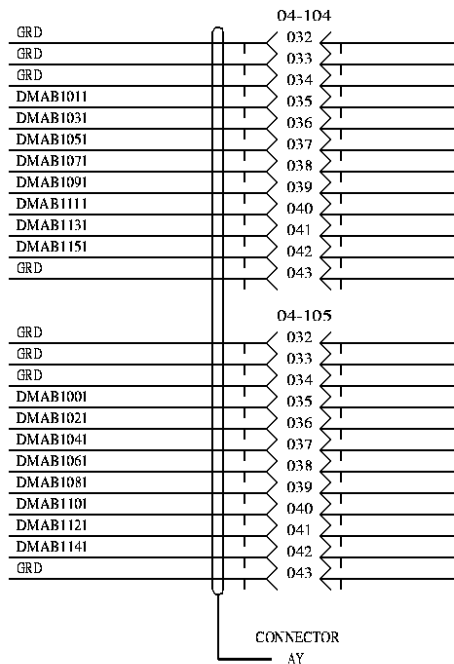
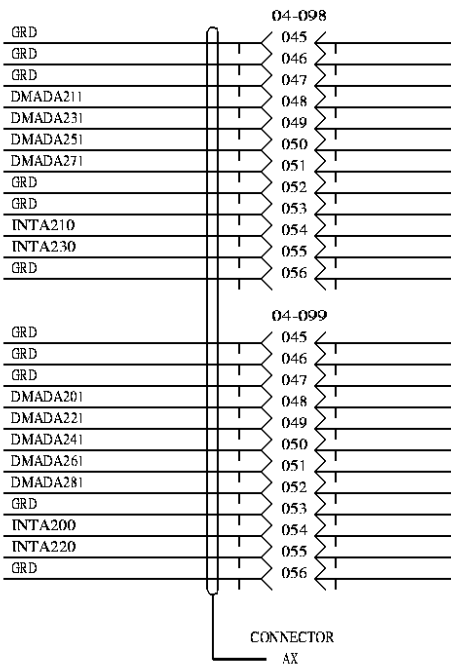
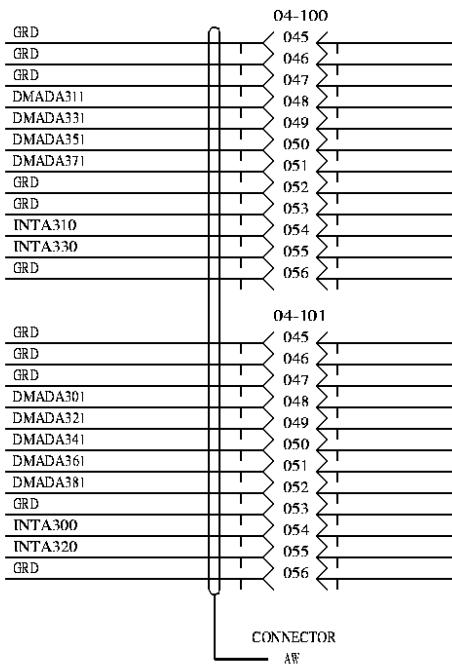
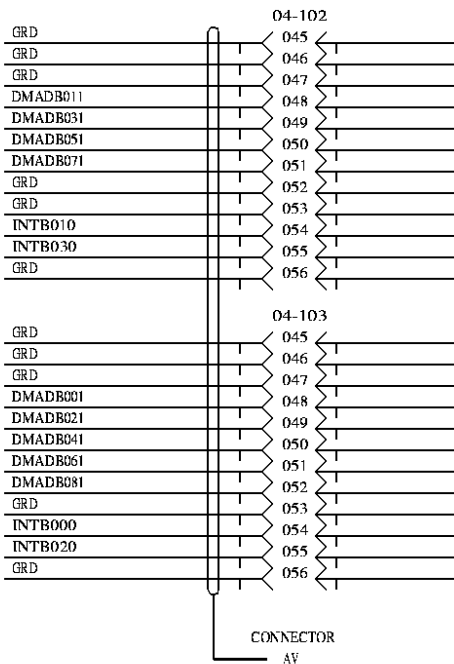
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CONNECTOR
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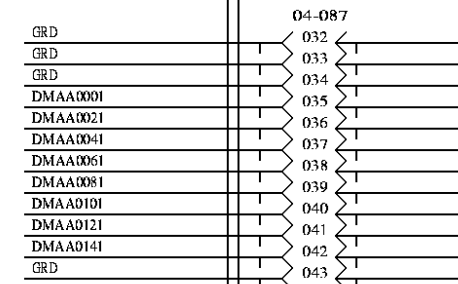
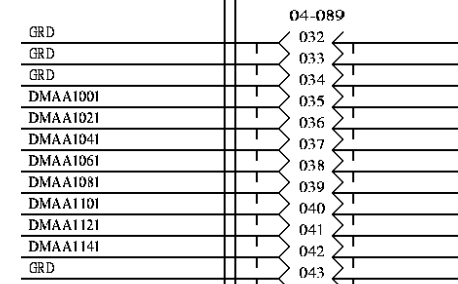
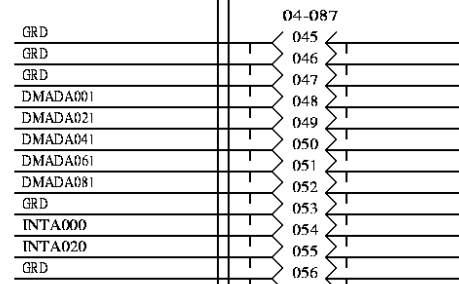
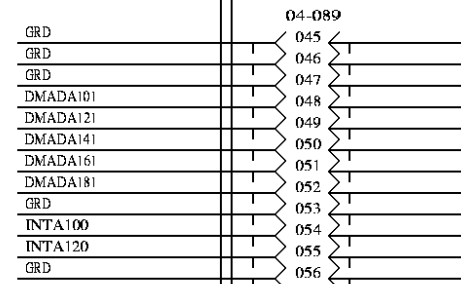
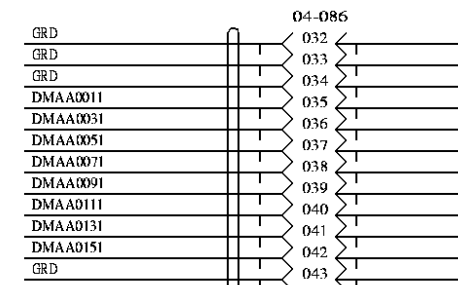
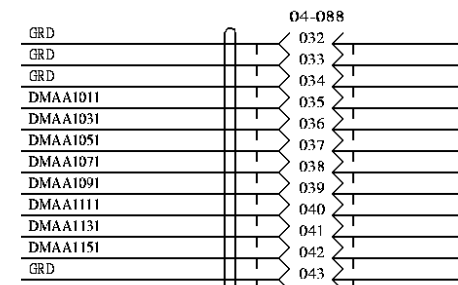
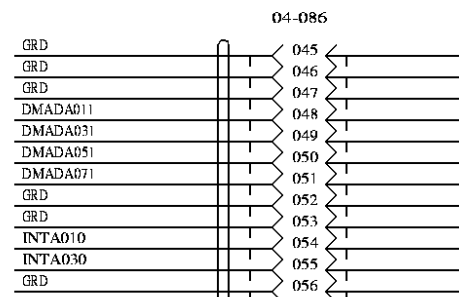
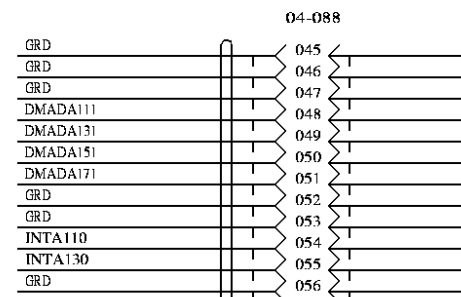
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MESSAGE SWITCH CONTROL UNIT MODEL 2	DWG SIZE	ISSUE
	C2	5M
Lucent Technologies	SD-5D077-01	
	SHEET	GB4

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MESSAGE SWITCH CONTROL UNIT MODEL 2	DWG SIZE	ISSUE
	C2	5M
Lucent Technologies	SD-5D077-01	
	SHEET	GB5

P/O CAD 1

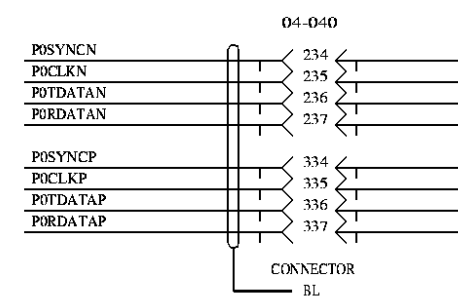
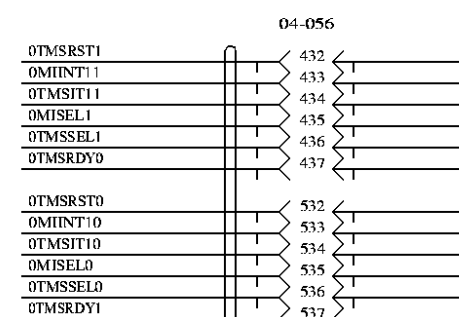
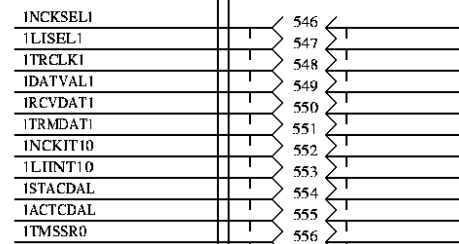
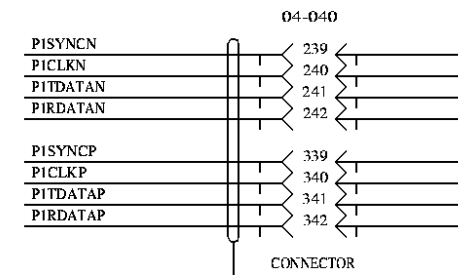
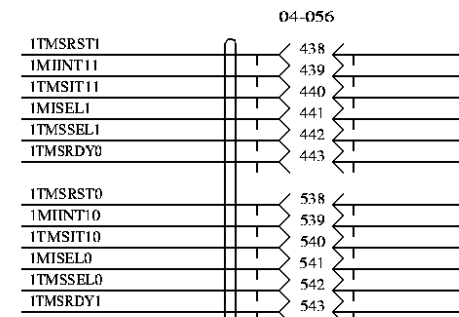
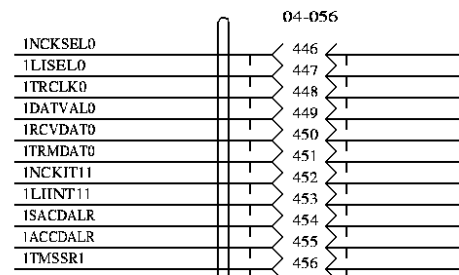
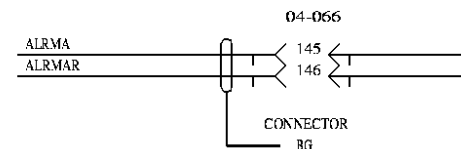


