SHEET INDEX

CONTENTS	SHEET NO.	SHEET ISSUE NO.
SHEET INDEX, OPTION INDEX, USED ON TABLE, SUPPORTING INFORMATION	A1	2
DESIGNATION MNEMONICS INDEX	A2	2
	A3	2
SHEET NUMBER CANCELED ON DWG ISS 2A	A#1	
APPARATUS INDEX LEAD INDEX	A#2	2
FS 1 MODULE MESSAGE PROCESSORS - SIDE A	B#1AA	1
	B#1AB	2
	B#1AC	1
	B#1AD	2
	B#1AE	1
	B#1AF	2
	B#1AG	1
	B#1AH	2
	B#1AJ	2
	B#1CA	2
	B#1CB	2
	B#1CC	2
	B#1CD	2
	B#1CE	2
	B#1CF	2
	B#1CG	2
	B#1CH	2
	B#1CJ	2
FS 2 CONTROL AND DISPLAY - SIDE A	B#2AA	1
	B#2CA	2
FS 3 MODULE MESSAGE PROCESSORS - SIDE B	B#3AA	1
	B#3AB	1
	B#3AC	1
	B#3AD	1
	B#3AE	1
	B#3AF	1
	B#3AG	1
	B#3AH	1
	B#3AJ	2
	B#3CA	2
	B#3CB	2
	B#3CC	2
	B#3CD	2
	B#3CE	2
	B#3CF	2
	B#3CG	2

CONTENTS (CONT)	SHEET NO.	SHEET ISSU. NO.
FS 4 CONTROL AND DISPLAY - SIDE B	B#4AA	1
	B#4CA	2
APP FIG. 1	C#1	1
APP FIGS. 2-7	C#2	2
APP FIGS. 8-14	C#3	2
CIRCUIT NOTES	D1	1
INFORMATION NOTES	D#1	1
	D#2	1
CAD NOTES	GB1A	2
	GB1B	2
	GB1C	2
CAD 1 - UNIT SYMBOL	GB2	2
	GB3	2
CAD 002,003,004,005,006,P/O CAD 007	GB4	2
P/O CAD 007,CAD 008,009,010,011,012, 013,014	GB5	2
CAD 015,016,017,018,P/O CAD 019	GB6	2
P/O CAD 019,CAD 020,021,022,023	GB7	2
CAD 024,025,026,027,028,029,030,031	GB8	2
CAD 032,P/O CAD 033	GB9	2
P/O CAD 033,CAD 034,035	GB10	2

OPTION INDEX

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
3	STD 1	302,307 308	FS 4
4	STD 1	302,307 308	FS 1
5	STD 1	302,307 308	FS 1
6	STD 1	302,307 308	FS 1
7	STD 1	302,307 308	FS 3
8	STD 1	302,307 308	FS 3
9	STD 1	302,307 308	FS 1
10	STD 1	302,307 308	FS 1
11	STD 1	302,307 308	FS 1
12	STD 1	302,307 308	FS 3
13	STD 1	302,307 308	FS 3
14	STD 1	302,307 308	FS 1

DWG ISSUE	CD ISSUE	DA - ISSUED		
1	1	[illegible]		
2A	APPR 1A	1-8-86		

USED ON

FRAME SD	PROJECT	DSGN CONT
SD-5D146-01	5ESS	IH

SUPPORTING INFORMATION

CATEGORY	NO.
EQUIPMENT DRAWING	J5D006AF-1

Copyright © 1988 AT&T
All Rights Reserved

7T19

5ESS™ SWITCHING EQUIPMENT
MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2
(MSPU2)

PROVISIONAL

DWG SIZE 6B | ISSUE 2A

AT&T BELL LABORATORIES | SD-5D066-01 | SHEET A1 OF 60

DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION
(A,B)+5PWR01	1,3/1	SIDE A OR B, PLUS 5 VOLTS POWER
(A,B)-48PWR	2,4/1	SIDE A OR B, MINUS 48 VOLTS FEED
(A,B)-48RTN	2,4/1	SIDE A OR B, MINUS 48 VOLTS RETURN
(A,B)(A,B)ACNACK	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, CONTROLLER A ACKNOWLEDGE
(A,B)(A,B)ACNREQ	1,3/3,7	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, CONTROLLER A REQUEST
(A,B)(A,B)ADDPE (A,B)	1,3/3, 4,7,8	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, ADDRESS PARITY ERROR, A OR B SLOT (TN858)
(A,B)(A,B)ADD2PE	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, ADDRESS PARITY
(A,B)(A,B)AMIBER	1,3/3,7	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, A SLOT (TN858), MESSAGE INTERFACE BUS ERROR REGISTER
(A,B)(A,B)BCNACK	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, CONTROLLER B ACKNOWLEDGE
(A,B)(A,B)BCNREQ	1,3/3,7	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, CONTROLLER B REQUEST
(A,B)(A,B)BMIBER	1,3/4,8	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, B SLOT (TN858), MESASGE INTERFACE BUS ERROR REGISTER
(A,B)(A,B)CNACK	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, CONTROLLER C ACKNOWLEDGE
(A,B)(A,B)CCNREQ	1,3/4,8	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, CONTROLLER C REQUEST
(A,B)(A,B)CLMIBE	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, C SLOT (TN858), MESSAGE INTERFACE BUS ERROR REGISTER
(A,B)(A,B)CMDINT	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, COMMAND INTERRUPT
(A,B)(A,B)CRPAR (A,B)	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, CHECK RECEIVE PARITY, A OR B SLOT (TN858)
(A,B)(A,B)CSA0	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, CONTROL SIGNAL ACKNOWLEDGE, ACTIVE LOW
(A,B)(A,B)CTPAR (A,B)	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSDR A OR B, CHECK TRANSMIT PARITY, A OR B SLOT (TN858)
(A,B)(A,B)DATPE (A,B)	1,3/3, 4,7,8	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, DATA PARITY ERROR, A OR B SLOT (TN858)
(A,B)(A,B)DAT2PE	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, DATA TWO PARITY ERROR

MNEMONIC	ES/SYM	DEFINITION
(A,B)(A,B)DCNACK	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, CONTROLLER D ACKNOWLEDGE
(A,B)(A,B)DCNREQ	1,3/4,8	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, CONTROLLER D REQUEST
(A,B)(A,B)EBYBYT	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, ENABLE BYTE BYTE
(A,B)(A,B)EHIBYT	1,3/3,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, ENABLE HIGH BYTE
(A,B)(A,B)LOBYT	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, ENABLE LOW BYTE
(A,B)(A,B)ERR0	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, ERROR SENT TO PERIPHERAL INTERFACE CONTROLLER
(A,B)(A,B)E2MHZX	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EARLY 2 MHZ EXTERNAL CLOCK
(A,B)(A,B)INTR0	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, INTERRUPT TO PERIPHERAL INTERFACE CONTROLLER, ACTIVE LOW
(A,B)(A,B)INVPAR	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, INVERT PARITY
(A,B)ALMC(1,2)	2,4/1,2	SIDE A OR B ALARM CIRCUIT 1 OR 2
(A,B)(A,B)L2MHZX	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, LATE 2 MHZ EXTERNAL CLOCK
(A,B)(A,B)MITDT (A,B)	1,3/3, 4,7,8	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, MESSAGE INTERFACE BUS TRANSMIT DATA, A OR B SLOT (TN858)
(A,B)(A,B)MP2BEQ	1,3/4,8	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, MODULE MESSAGE PROCESSOR 2, B SLOT EQUIPPED
(A,B)(A,B)PBHEQ	1,3/3,7	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, PERIPHERAL BUS HIGH ENABLE, ACTIVE LOW
(A,B)(A,B)PCSEL0	1,3/3,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, PERIPHERAL CONTROLLER SELECT, ACTIVE LOW
(A,B)(A,B)PUMPCS	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, PUMP PERIPHERAL CONTROLLER CHIP SELECT
(A,B)(A,B)P(1,2) IN	1,3/1,3, 5,7	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EQUIPPED APPLICATION PIN 1 OR 2
(A,B)(A,B)RASOK1	1,3/3,7	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, ENABLE ROW ADDRESS SELECT, ACTIVE HIGH
(A,B)(A,B)RVCKE (A,B)	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, RECEIVE CLOCK ENABLE, A OR B SLOT (TN858)

MNEMONIC	ES/SYM	DEFINITION
(A,B)(A,B)RVSEL (A,B)	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, RECEIVE DATA SELECT, A OR B SLOT (TN858)
(A,B)(A,B)RVTSDA	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, RECEIVE TIME SLOT DATA
(A,B)(A,B)SELTPA	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, SELECT TRANSMIT PARITY
(A,B)(A,B)SR0	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, SERVICE REQUEST, ACTIVE LOW
(A,B)(A,B)TLDCN (A,B)	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, TRANSMIT LOAD CLOCK INVERTED, A OR B SLOT (TN858)
(A,B)(A,B)TRCKE (A,B)	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, TRANSMIT CLOCK ENABLE, A OR B SLOT (TN858)
(A,B)(A,B)TRSEL (A,B)	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, TRANSMIT SELECT, A OR B SLOT (TN858)
AATS(0-7)(R,T)IN	1/3,4	MODULE MESSAGE PROCESSOR AA, TIME SLOT (0-7), RECEIVE OR TRANSMIT INTERRUPT
ABTS(0-7)(R,T)IN	1/7,8	MODULE MESSAGE PROCESSOR AB, TIME SLOT 0-7, RECEIVE DR TRANSMIT INTERRUPT
BATS(0-7)(R,T)IN	3/3,4	MODULE MESSAGE PROCESSOR BA, TIME SLOT 0-7, RECEIVE OR TRANSMIT INTERRUPT
BBTS(0-7)(R,T)IN	3/7,8	MODULE MESSAGE PROCESSOR BB, TIME SLOT 0-7, RECEIVE OR TRANSMIT INTERRUPT
(A,B)(A,B)ULDCK (A,B)	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, UTILITY ACCESS CIRCUIT EQUIP
(A,B)(A,B)XADDPH	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL ADDRESS PARITY HIGH
(A,B)(A,B)XADDPL	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL ADDRESS PARITY LOW
(A,B)(A,B)XADDPU	1,3/3,7	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL ADDRESS PARITY UPPER
(A,B)(A,B)XADD (00-19)	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTEPNAL ADDRESS LEAD (00-19)
(A,B)(A,B)XALPGE	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL ALLOW PROGRAMMING ERROR
(A,B)(A,B)XCLK86	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL CLOCK 8086
(A,B)(A,B)XCLRES	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL CLEAR ERROR DETECTION CIRCUIT, ACTIVE LOW
(A,B)(A,B)XCNTWS	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL CONTINUOUS WAIT STATES

MNEMONIC	ES/SYM	DEFINITION
(A,B)(A,B)XCSWIN	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL CHIP SELECT WINDOW
(A,B)(A,B)XC4MHZ	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL CLOCK, 4 MHZ
(A,B)(A,B)XDATPH	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL DATA PARITY HIGH
(A,B)(A,B)XDATPL	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL DATA PARITY LOW
(A,B)(A,B)XDAT (00-15)	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL DATA LEAD (00-15)
(A,B)(A,B)XDIRRW	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL DIRECTION (ACTIVE LOW) READ, (ACTIVE HIGH) WRITE
(A,B)(A,B)XDYRWS	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL DYNAMIC RAM WAIT STATE, ACTIVE LOW
(A,B)(A,B)XD86TR	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL DIRECTION 8086, (ACTIVE HIGH) TRANSMIT, (ACTIVE LOW) RECEIVE
(A,B)(A,B)XFUNCN	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL FUNCTION ENABLE
(A,B)(A,B)XHDACK	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL HOLD ACKNOWLEDGE
(A,B)(A,B)XHDREQ	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL HOLD REQUEST
(A,B)(A,B)XINACK	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL INTERRUPT ACKNOWLEDGE
(A,B)(A,B)XINREQ	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL INTERRUPT REQUEST
(A,B)(A,B)XIORDO	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL INPUT/OUTPUT READ, ACTIVE LOW
(A,B)(A,B)XIOWTO	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL INPUT/OUTPUT WRITE, ACTIVE LOW
(A,B)(A,B)XLATCH	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL LATCH, ACTIVE LOW
(A,B)(A,B)XMEMIO	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL MEMORY, INPUT/OUTPUT

COPYRIGHT (C) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE: D
ISSUE: 2A

AT&T BELL LABORATORIES | SD-5D066-01 | A2

PRINTED IN U.S.A.

DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION
(A,B)(A,B)XMEMRD	1,3/3,7	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL MEMORY READ
(A,B)(A,B)XMEMWT	1,3/3,7	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL MEMORY WRITE
(A,B)(A,B)XPWRRS	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL POWER RESTART
(A,B)(A,B)X10MIN	1,3/1,5	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL 10 MILLISECOND INTERRUPT
(A,B)(A,B)X25CR (A,B)	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL BX.25 PROTOCOL CLOCK RECEIVE, A OR B SLOT (TN858)
(A,B)(A,B)X25CT (A,B)	1,3/2,6	SIDE A OR B, MODULE MESSAGE PROCESSOR A OR B, EXTERNAL BX.25 PROTOCOL CLOCK TRANSMIT, A OR B SLOT (TN858)
(A,B)CMDINTO	1,3/1	MODULE MESSAGE PROCESOR (A,B), COMMAND INTERRUPT, ACTIVE LOW
(A,B)DMAAD(00-15)	1,3/1	SIDE A OR B, DIRECT MEMORY ACCESS ADDRESS 00-15
(A,B)DMADAP1	1,3/1	SIDE A OR B, DIRECT MEMORY ACCESS DATA PARITY, ACTIVE HIGH
(A,B)DMADA(00-07)	1,3/1	SIDE A OR B, DIRECT MEMORY ACCESS DATA 00-07
(A,B)DMAOPCO	1,3/1	SIDE A OR B, DIRECT MEMORY ACCESS OPERATION COMPLETE, ACTIVE LOW
(A,B)DMARDO	1,3/1	SIDE A OR B, DIRECT MEMORY ACCESS READ, ACTIVE LOW
(A,B)DMAREQO	1,3/1	SIDE A OR B, DIRECTOR MEMORY ACCESS REQUEST, ACTIVE LOW
(A,B)DMAWTO	1,3/1	SIDE A OR B, DIRECT MEMORY ACCESS WRITE, ACTIVE LOW
(A,B)INITPCO	1,3/1	SIDE A OR B, INITIALIZE PERIPHERAL CONTROLLER, ACTIVE LOW
(A,B)NCURPR	1,3/2	SIDE A OR B, NEGATIVE CURRENT PROGRAMMING RESISTOR LEAD
(A,B)OOS+I	2,4/1	SIDE A OR B, MARK CONVERTER OUT OF SERVICE
(A,B)OOS-I	2,4/1	SIDE A OR B, -48 POWER OUT OF SERVICE
(A,B)OOSR	2,4/2	SIDE A OR B, SCAN AND DISTRIBUTE OUT OF SERVICE RETURN
(A,B)OOS3B	2,4/2	SIDE A OR B, SCAN AND DISTRIBUTE OUT OF SERVICE
(A,B)PCURPR	1,3/2	SIDE A OR B, POSITIVE CURRENT PROGRAMMING RESISTOR LEAD
(A,B)RISOLO	1,3/1	SIDE A OR B, RESET ISOLATE, ACTIVE LOW
(A,B)ROIP3B	2,4/2	SIDE A OR B, SCAN AND DISTRIBUTE REQUEST IN PROCESS
(A,B)ROIP3BR	2,4/2	SIDE A OR B, SCAN AND DISTRIBUTE REQUEST IN PROCESS RETURN