CONNECTOR
BC

CONNECTOR
BD
NOT USED

CONNECTOR
BE

CONNECTOR
BF
NOT USED



CONNECTOR
BH

CONNECTOR
BI

CONNECTOR
BK

CONNECTOR
BL

CONNECTOR
BJ

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MESSAGE SWITCH CONTROL UNIT
MODEL 2

DWG SIZE
C2

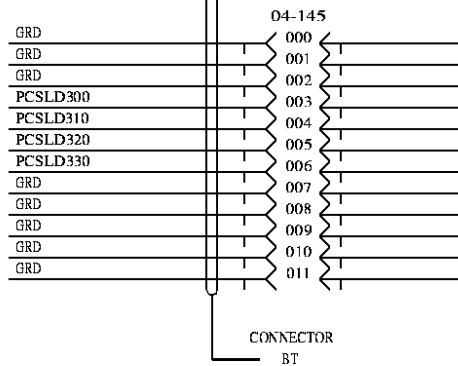
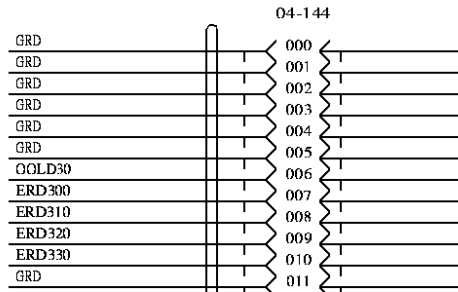
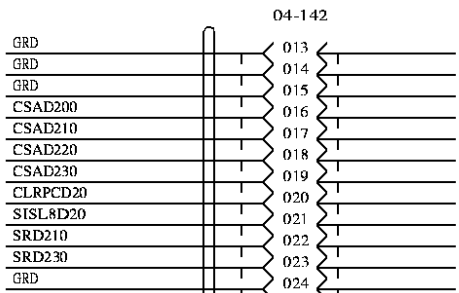
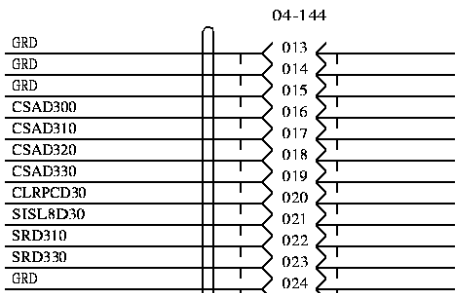
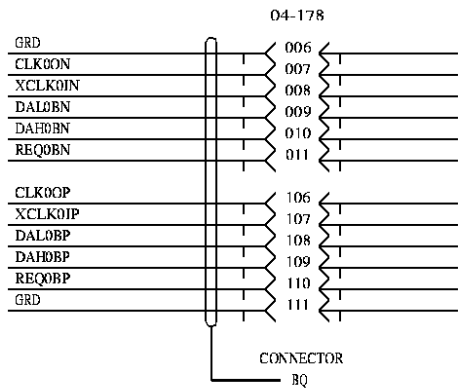
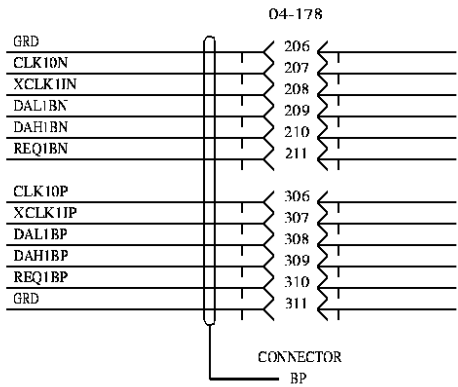
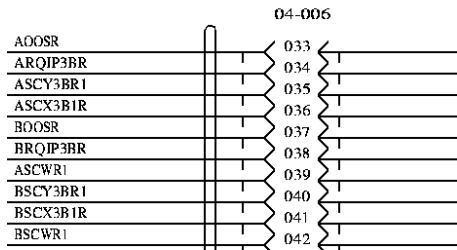
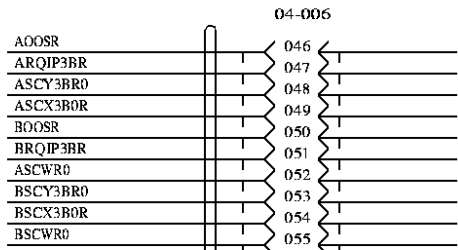
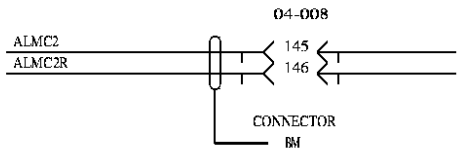
ISSUE
5M

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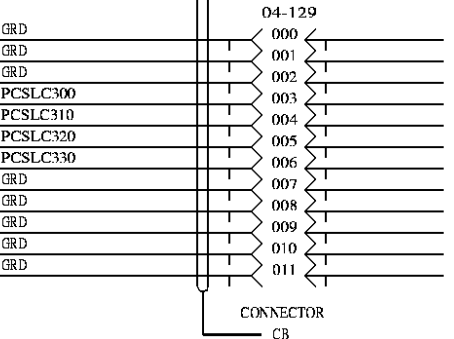
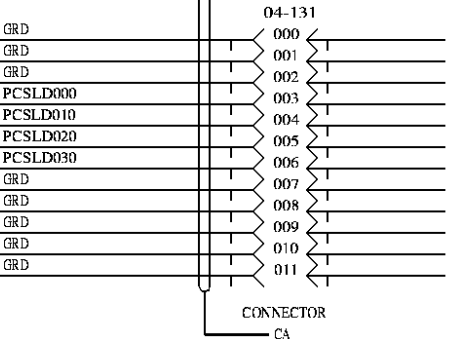
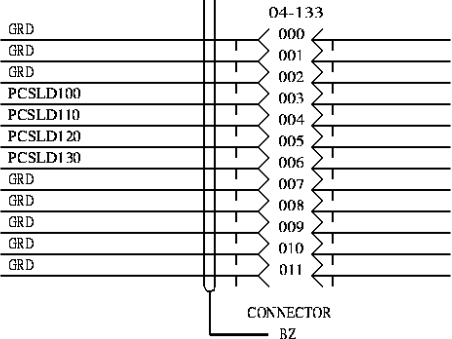
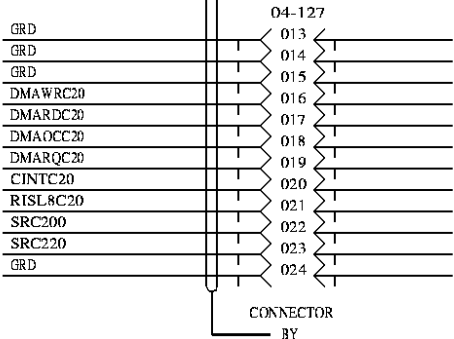
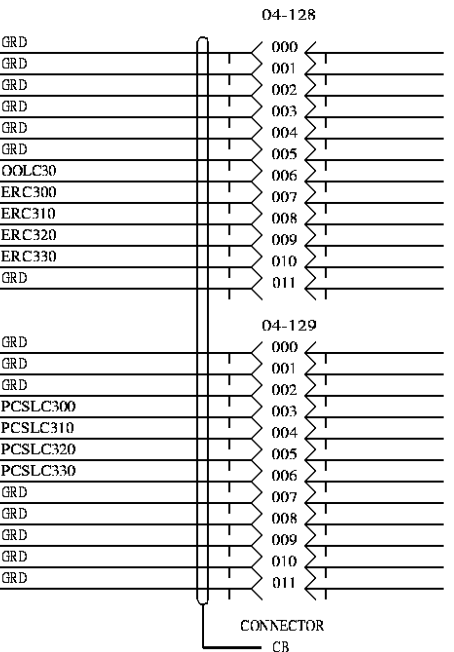
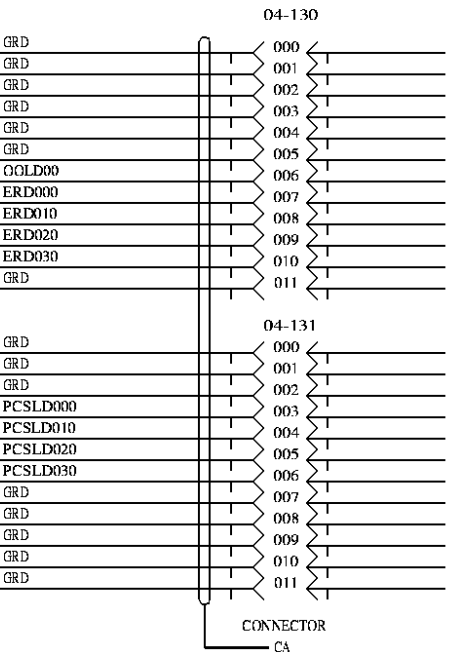
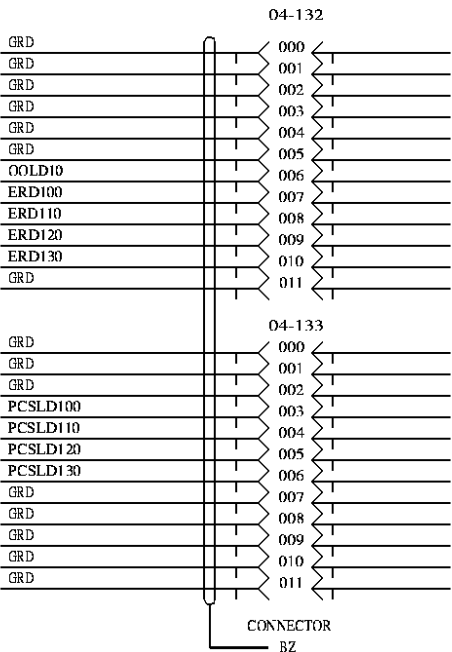
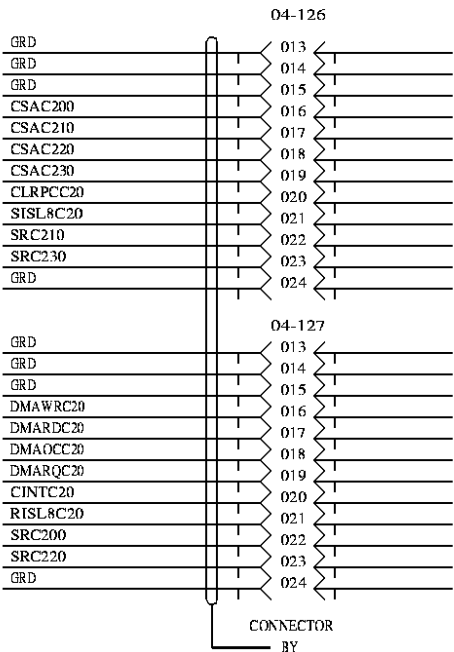
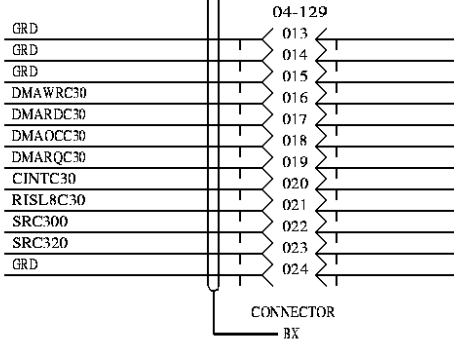
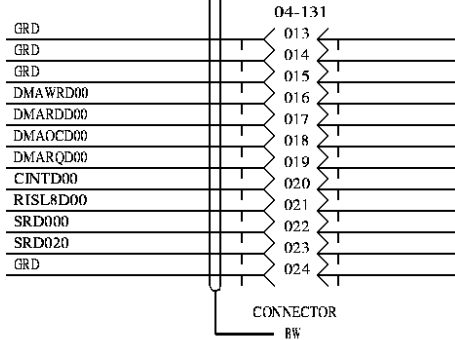
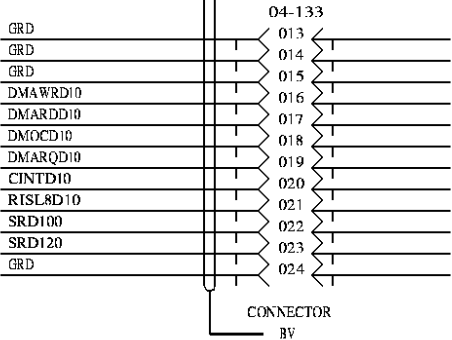
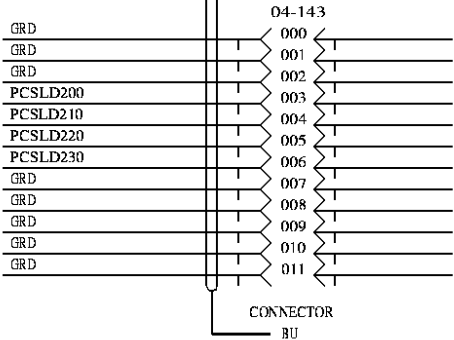
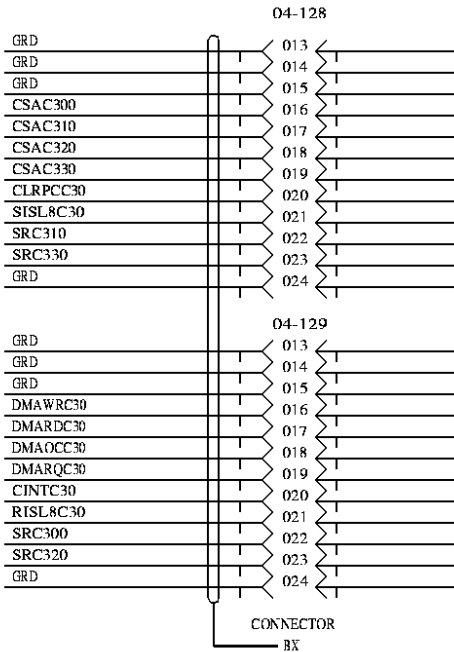
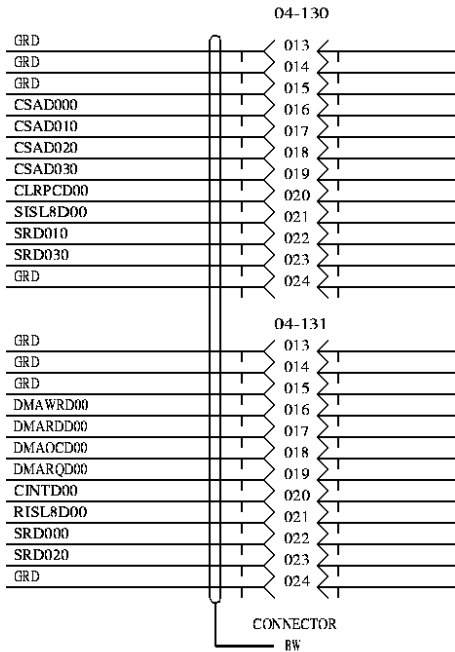
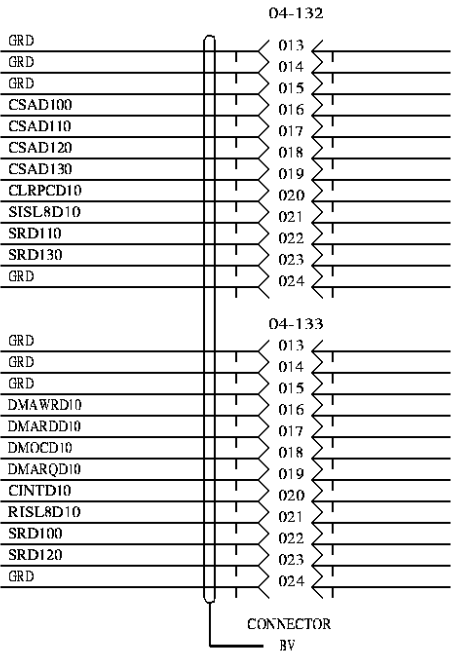
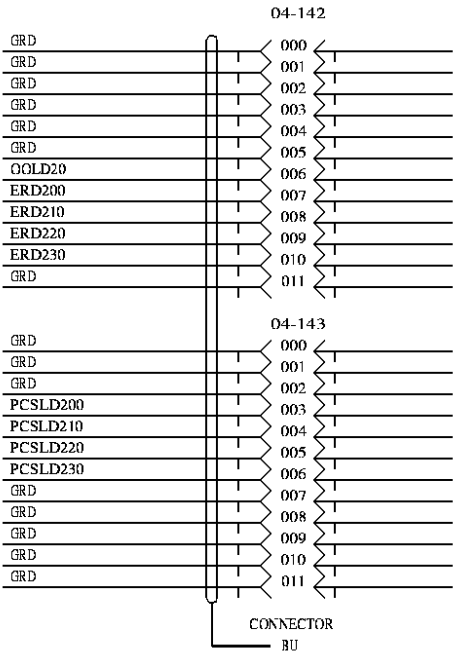
SD-5D077-01

SHEET
GB6

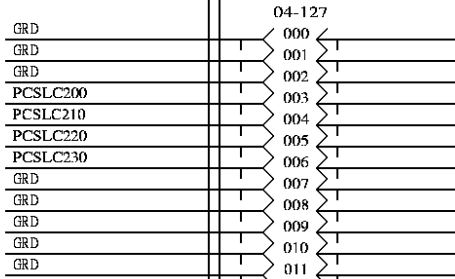
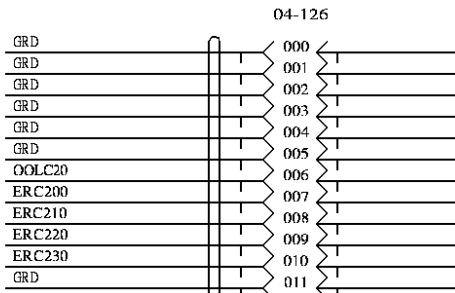
P/O CAD 1



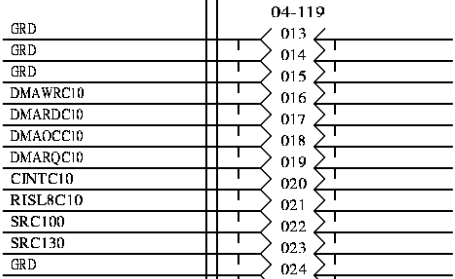
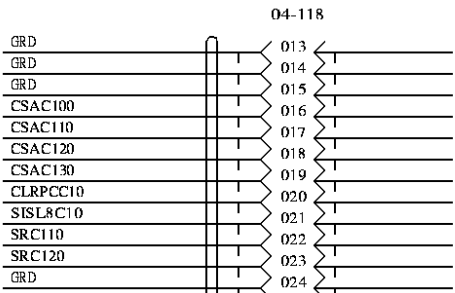
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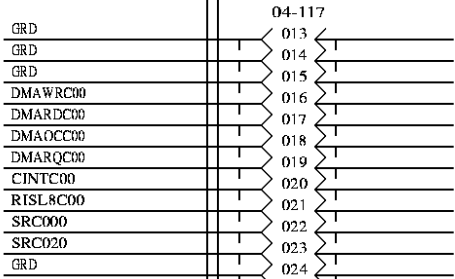
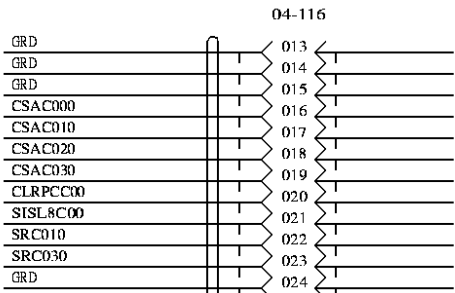
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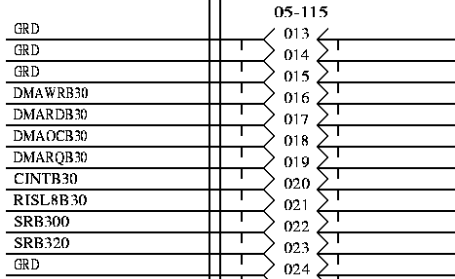
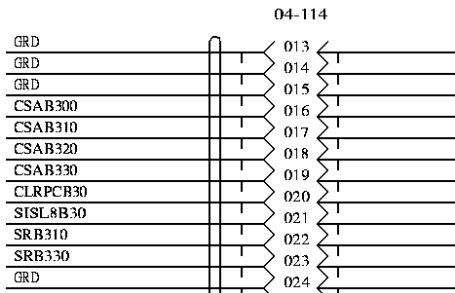
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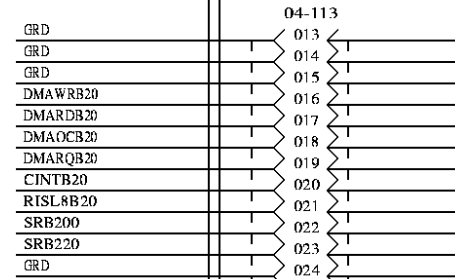
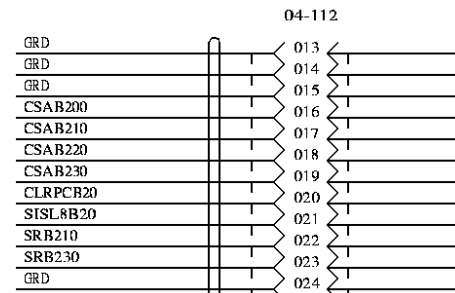
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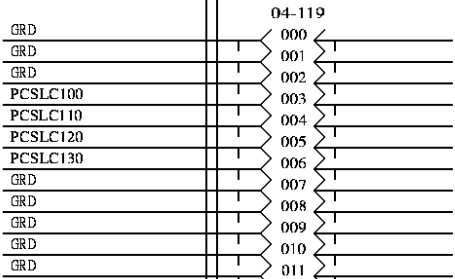
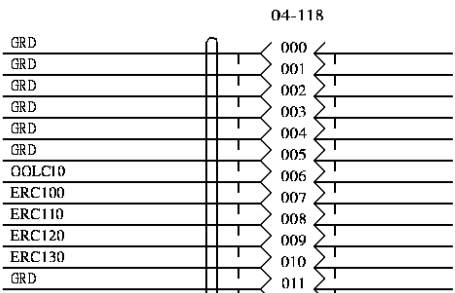
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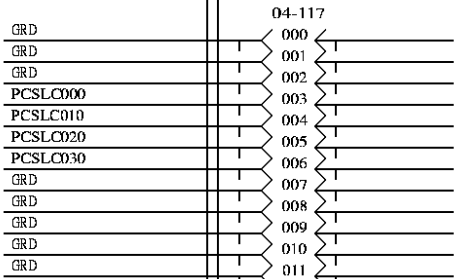
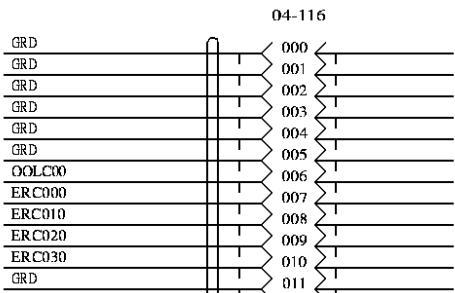
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CONNECTOR