MNEMONIC	ES/SYM	DEFINITION
(A,B)RS(1-3)	2,4/2	SIDE A OR B, REMOTE START AND SHUTDOWN (1-3)
(A,B)RVS	2,4/1	SIDE A OR B, REMOTE VOLTAGE SENSE
(A,B)SCXR	2,4/2	SIDE A OR B, SCAN AND DISTRIBUTE SCAN POINT X RETURN
(A,B)SCX3B	2,4/2	SIDE A OR B, SCAN AND DISTRIBUTE SCAN POINT X
(A,B)SCYR	2,4/2	SIDE A OR B, SCAN AND DISTRIBUTE SCAN POINT Y RETURN
(A,B)SCY3B	2,4/2	SIDE A OR B, SCAN AND DISTRIBUTE SCAN POINT Y
(A,B)SISOLO	1,3/1	SIDE A OR B, SET ISOLATE, ACTIVE LOW
(A,B)SQADDR(8,9)	1,3/2	SIDE A OR B, SEQUENCER ADDRESS 8 OR 9
(A,B)OCLK(N,P)	1,3/2	SIDE A OR B, SIDE 0, CLOCK (NEGATIVE, POSITIVE)
(A,B)ORDATA(N,P)	1,3/2	SIDE A OR B, SIDE 0, RECEIVE DATA (NEGATIVE, POSITIVE)
(A,B)OSYNC(N,P)	1,3/2	SIDE A OR B, SIDE 0, SYNC (NEGATIVE, POSITIVE)
(A,B)OTDATA(N,P)	1,3/2	SIDE A OR B, SIDE 0, TRANSMIT DATA (NEGATIVE, POSITIVE)
(A,B)(01,05)TVLP (B-D)	CAD 019, 033,1, 3/1,5	SIDE A OR B, (01,05) TEST VECTOR LOOP (B-D)
(A,B)(02-04)TVLP (A-D)	CAD 019, 032,1, 3/2-4	SIDE A OR B, (02-04) TEST VECTOR LOOP (A-D)
(A,B)(06-08)TVLP (A-D)	CAD 019, 032,1, 3/6-8	SIDE A OR B, (06-08) TEST VECTOR LOOP (A-D)
(A,B)1CLK(N,P)	1,3/2	SIDE A OR B, SIDE 1, CLOCK (NEGATIVE, POSITIVE)
(A,B)1RDATA(N,P)	1,3/2	SIDE A OR B, SIDE 1, RECEIVE DATA (NEGATIVE, POSITIVE)
(A,B)1SYNC(N,P)	1,3/2	SIDE A OR B, SIDE 1, SYNC (NEGATIVE, POSITIVE)
(A,B)1TDATA(N,P)	1,3/2	SIDE A OR B, SIDE 1, TRANSMIT DATA (NEGATIVE, POSITIVE)
GRD(EQL)	FS1-4	GROUND FOR ALL EQUIPMENT LOCATIONS
P(0,1)CLK(N,P)	1/3	PUMP PERIPHERAL CONTROLLER SIDE 0 OR 1 CLOCK (NEGATIVE, POSITIVE)
P(0,1)RDATA(N,P)	1/3	PUMP PERIPHERAL CONTROLLER SIDE 0 OR 1 RECEIVE DATA (NEGATIVE, POSITIVE)
P(0,1)SYNC(N,P)	1/3	PUMP PERIPHERAL CONTROLLER SIDE 0 OR 1 SYNC (NEGATIVE, POSITIVE)
P(0,1)TDATA(N,P)	1/3	PUMP PERIPHERAL CONTROLLER SIDE 0 OR 1 TRANSMIT DATA (NEGATIVE, POSITIVE)
SPARE (01-40)	CADS	SPARE LEADS (01-40)
TPCLK6BL	1/3	TEST POINT CLOCK 6-BIT LATCH
TPCSBUF(A,B)	1/3	TEST POINT CHIP SELECT BUFFER (A,B)

MNEMONIC	ES/SYM	DEFINITION
TPDTRCOM	1/3	TEST POINT DATA TRANSFER COMPLETE
TPFRMTST	1/3	TEST POINT DATA FORMATTING TEST
TPGENFRB	1/3	TEST POINT GENERATE FRAMING BIT
TPMUX(00-15)	1/3	TEST POINT MULTIPLEXED FORMATTED DATA (00-15)
TPRDPARE	1/3	TEST POINT READ PARITY ERROR
TPTSRAME	1/3	TEST POINT TIME SLOT SELECT RAM ERROR
TPWTDAEN	1/3	TEST POINT WRITE DATA ENABLE
(0,1)ACCDALR	1/7	SIDE 0 OR 1, CONTROL AND DIAGNOSTIC ACCESS LINK, ACTIVE FPC STATUS RETURN
(0,1)ACTCDAL	1/7	SIDE 0 OR 1, CONTROL AND DIAGNOSTIC ACCESS LINK, ACTIVE FPC STATUS
(0,1)DATVAL(0,1)	1/7	SIDE 0 OR 1, DATA VALID (POSITIVE, INVERTED)
(0,1)LIINT(10,11)	1/7	SIDE 0 OR 1, LINK INTERFACE INTERRUPT (POSITIVE, INVERTED)
(0,1)LISEL(0,1)	1/7	SIDE 0 OR 1, LINK INTERFACE SELECT (POSITIVE, INVERTED)
(0,1)MIINT(10,11)	1/7	SIDE 0 OR 1, MESSAGE INTERFACE INTERRUPT (POSITIVE, INVERTED)
(0,1)MISEL(0,1)	1/7	SIDE 0 OR 1, MESSAGE INTERFACE SELECT (POSITIVE, INVERTED)
(0,1)NCKIT(01,11)	1/7	SIDE 0 OR 1, NETWORK CLOCK INTERRUPT (POSITIVE, INVERTED)
(0,1)NCKSEL(0,1)	1/7	SIDE 0 OR 1, NETWORK CLOCK SELECT (POSITIVE, INVERTED)
(0,1)RCVDAT(0,1)	1/7	SIDE 0 OR 1, RECEIVE DATA (POSITIVE, INVERTED)
(0,1)SACDALR	1/7	SIDE 0 OR 1, CONTROL AND DIAGNOSTIC ACCESS LINK, ACTIVE FPC STATUS RETURN
(0,1)STACDAL	1/7	SIDE 0 OR 1, CONTROL AND DIAGNOSTIC ACCESS LINK, ACTIVE FPC STATUS
(0,1)TMSIT(10,11)	1/7	SIDE 0 OR 1, TIME MULTIPLEXED SWITCH INTERRUPT (POSITIVE, INVERTED)
(0,1)TMSRDY(0,1)	1/7	SIDE 0 OR 1, TIME MULTIPLEXED SWITCH READY (POSITIVE, INVERTED)
(0,1)TMSRST(0,1)	1/7	SIDE 0 OR 1, TIME MULTIPLEXED SWITCH RESET (POSITIVE, INVERTED)
(0,1)TMSSEL(0,1)	1/7	SIDE 0 OR 1, TIME MULTIPLEXED SWITCH SELECT (POSITIVE, INVERTED)
(0,1)TMSSR(0,1)	1/7	SIDE 0 OR 1, TIME MULTIPLEXED SWITCH SERVICE REQUEST (POSITIVE, INVERTED)
(0,1)TRCLK(0,1)	1/7	SIDE 0 OR 1, TRANSMIT RECEIVE CLOCK (POSITIVE, INVERTED)
(0,1)TRMDAT(0,1)	1/7	SIDE 0 OR 1, TRANSMIT DATA (POSITIVE, INVERTED)

COPYRIGHT (C) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE C2 | ISSUE 2A

AT&T BELL LABORATORIES | SD-5U066-01 | A3

PRINTED IN U.S.A.