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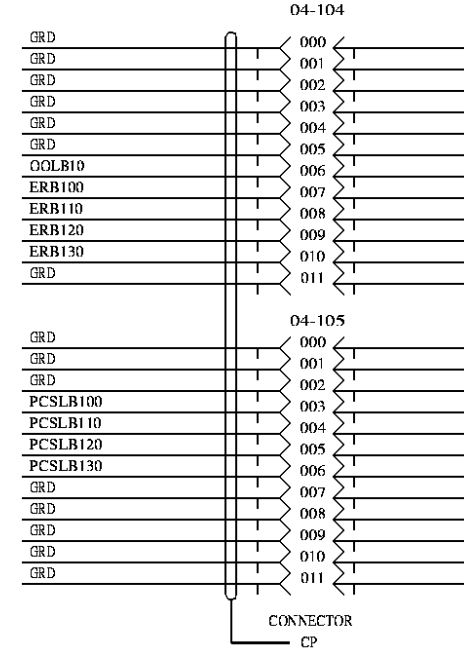
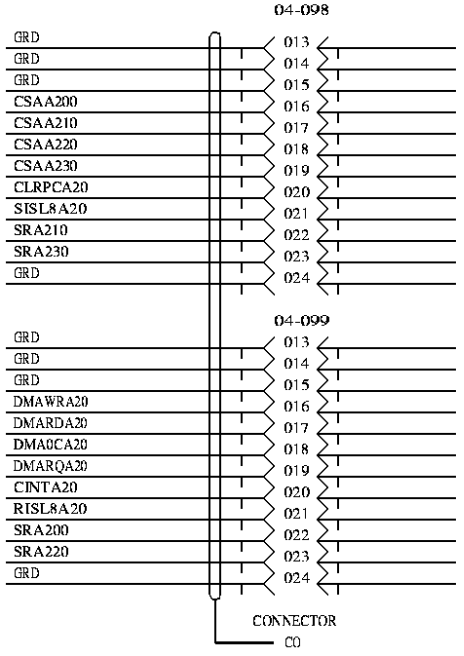
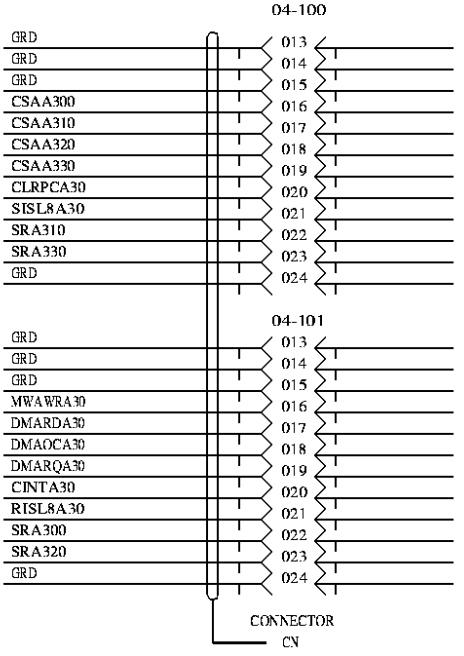
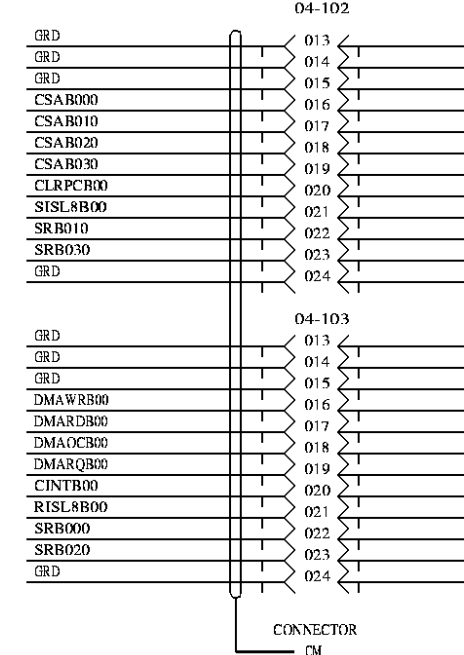
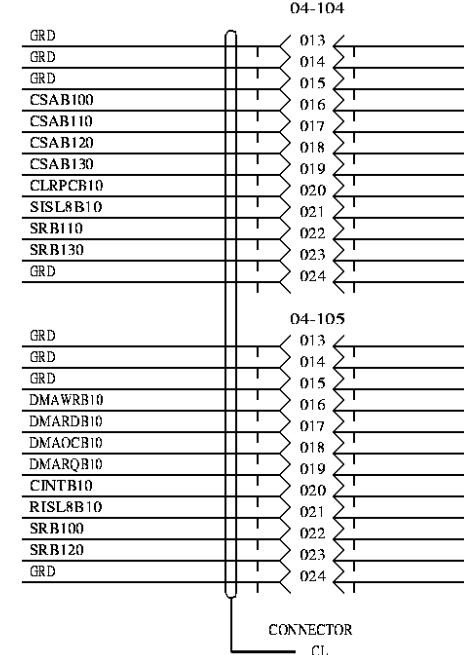
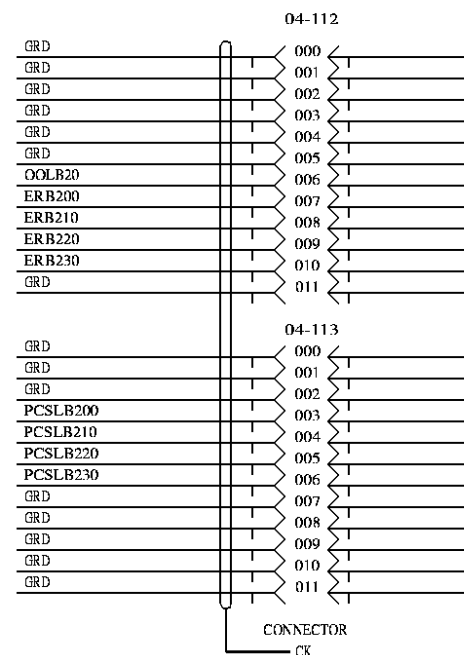
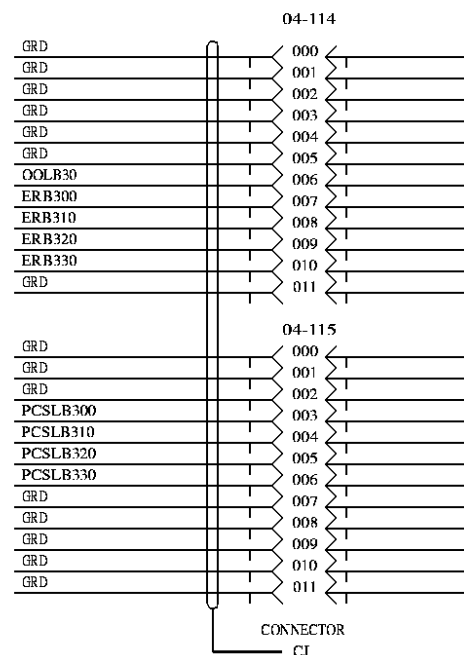
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CONNECTOR
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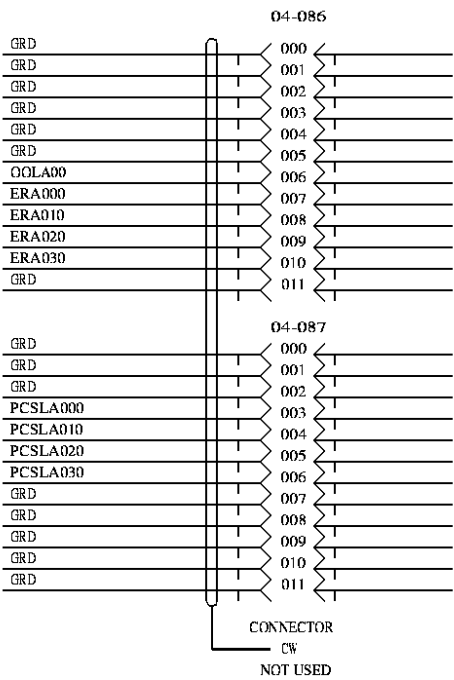
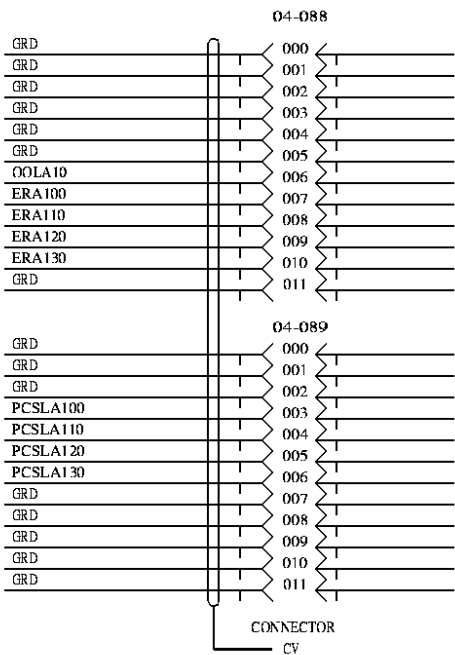
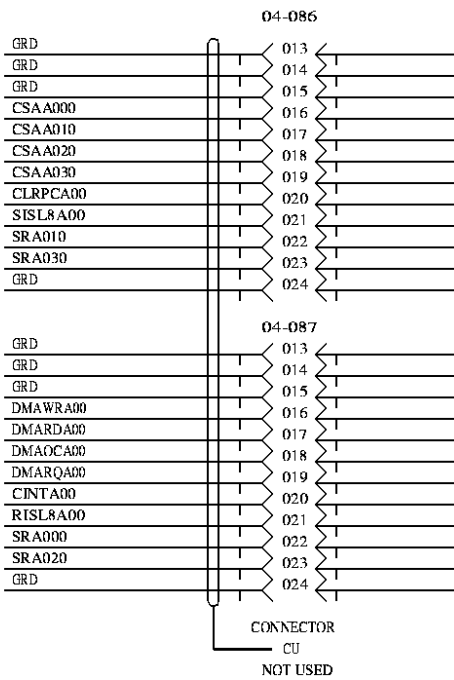
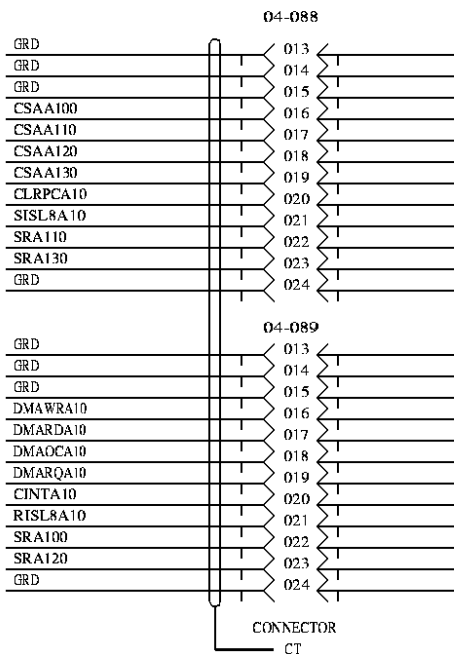
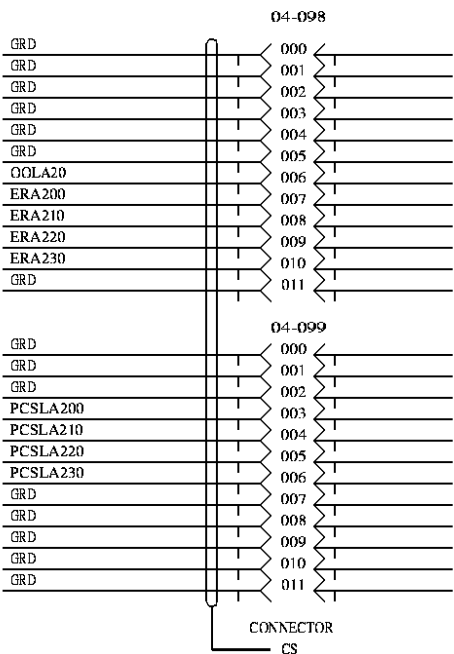
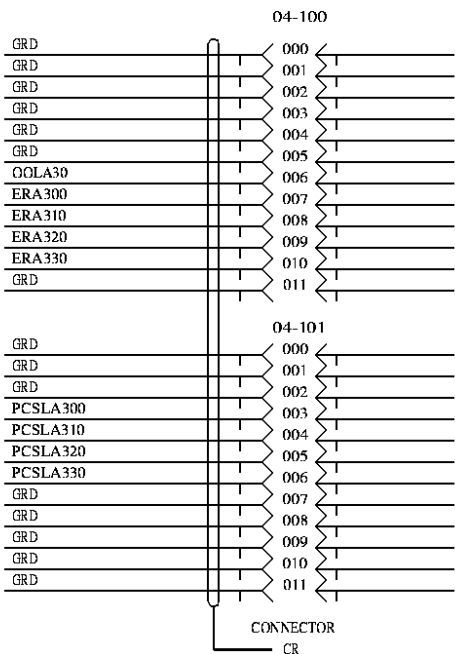
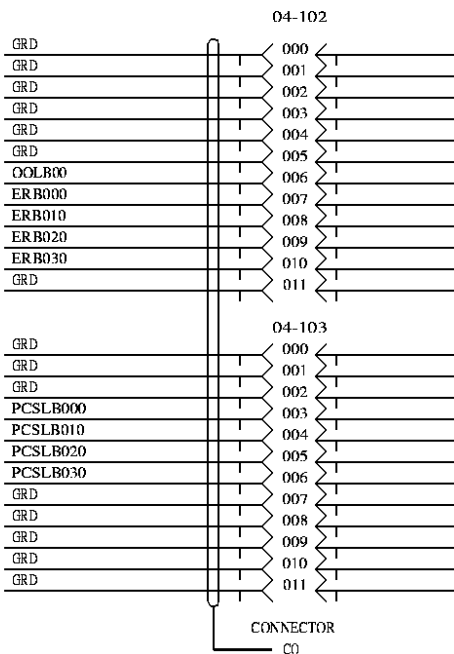
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MESSAGE SWITCH CONTROL UNIT MODEL 2	DWG SIZE	ISSUE
	C2	5M
Lucent Technologies	SD-5D077-01	
	SHEET	GB9