APPARATUS INDEX

EQUIP LOC	APP NO.	FIGURE SH NO.
CIRCUIT PACKS		
04-008	2	C#2
04-024	2	C#2
04-036	5	C#2
04-042	4	C#2
04-042	14	C#3
04-050	6	C#2
04-056	4	C#2
04-064	10	C#3
04-070	9	C#3
04-070	14	C#3
04-078	11	C#3
04-084	9	C#3
04-098	3	C#2
04-114	3	C#2
04-126	7	C#2
04-132	7	C#2
04-140	8	C#3
04-146	7	C#2
04-154	12	C#3
04-160	12	C#3
04-168	13	C#3
04-174	12	C#3
DESIG		
FPC	14	C#3
MMP1A	4	C#2
MMP1A	7	C#2
MMP1B	9	C#3
MMP1B	12	C#3
MMP2AA	4	C#2
MMP2AA	7	C#2
MMP2AB	12	C#3
MMP2AB	9	C#3
MMP2BA	8	C#3
MMP2BA	6	C#2
MMP2BB	11	C#3
MMP2BB	13	C#3
MSPPA	7	C#2
MSPPA/PPC	5	C#2
MSPPB	12	C#3
MSPPB/FPC	10	C#3
MSPUCD	3	C#2
MSPUCD	2	C#2
PPC	14	C#3
PWRCONV	3	C#2
PWRCONV	2	C#2

DESIG	LOCATION FS/SYM	APPFIG	EQPT
BTR			
BTR1	1/9	4	04-084A
BTR1	3/9	7	04-154A
BTR2	1/10	5	04-064A
BTR2	3/10	7	04-174A
CIRCUIT PACK-CP			
FPC	1/7	14	04-070
MMP1A	1/2	4	04-056
MMP1A	3/2	7	04-146
MMP1B	1/6	9	04-084
MMP1B	3/6	12	04-174
MMP2AA	1/3	4	04-042
MMP2AA	3/3	7	04-132
MMP2AB	3/7	12	04-160
MMP2AB	1/7	9	04-070
MMP2BA	3/4	8	04-140
MMP2BA	1/4	6	04-050
MMP2BB	1/8	11	04-078
MMP2BB	3/8	13	04-168
MSPPA	3/1	7	04-126
MSPPA/PPC	1/1	5	04-036
MSPPB	3/5	12	04-154
MSPPB/FPC	1/5	10	04-064
MSPUCD	4/2	3	04-098
MSPUCD	2/2	2	04-008
PPC	1/3	14	04-042
CONVERTER			
PWRCONV	2/1	2	04-024
PWRCONV	4/1	3	04-114

DESIG	LOCATION FS/SYM	CAD
3B10P0		
A00S3B	2/2	013
A00SR	2/2	013
AR0IP3B	2/2	013
AR0IP3BR	2/2	013
ASCX3B	2/2	013
ASCXR	2/2	013
ASCY3B	2/2	013
ASCYR	2/2	013
B00S3B	4/2	026
B00SR	4/2	026
BR0IP3B	4/2	026
BR0IP3BR	4/2	026
BSCX3B	4/2	026
BSCXR	4/2	026
BSCY3B	4/2	026
BSCYR	4/2	026
FUSE PANEL		
A-48PWR	2/1	014
A-48RTN	2/1	014
AALMCZ	2/1	013
B-48PWR	4/1	114
B-48RTN	4/1	114
BALMCZ	4/2	113
MESSAGE INTERFACE/CLOCK UNIT		
0ACCDALR	1/7	008
0ACTCDAL	1/7	008
0DATVAL0	1/7	008
0DATVAL1	1/7	008
0LIINT10	1/7	008
0LIINT11	1/7	008
0LISEL0	1/7	008
0LISEL1	1/7	008
0MIINT10	1/7	009
0MIINT11	1/7	009
0MISEL0	1/7	009
0MISEL1	1/7	009
0NCKIT10	1/7	008
0NCKIT11	1/7	008
0NCKSEL0	1/7	008
0NCKSEL1	1/7	008
0RCVDAT0	1/7	008
0RCVDAT1	1/7	008
0SACDALR	1/7	008
0STACDAL	1/7	008
0TMSIT10	1/7	009
0TMSIT11	1/7	009
0TMSRDY0	1/7	009
0TMSRDY1	1/7	009
0TMSRST0	1/7	009
0TMSRST1	1/7	009
0TMSSEL0	1/7	009
0TMSSEL1	1/7	009
0TMSSR0	1/7	008
0TMSSR1	1/7	008
0TRCLK0	1/7	008
0TRCLK1	1/7	008
0TRMDAT0	1/7	008
0TRMDAT1	1/7	008
1ACCDALR	1/7	010
1ACTCDAL	1/7	010

DESIG	LOCATION FS/SYM	CAD
MESSAGE INTERFACE/CLOCK UNIT (CONT)		
1DATVAL0	1/7	010
1DATVAL1	1/7	010
1LIINT10	1/7	010
1LIINT11	1/7	010
1LISEL0	1/7	010
1LISEL1	1/7	010
1MIINT10	1/7	011
1MIINT11	1/7	011
1MISEL0	1/7	011
1MISEL1	1/7	011
1NCKIT10	1/7	010
1NCKIT11	1/7	010
1NCKSEL0	1/7	010
1NCKSEL1	1/7	010
1RCVDAT0	1/7	010
1RCVDAT1	1/7	010
1SACDALR	1/7	010
1STACDAL	1/7	010
1TMSIT10	1/7	011
1TMSIT11	1/7	011
1TMSRDY0	1/7	011
1TMSRDY1	1/7	011
1TMSRST0	1/7	011
1TMSRST1	1/7	011
1TMSSEL0	1/7	011
1TMSSEL1	1/7	011
1TMSSR0	1/7	010
1TMSSR1	1/7	010
1TRCLK0	1/7	010
1TRCLK1	1/7	010
1TRMDAT0	1/7	010
1TRMDAT1	1/7	010
A0CLKN	1/2	002
A0CLKP	1/2	002
A0RDATAN	1/2	002
A0RDATAP	1/2	002
A0SYNCN	1/2	002
A0SYNCP	1/2	002
A0TDATAN	1/2	002
A0TDATAP	1/2	002
A1CLKN	1/2	003
A1CLKP	1/2	003
A1RDATAN	1/2	003
A1RDATAP	1/2	003
A1SYNCN	1/2	003
A1SYNCP	1/2	003
A1TDATAN	1/2	003
A1TDATAP	1/2	003
B0CLKN	3/2	019
B0CLKP	3/2	019
B0RDATAN	3/2	019
B0RDATAP	3/2	019
B0SYNCN	3/2	019
B0SYNCP	3/2	019
B0TDATAN	3/2	019
B0TDATAP	3/2	019
B1CLKN	3/2	020
B1CLKP	3/2	020
B1RDATAN	3/2	020
B1RDATAP	3/2	020
B1SYNCN	3/2	020
B1SYNCP	3/2	020
B1TDATAN	3/2	020
B1TDATAP	3/2	020

DESIG	LOCATION FS/SYM	CAD
MESSAGE INTERFACE/CLOCK UNIT (CONT)		
P0CLKN	1/3	002
P0CLKP	1/3	002
P0RDATAN	1/3	002
P0RDATAP	1/3	002
P0SYNCN	1/3	002
P0SYNCP	1/3	002
P0TDATAN	1/3	002
P0TDATAP	1/3	002
P1CLKN	1/3	003
P1CLKP	1/3	003
P1RDATAN	1/3	003
P1RDATAP	1/3	003
P1SYNCN	1/3	003
P1SYNCP	1/3	003
P1TDATAN	1/3	003
P1TDATAP	1/3	003
MESSAGE SWITCH CONTROL UNIT		
A+5PWR01	1/1	004
AACSA0	1/1	005
AAERR0	1/1	004
AAINTR0	1/1	007
AAPCSEL0	1/1	004
AASR0	1/1	005
ABCSA0	1/5	005
ABERR0	1/5	004
ABINTR0	1/5	007
ABPCSEL0	1/5	004
ABSR0	1/5	005
ACMDINT0	1/1	005
ADMAAD00	1/1	006
ADMAAD01	1/1	006
ADMAAD02	1/1	006
ADMAAD03	1/1	006
ADMAAD04	1/1	006
ADMAAD05	1/1	006
ADMAAD06	1/1	006
ADMAAD07	1/1	006
ADMAAD08	1/1	006
ADMAAD09	1/1	006
ADMAAD10	1/1	006
ADMAAD11	1/1	006
ADMAAD12	1/1	006
ADMAAD13	1/1	006
ADMAAD14	1/1	006
ADMAAD15	1/1	006
ADMADA00	1/1	007
ADMADA01	1/1	007
ADMADA02	1/1	007
ADMADA03	1/1	007
ADMADA04	1/1	007
ADMADA05	1/1	007
ADMADA06	1/1	007
ADMADA07	1/1	007
ADMADAP1	1/1	007
ADMAOPC0	1/1	005
ADMARD0	1/1	005
ADMAREQ0	1/1	005
ADMAWT0	1/1	005
AINITPC0	1/1	005
ARISOL0	1/1	005
ASISOL0	1/1	005
B+5PWR01	3/1	104

LEAD INDEX

DESIG	LOCATION FS/SYM	CAD
MESSAGE SWITCH CONTROL UNIT (CONT)		
BACSA0	3/1	105
BAERR0	3/1	104
BAINTR0	3/1	107
BAPCSEL0	3/1	104
BASR0	3/1	105
BBCSA0	3/5	105
BBERR0	3/5	104
BBINTR0	3/5	107
BBPCSEL0	3/5	104
BBSR0	3/5	105
BCMDINT0	3/1	105
BDMAAD00	3/1	106
BDMAAD01	3/1	106
BDMAAD02	3/1	106
BDMAAD03	3/1	106
BDMAAD04	3/1	106
BDMAAD05	3/1	106
BDMAAD06	3/1	106
BDMAAD07	3/1	106
BDMAAD08	3/1	106
BDMAAD09	3/1	106
BDMAAD10	3/1	106
BDMAAD11	3/1	106
BDMAAD12	3/1	106
BDMAAD13	3/1	106
BDMAAD14	3/1	106
BDMAAD15	3/1	106
BDMADA00	3/1	107
BDMADA01	3/1	107
BDMADA02	3/1	107
BDMADA03	3/1	107
BDMADA04	3/1	107
BDMADA05	3/1	107
BDMADA06	3/1	107
BDMADA07	3/1	107
BDMADAP1	3/1	107
BDMAOPC0	3/1	105
BDMARD0	3/1	105
BDMAREQ0	3/1	105
BDMAWT0	3/1	105
BINITPC0	3/1	105
BRISOL0	3/1	105
BSISOL0	3/1	105
GRD04126	3/1	107

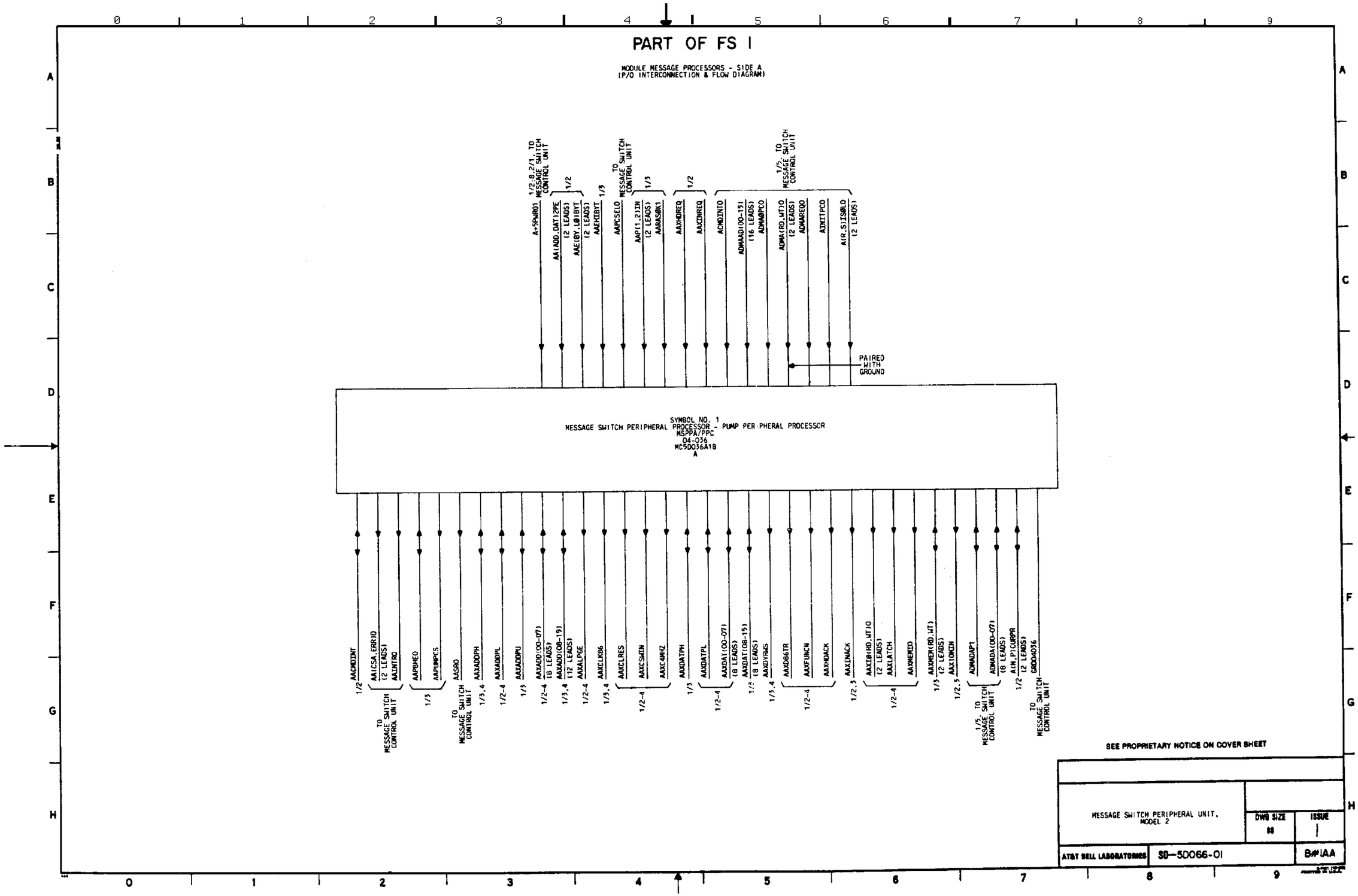
COPYRIGHT(C) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE C2 | ISSUE 2A