P/O CAD 1



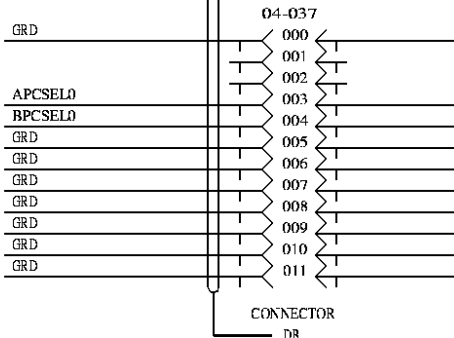
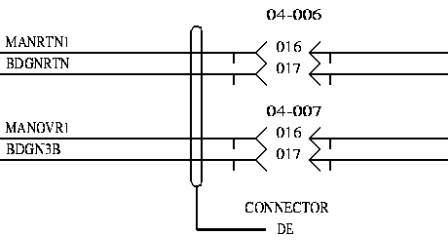
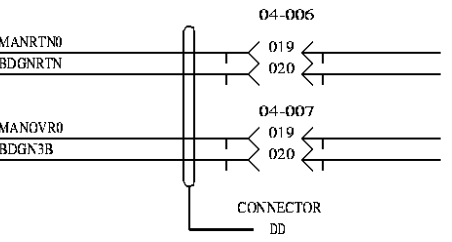
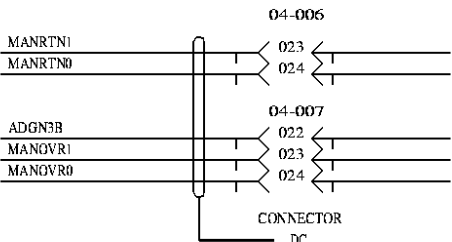
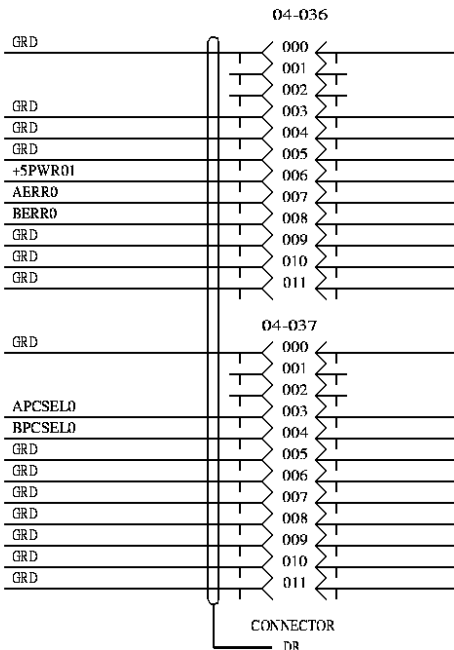
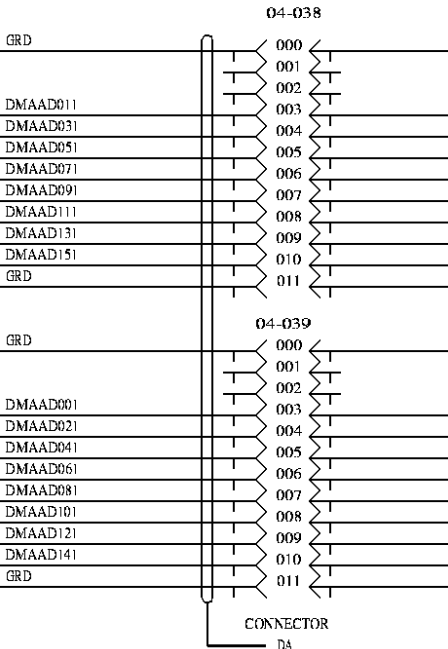
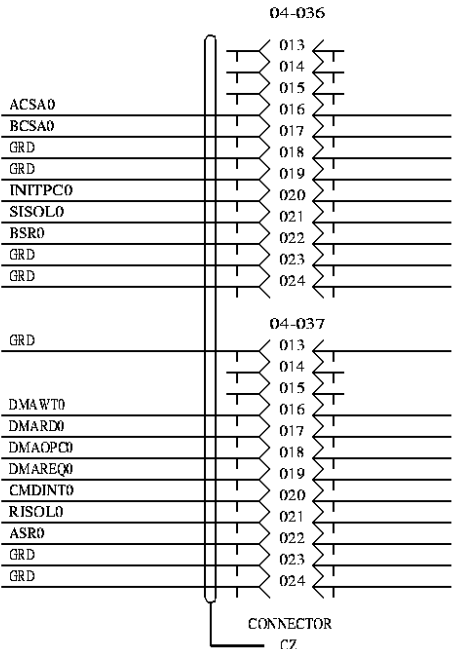
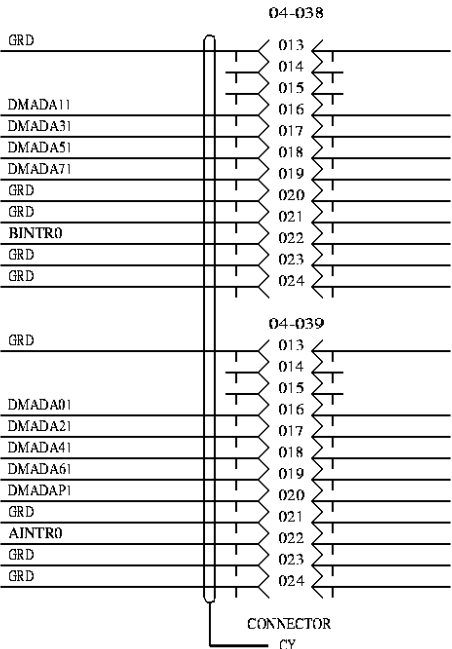
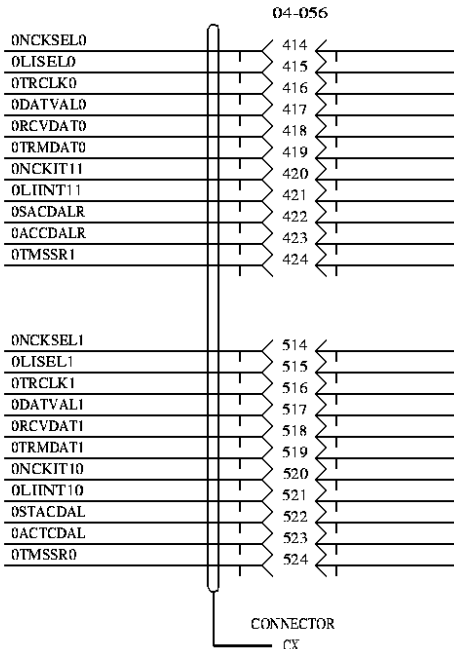
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MESSAGE SWITCH CONTROL UNIT MODEL 2	DWG SIZE	ISSUE
	C2	5M
Lucent Technologies	SD-5D077-01	
	SHEET	GB10

P/O CAD 1



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MESSAGE SWITCH CONTROL UNIT MODEL 2	DWG SIZE	ISSUE
	C2	5M
Lucent Technologies	SD-5D077-01	
	SHEET	GB11

P/O CAD 1



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MESSAGE SWITCH CONTROL UNIT MODEL 2	DWG SIZE	ISSUE
	C2	5M
Lucent Technologies	SD-5D077-01	
	SHEET	GB12

P/O CAD 1

The diagram illustrates the Physical Output CAD 1 for a Message Switch Control Unit Model 2. It shows a grid of connections between input/output lines and internal components. The grid is labeled with letters A through H on the left and right, and numbers 0 through 9 at the top and bottom. Connections are shown as horizontal lines with arrows pointing to specific components like -48RTNA, -48PWRA, GRD, -48RTNB, -48PWRB, and DF. Some connections are labeled with codes like 01-013, 02-013, 07-017, 01-037, 07-037, 01-056, 07-056, 01-075, 02-075, 01-082, 07-082, 01-017, 01-106, 07-106, 07-130, 01-152, 07-152, 01-130, 01-170, 07-170, and 357. A large arrow points from the left towards the grid, and another large arrow points from the right towards the grid.