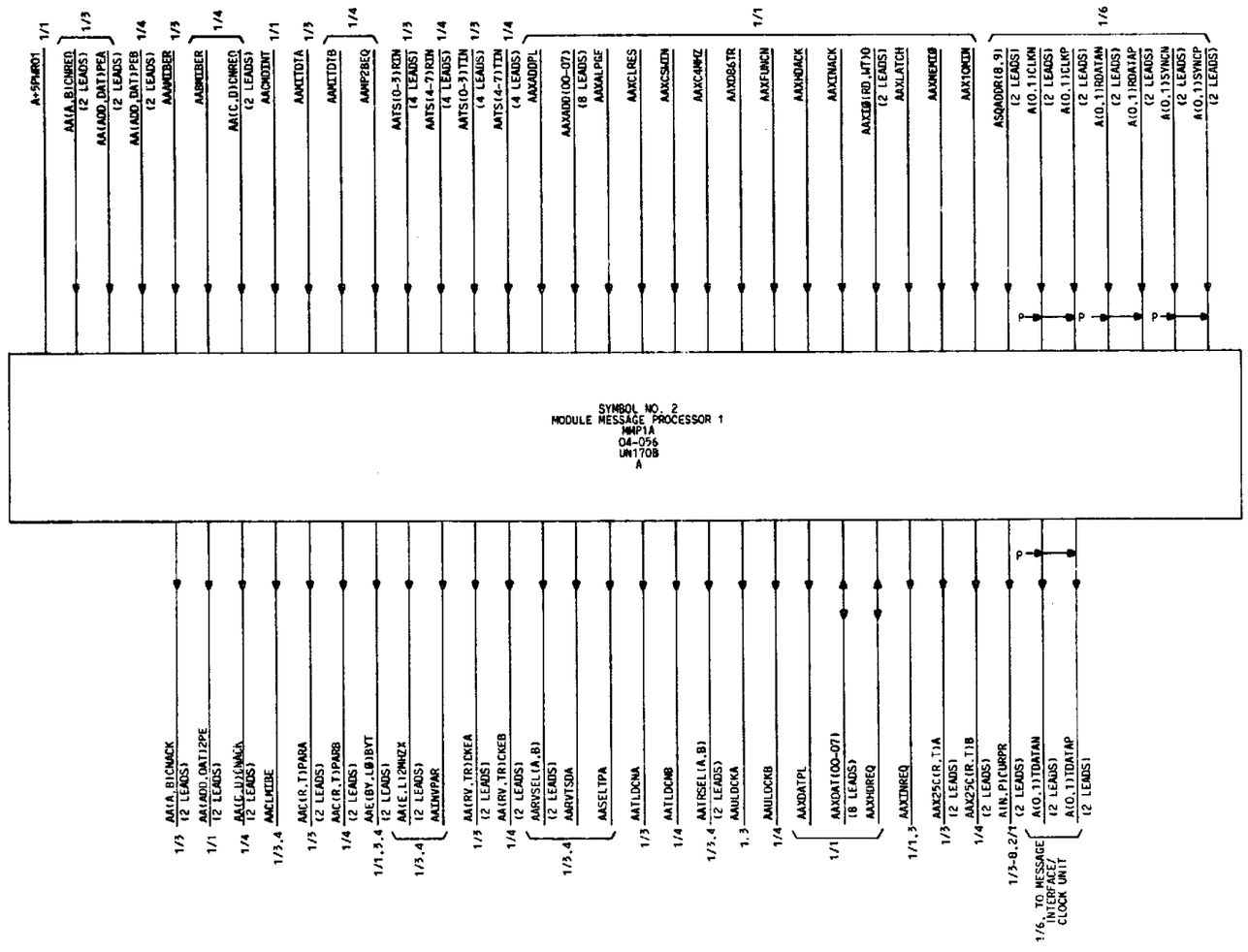
AT&T BELL LABORATORIES | SD-5D066-01 | A#2

PRINTED IN U.S.A.


PART OF FS I
MODULE MESSAGE PROCESSORS - SIDE A
(P/O INTERCONNECTION & FLOW DIAGRAM)
SYMBOL NO. 1
MESSAGE SWITCH PERIPHERAL PROCESSOR - PUMP PERIPHERAL PROCESSOR
MSPPA/PPC
04-036
MC5D036A1B
A
PAIRED WITH GROUND
SEE PROPRIETARY NOTICE ON COVER SHEET
MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2
DWG SIZE
ISSUE
AT&T BELL LABORATORIES
SD-5D066-01
B#1AA

PART OF FS I

MODULE MESSAGE PROCESSORS - SIDE A
(P/O INTERCONNECTION & FLOW DIAGRAM)

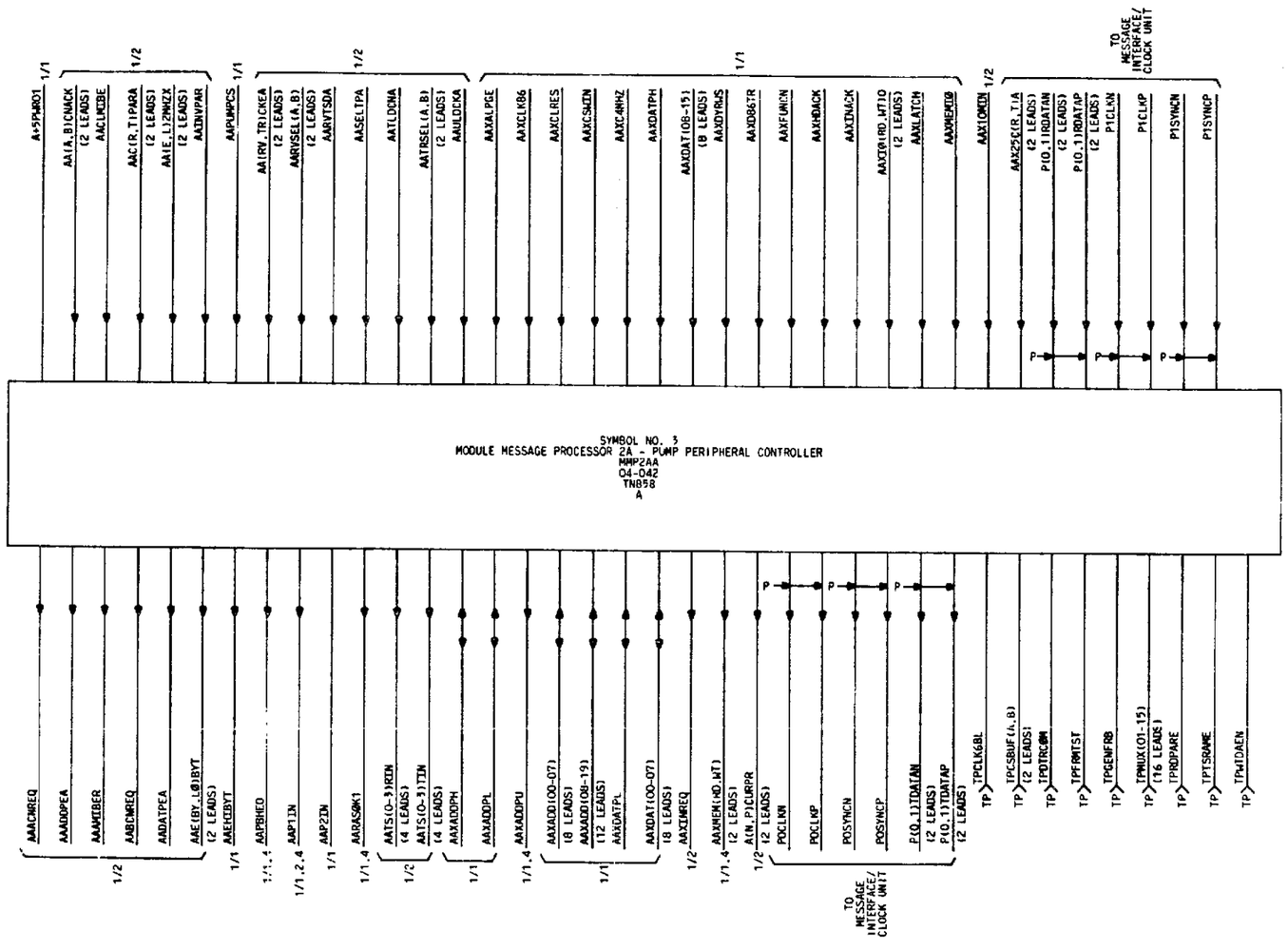


Copyright © 1985 AT&T
All Rights Reserved

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE: B	ISSUE: 2A
AT&T BELL LABORATORIES	SD-5D066-01	B#1AB

PART OF FS 1

MODULE MESSAGE PROCESSORS - SIDE A
(P/O INTERCONNECTION & FLOW DIAGRAM)



SEE PROPRIETARY NOTICE ON COVER SHEET

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE 03	ISSUE /
AT&T BELL LABORATORIES	SD-5D066-01	B#IAC

PART OF FS I

MODULE MESSAGE PROCESSORS - SIDE A
(P/O INTERCONNECTION & FLOW DIAGRAM)

A+5PWR01
AA(C,D)CMACK (2 LEADS)
AACLMTBE
AAC(R,T)PARB (2 LEADS)
AAE(I,L)2MHZX (2 LEADS)
AALNWPAR
AAIRY,TR)CKEB (2 LEADS) 1/2
AARXSELF(A,B) (2 LEADS)
AARVTSDA
AASELTPA
AATLOCNB
AATRSELF(A,B) (2 LEADS)
AAULOCKB
AAXALPGE
AAXCLK86
AAXCLRES
AAXCSHEN
AAXC4MHZ
AAXDYBWS 1/1
AAXD86TR
AAXFUNCN
AAXHDACK
AAXI0(RD,WT)IO (2 LEADS)
AAXLATCH
AAXMEMCS
AAX25C(R,T)B (2 LEADS) 1/2

SYMBOL NO. 4
MODULE MESSAGE PROCESSOR 2B
MMP2BA
04-050
TN858
A

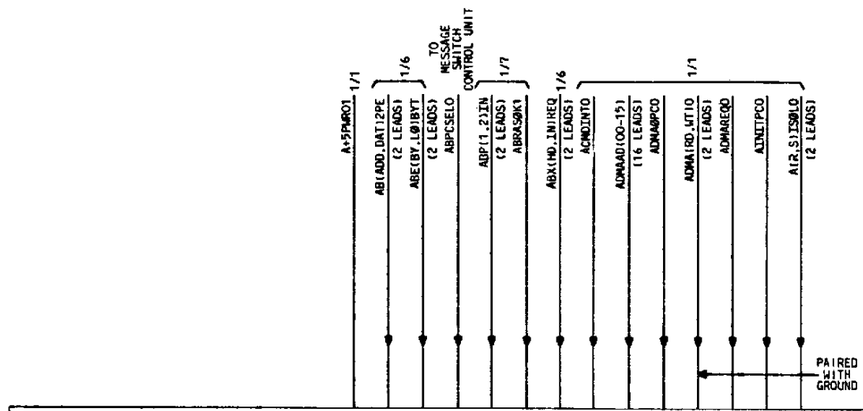
AA(ADD,DAT)PEB (2 LEADS)
AABMTBER
AA(C,D)CMREQ (2 LEADS) 1/2
AAE(BY,*)01BYT (2 LEADS)
AAMCTDTB
AAMP2BEQ
AAPBUSEQ
AAPTIM 1/3
AARAS#*1
AATS14-7)RCN (4 LEADS) 1/2
AATS14-7)TIM (4 LEADS)
AAXADDPH 1/1
AAXADDPL
AAXADDPU 1/3
AAXAD(00-07) (8 LEADS)
AAXADD(08-19) (12 LEADS) 1/1
AAXDATPL
AAXDAT(00-07) (8 LEADS)
AAXMEM(RD,WT) (2 LEADS) 1/3
A(W,P)CURPR (2 LEADS) 1/2

Copyright © 1986 AT&T
All Rights Reserved

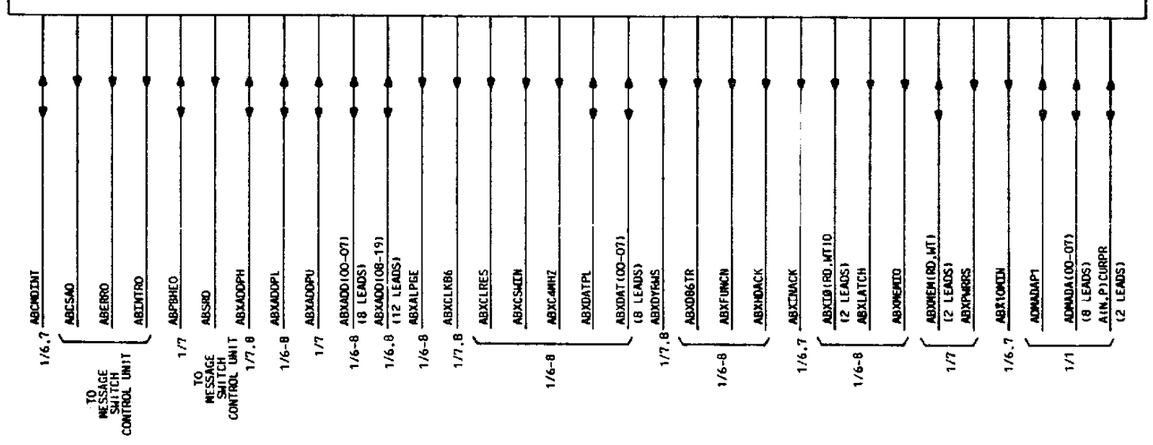
MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE B	ISSUE 2A
AT&T BELL LABORATORIES	SD-5D066-01	BMIAD

PART OF FS I

MODULE MESSAGE PROCESSORS - SIDE A
(P/O INTERCONNECTION & FLOW DIAGRAM)