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MESSAGE SWITCH CONTROL UNIT MODEL 2		ISSUE 5M
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MESSAGE SWITCH CONTROL UNIT MODEL 2			
		DWG SIZE C2	ISSUE 5M
Lucent Technologies	SD-5D077-01		SHEET GB13

DWG SIZE
C2

5M

SD-5D077-01

HEET
ER13

CIRCUIT BLOCK DIAGRAM
 DUPLEX DUAL SERIAL BUS SELECTOR (DDSBS)



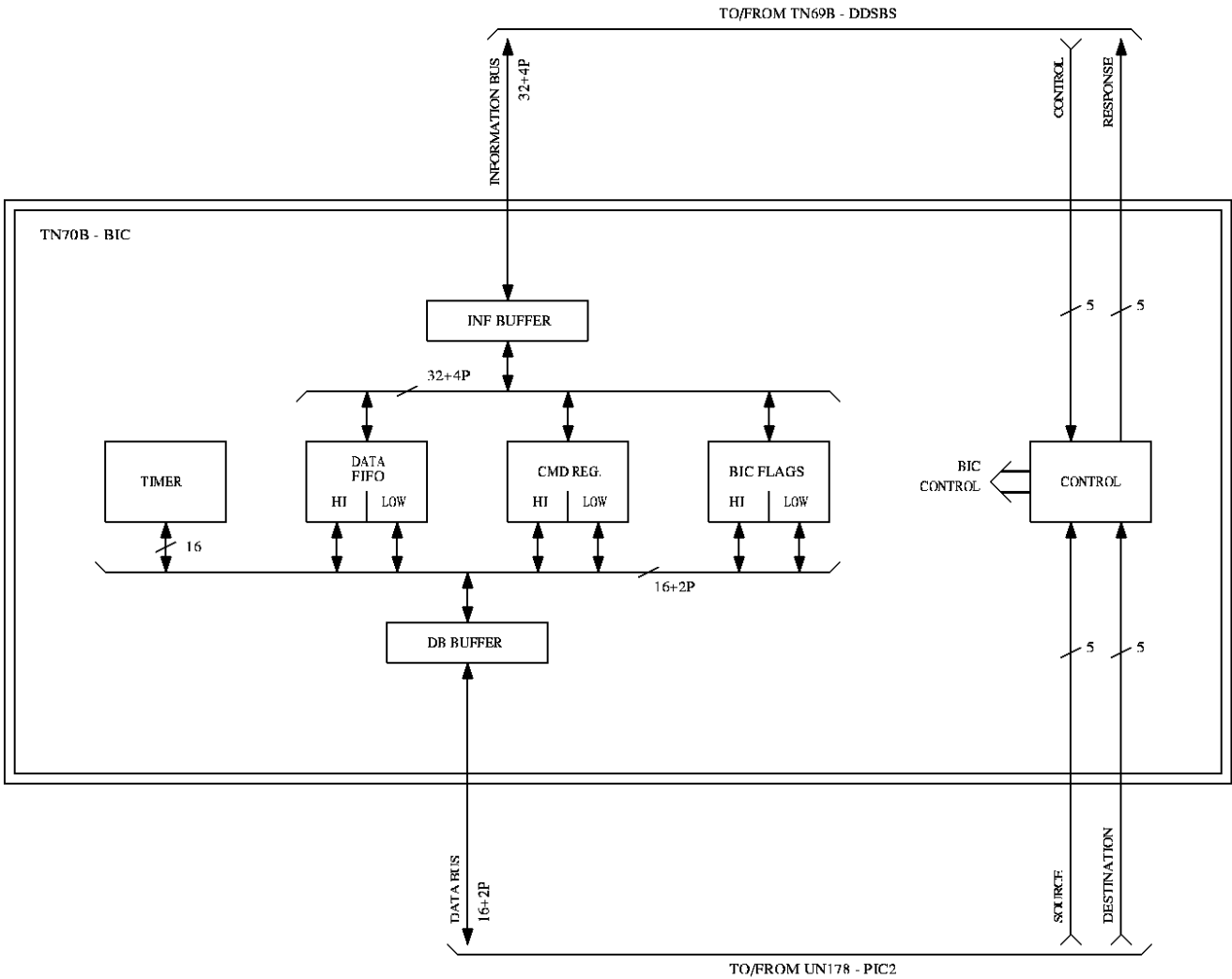
SIGNALING BETWEEN THE AM AND MSCU2 IS COMPATIBLE WITH EIA STANDARD RS422. EACH DDSBS INTERFACES WITH THE DMA UNIT VIA TWO BIDIRECTIONAL DATA LEADS, A TRANSMIT CLOCK, A RECEIVE CLOCK, AND REQUEST LEAD. THE MSC BACKPLANE IS WIRED FOR A 10MHZ DATA RATE FOR CHANNEL 11 OF THE DMA.

THE DDSBS STATUS AND SAVE REGISTER ARE USED FOR
DIAGNOSTICS DURING THE MAINTENANCE MODE.

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MESSAGE SWITCH CONTROL UNIT MODEL 2	DWG SIZE	ISSUE
	C2	5M
Lucent Technologies	SD-5D077-01	SHEET H1

BD 2

CIRCUIT BLOCK DIAGRAM
BUS INTERFACE CONTROLLER (BIC)



NOTES:

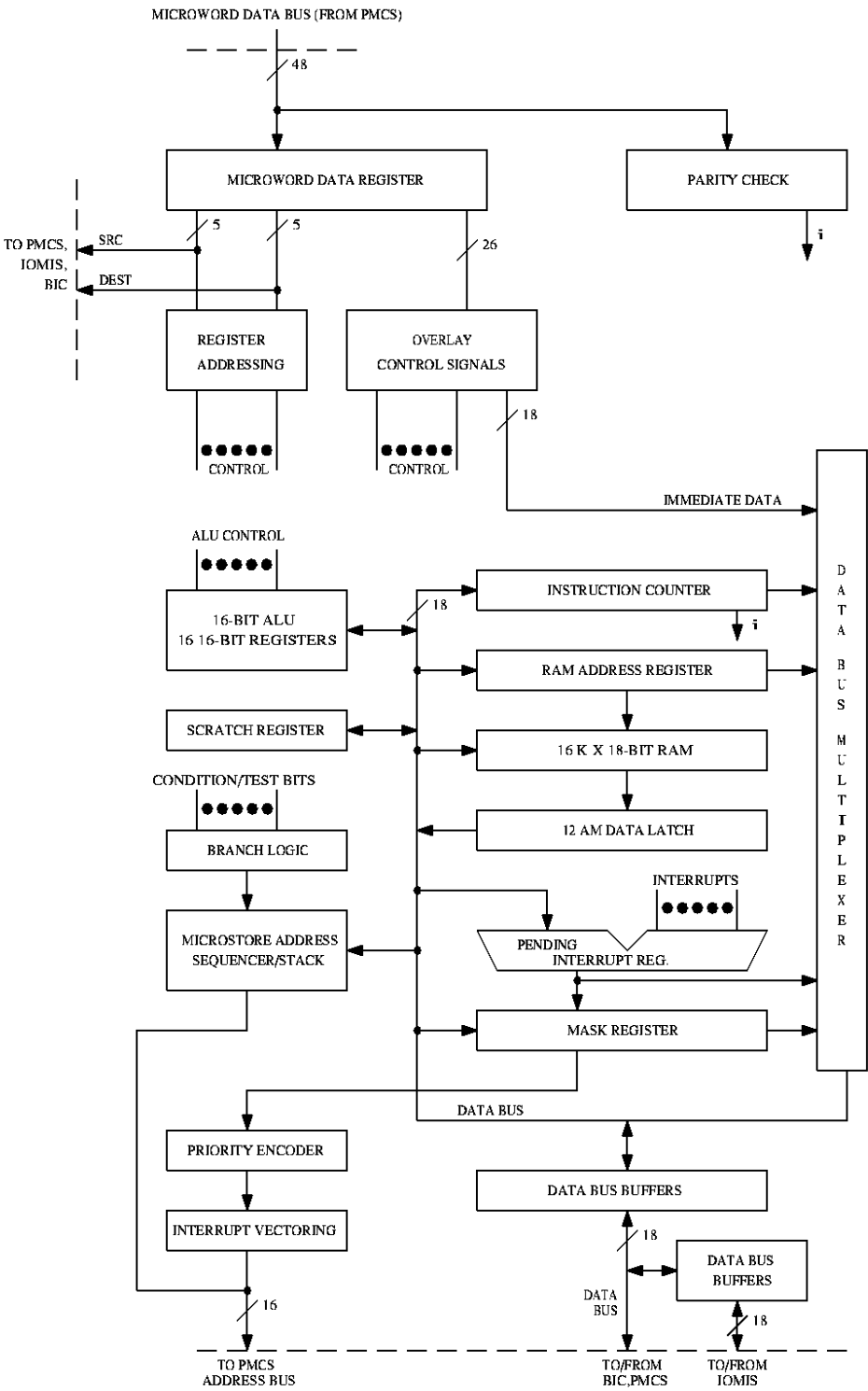
THE BIC CONSISTS OF A 16 BIT SANITY AND INTERVAL TIMER THAT MONITORS SANITY ERRORS AND FOR COMPLETION REPORTS. THE 16 WORD BY 32+4P BIT DATA FIFO HOLDS ONE BLOCK OF INFORMATION DESTINED FOR THE PIC2 OR AM. THE DATA FIFO CAN BE ACCESSED BY EITHER THE PIC2 OR DDSBS. THE 32 BIT COMMAND REGISTER RECORDS COMMANDS FROM THE AM DESTINED FOR THE PIC2. THE 32 BIT STATUS AND ERROR FLAG REGISTER REQUESTS INTERRUPTS AND DMA SERVICE FROM THE AM; ALERTS THE PIC2 TO THE PRESENCE OF AN AM COMMAND PENDING OR DATA TRANSFER REQUESTS; AND RECORDS ERROR CONDITIONS.

INFORMATION IS TRANSFERRED BETWEEN THE DDSBS AND THE BIC OVER A 32+4P INF BUS. THE CONTROL LEADS FROM THE DDSBS TELL THE BIC WHAT TYPE OF INFORMATION IS ON THE INF BUS. THE REGISTERS ON THE BIC ARE READ OR WRITTEN BY THE DDSBS, 32 BITS AT A TIME. THE BIC REGISTERS ARE READ AND WRITTEN BY THE PIC2 16 BITS AT A TIME; FOR THE HI AND LOW BITS OF THE DATA FIFO, COMMAND REGISTER AND BIC FLAGS.

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MESSAGE SWITCH CONTROL UNIT MODEL 2	DWG SIZE	ISSUE
	C2	5M
Lucent Technologies	SD-5D077-01	
		SHEET H2

BD 3

CIRCUIT BLOCK DIAGRAM
PERIPHERAL INTERFACE CONTROLLER - 2 (PIC2)



NOTE:

THE PIC2 PROVIDES THE INTELLIGENCE FOR THE MSCU2. IT CONTROLS THE ACTIVITIES OF THE OTHER BOARDS IN THE MSCU2 AND PROVIDES ALL NECESSARY INTERFACES FOR THESE ACTIVITIES. THE PIC2 DIRECTLY INTERFACES TO UP TO 4 IOMIS, 1 BIC AND 1 PMCS.

THE PIC2 IS THE PROCESSOR BOARD OF THE TWO-BOARD PIC2/PMCS CONTROLLER IN THE MSCU2. THE PIC2 CONTAINS THE FOLLOWING: FOUR 4-BIT SLICES MAKING UP A 16-BIT ARITHMETIC AND LOGIC UNIT (ALU) WITH REGISTER STORAGE, 16K X 18 BITS OF MEMORY, AN INTERRUPT MASK REGISTER, A FORCE INTERRUPT REGISTER, AN INSTRUCTION COUNTER AND A SCRATCH REGISTER. ASSOCIATED WITH THE PMCS ARE THE PMCS SEQUENCER AND THE PIPELINE REGISTER. THE PIC2 ALSO HAS A PRIORITIZED INTERRUPT STRUCTURE AND TEST POINTS WHICH SUPPORT THE FOUR POSSIBLE IOMIS IN THE MSCU2.

THE PIC2 HAS AN INTERNAL AND EXTERNAL 16-BIT DATA BUS WITH TWO PARITY BITS. THIS BUS IS BUFFERED AND SPLIT FOR RELIABLE COMMUNICATIONS WITH OTHER BOARDS IN THE UNIT. ONE OF THE SPLIT DATA BUSES IS CONNECTED TO ALL IOMIS IN THE MSCU2. THE OTHER DATA BUS IS CONNECTED TO THE BIC AND PMCS BOARDS IN THE MSCU2. INTERRUPT SIGNALS FROM THESE OTHER BOARDS INTERFACE TO THE PIC2'S INTERRUPT STRUCTURE.

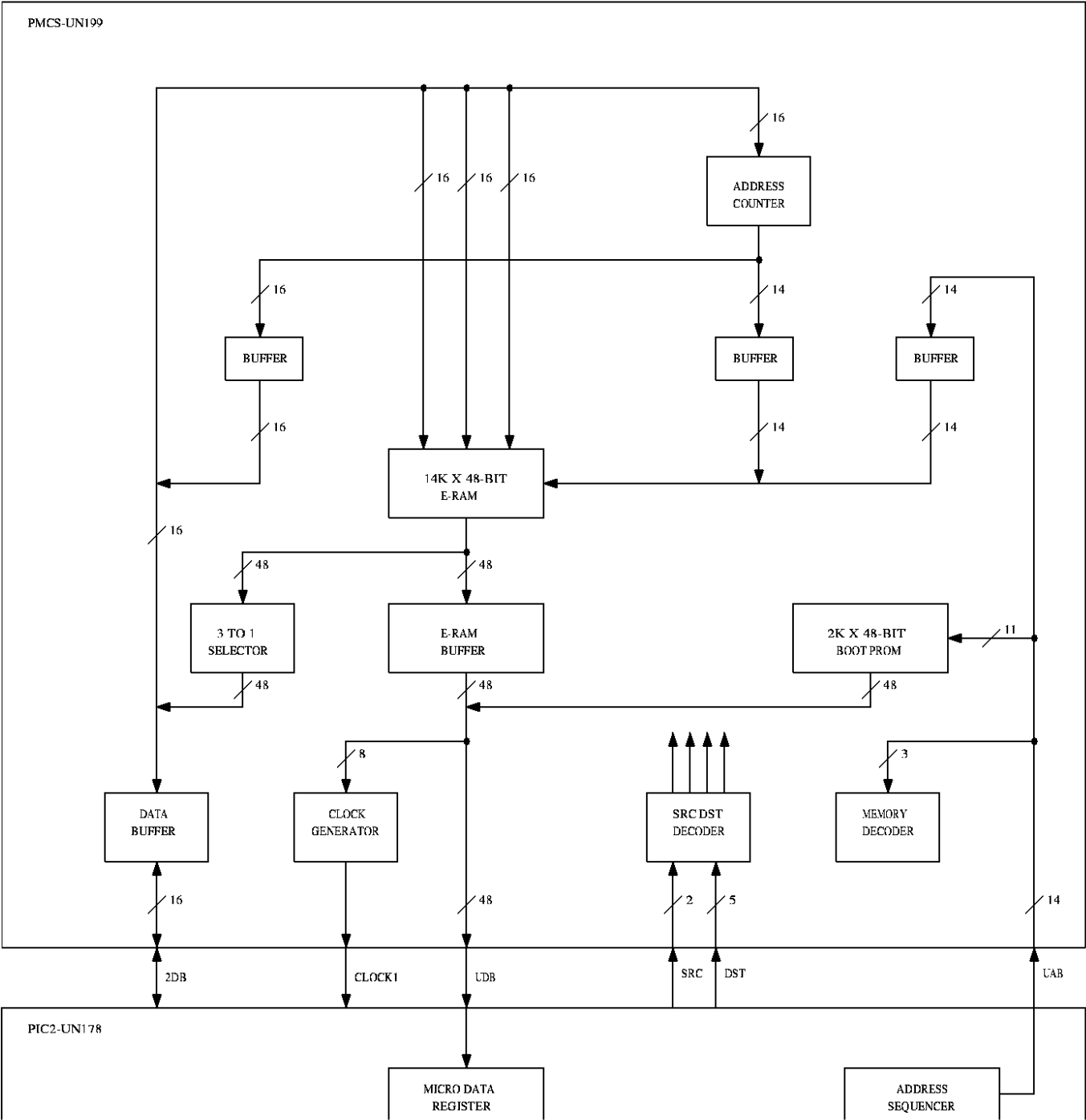
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MESSAGE SWITCH CONTROL UNIT MODEL 2	DWG SIZE	ISSUE
	C2	5M
Lucent Technologies	SD-5D077-01	
		SHEET H3

BD 4

CIRCUIT BLOCK DIAGRAM
PUMPABLE MICROCONTROL STORE (PMCS)

NOTE:

THE PUMPABLE MICROCONTROL STORE (PMCS-UN199) IS THE MEMORY BOARD OF THE TWO-BOARD PERIPHERAL INTERFACE CONTROLLER MODEL 2 (PIC2) CONTROLLER IN THE MESSAGE SWITCH CONTROL UNIT MODEL 2 (MSCU2). THE PIC2 IS ABLE TO READ AND WRITE THE E-RAM AND E-RAM ADDRESS COUNTER THROUGH A BUFFERED 16-BIT BIDIRECTIONAL DATA BUS, A 5-BIT DESTINATION BUS AND TWO SOURCE LEADS DECODED BY THE PIC2. THE PMCS PROVIDES A MICRO CONTROL STORE INTERFACE FOR THE PIC2 THROUGH A 14-BIT MICROWORD ADDRESS BUS AND A 48-BIT MICROWORD DATA BUS. THERE ARE A TOTAL OF FIVE CLOCKS GENERATED BY THE PMCS THAT SYNCHRONIZE THE BUS. INTERFACE CONTROLLER (RIC-TN70B), PIC2-UN178, INPUT OUTPUT MICROPROCESSOR INTERFACE (IOMI-UN25B), AND PMCS-UN199 TO EACH OTHER.



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MESSAGE SWITCH CONTROL UNIT MODEL 2	DWG SIZE	ISSUE
	C2	5M
Lucent Technologies	SD-5D077-01	
		SHEET H4

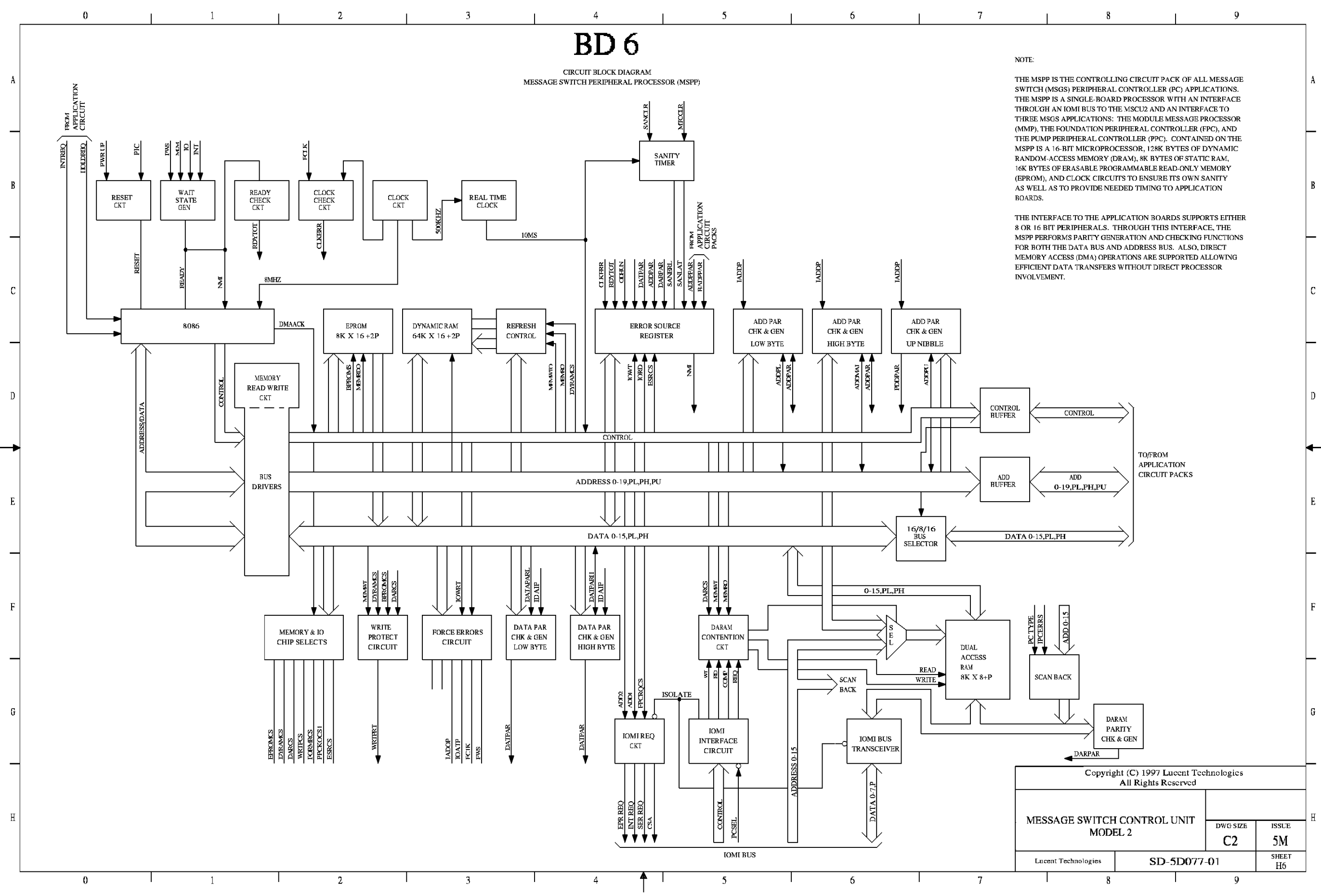
CIRCUIT BLOCK DIAGRAM
INPUT/OUTPUT MICROPROCESSOR (IOM)

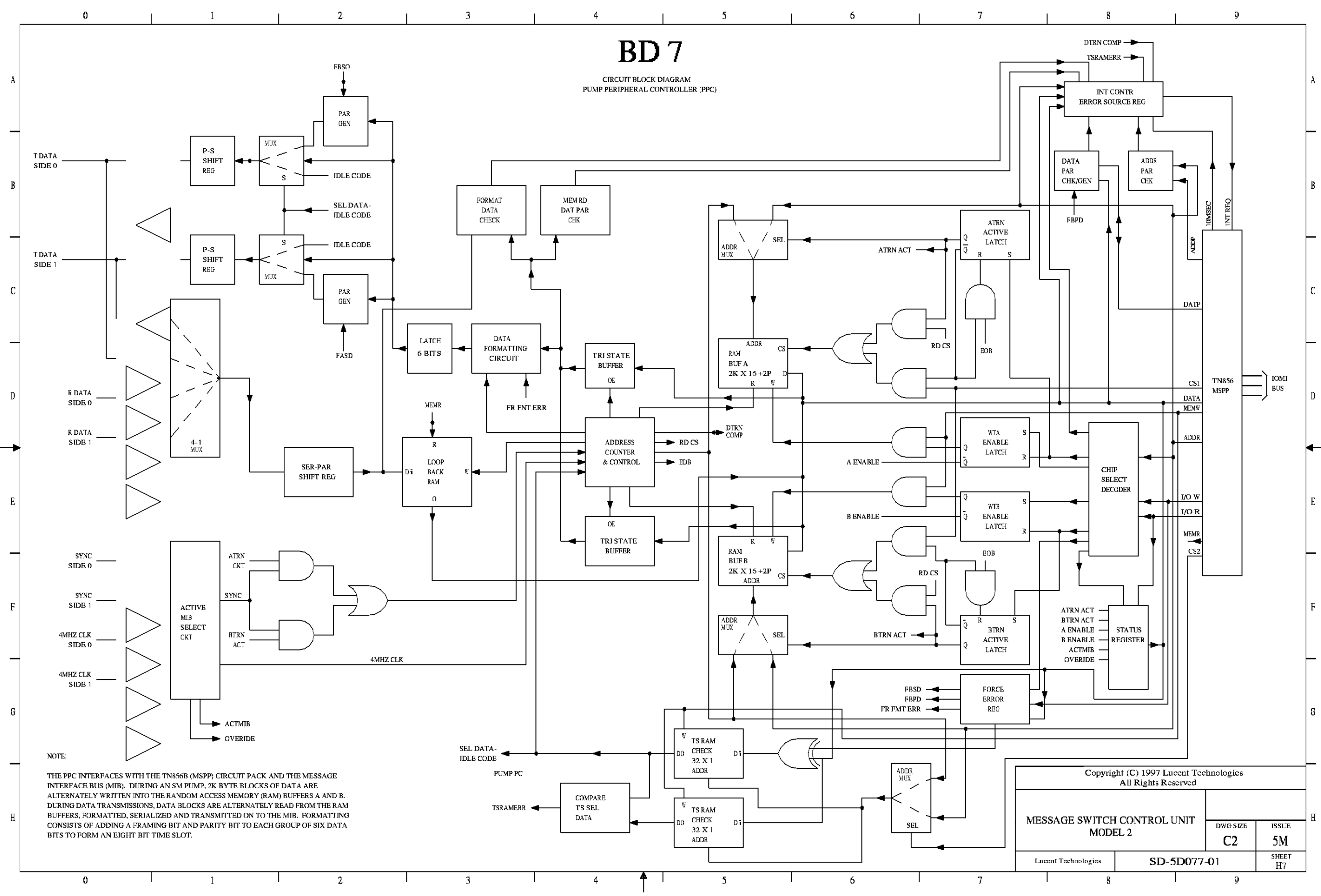


ALL SIGNALS ARE AT TTL LEVELS PAIRED WITH GROUND. EACH COMMUNITY CONSISTS OF A 16 BIT DIRECT MEMORY ACCESS ADDRESS AN 8+1 PARITY BIT BIDIRECTIONAL DATA BUS, 8 CONTROL SIGNALS, AND 1 OUT OF LEVEL SIGNAL. EACH PROCESSOR HAS AN INDIVIDUAL SERVICE, INTERRUPT, ERROR, SERVICE REQUEST, AND CONTROL SIGNAL ACKNOWLEDGE LEAD.

THE IOMI IS UNDER PIC2 CONTROL.

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MESSAGE SWITCH CONTROL UNIT MODEL 2			
		DWG SIZE C2	ISSUE 5M
Lucent Technologies	SD-5D077-01		SHEET H5



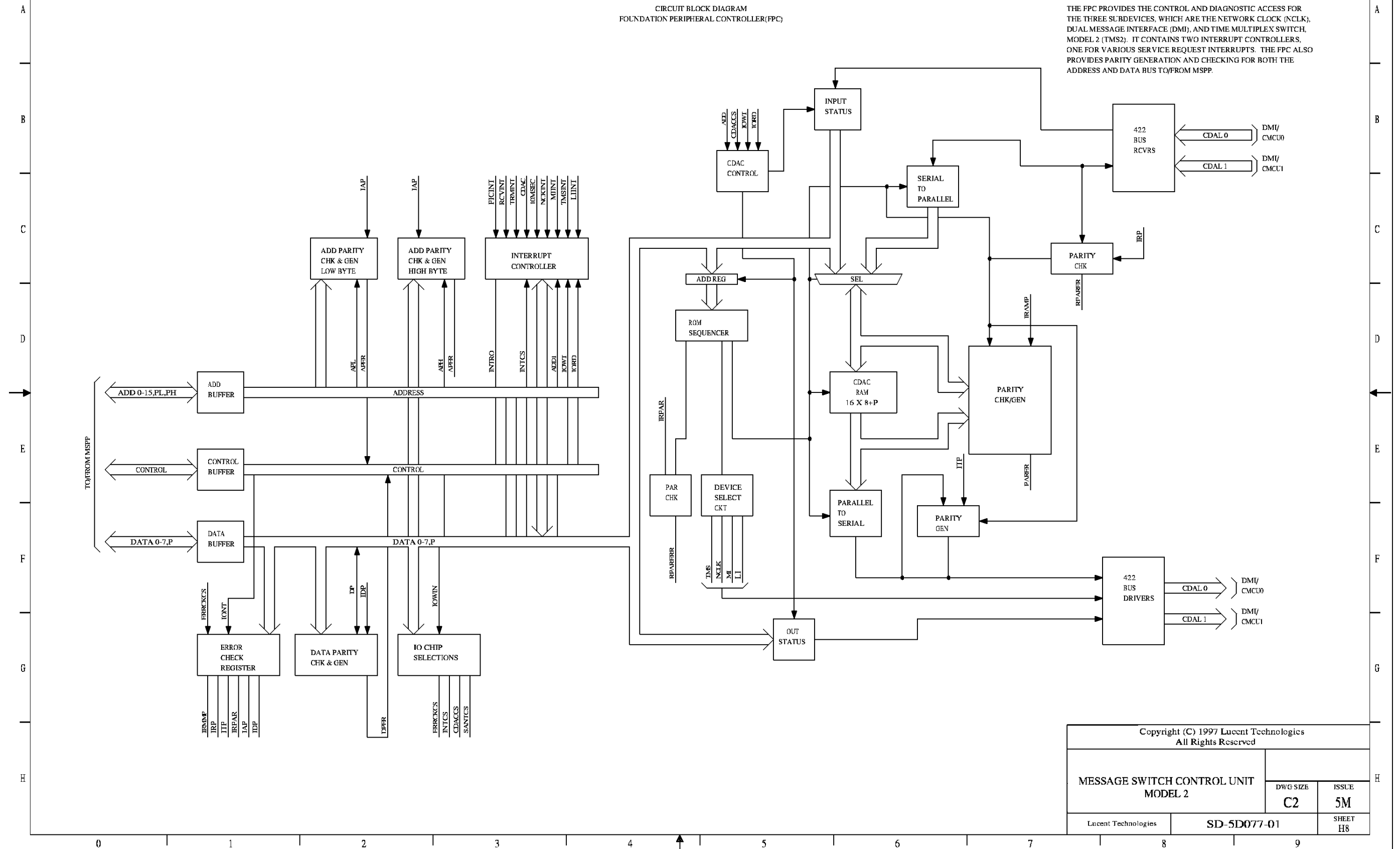


BD 8

CIRCUIT BLOCK DIAGRAM
FOUNDATION PERIPHERAL CONTROLLER(FPC)

NOTE:

THE FPC PROVIDES THE CONTROL AND DIAGNOSTIC ACCESS FOR THE THREE SUBDEVICES, WHICH ARE THE NETWORK CLOCK (NCLK), DUAL MESSAGE INTERFACE (DMI), AND TIME MULTIPLEX SWITCH, MODEL 2 (TMS2). IT CONTAINS TWO INTERRUPT CONTROLLERS, ONE FOR VARIOUS SERVICE REQUEST INTERRUPTS. THE FPC ALSO PROVIDES PARITY GENERATION AND CHECKING FOR BOTH THE ADDRESS AND DATA BUS TO/FROM MSPP.



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MESSAGE SWITCH CONTROL UNIT
MODEL 2

DWG SIZE
C2

ISSUE
5M

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SD-5D077-01

SHEET
H8