SYMBOL NO. 5
MESSAGE SWITCH PERIPHERAL PROCESSOR - FOUNDATION PERIPHERAL CONTROLLER
MSPPB/FPC
04-064
MC5D036A1B
A

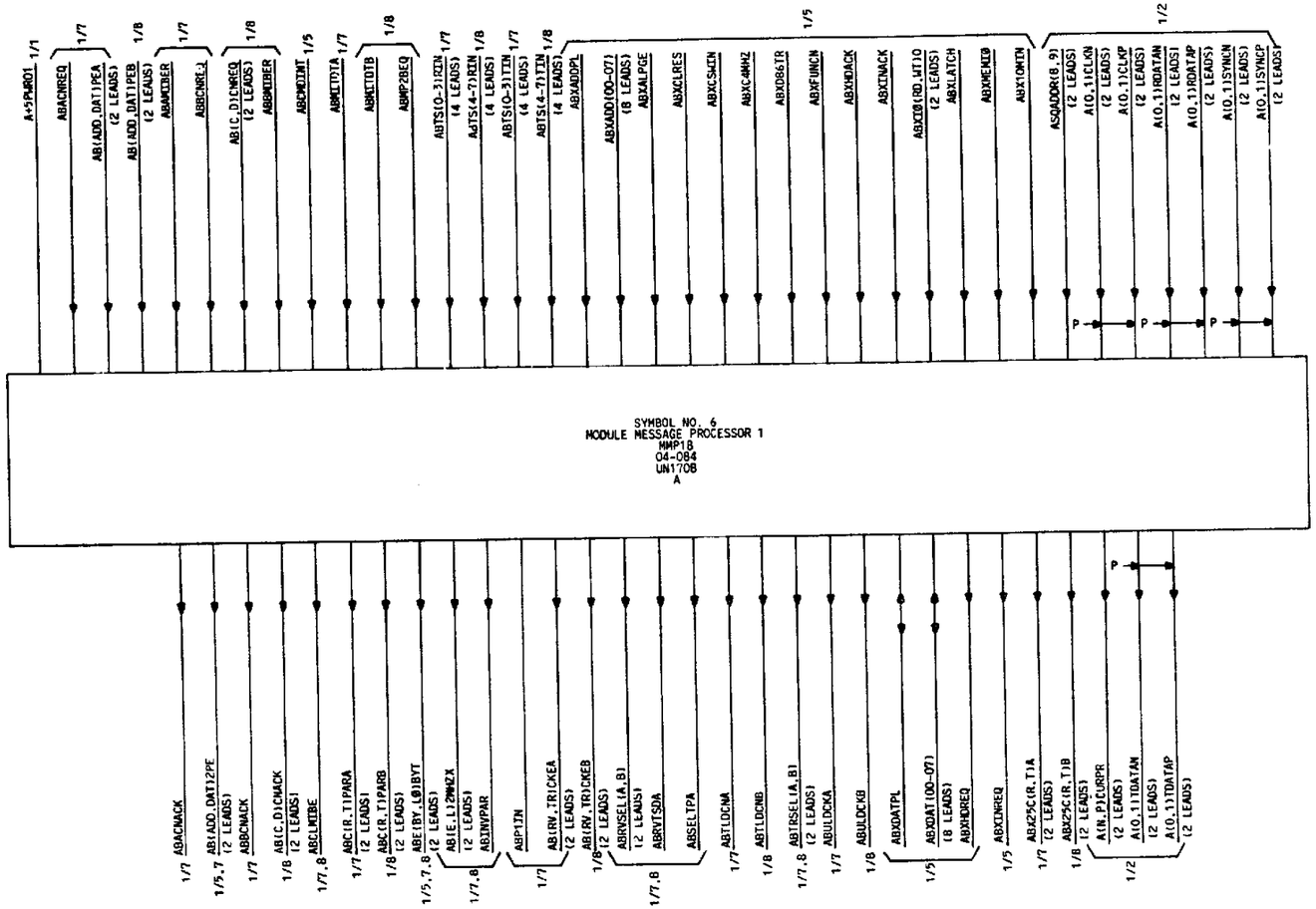


SEE PROPRIETARY NOTICE ON COVER SHEET

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE 88	ISSUE 1
AT&T BELL LABORATORIES	SD-5D066-01	B#1AE

PART OF FS 1

MODULE MESSAGE PROCESSORS - SIDE A
(P/O INTERCONNECTION & FLOW DIAGRAM)



Copyright © 1988 AT&T
All Rights Reserved

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE: 68	ISSUE: 2A
AT&T BELL LABORATORIES: SD—5D066-01		B#1AF

PART OF FS I

MODULE MESSAGE PROCESSORS - SIDE A
(P/O INTERCONNECTION & FLOW DIAGRAM)

TO MESSAGE INTERFACE/ CLOCK UNIT

SYMBOL NO. 7
MODULE MESSAGE PROCESSOR 2A - FOUNDATION PERIPHERAL CONTROLLER 4
MMP2AB
04-070
TN858
A

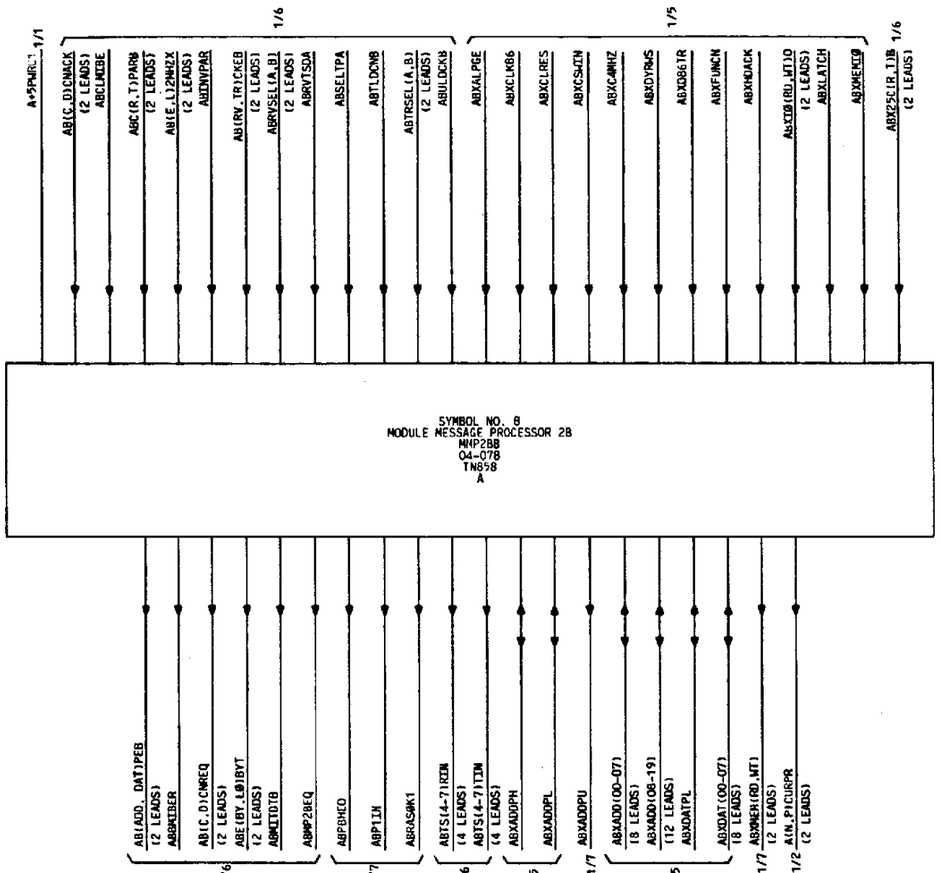
TO MESSAGE INTERFACE/ CLOCK UNIT

SEE PROPRIETARY NOTICE ON COVER SHEET

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE B	ISSUE 1
AT&T BELL LABORATORIES	SD-5D066-01	B##1AG

PART OF FS I

MODULE MESSAGE PROCESSORS - SIDE A
(P/O INTERCONNECTION & FLOW DIAGRAM)



Copyright © 1968 AT&T
All Rights Reserved

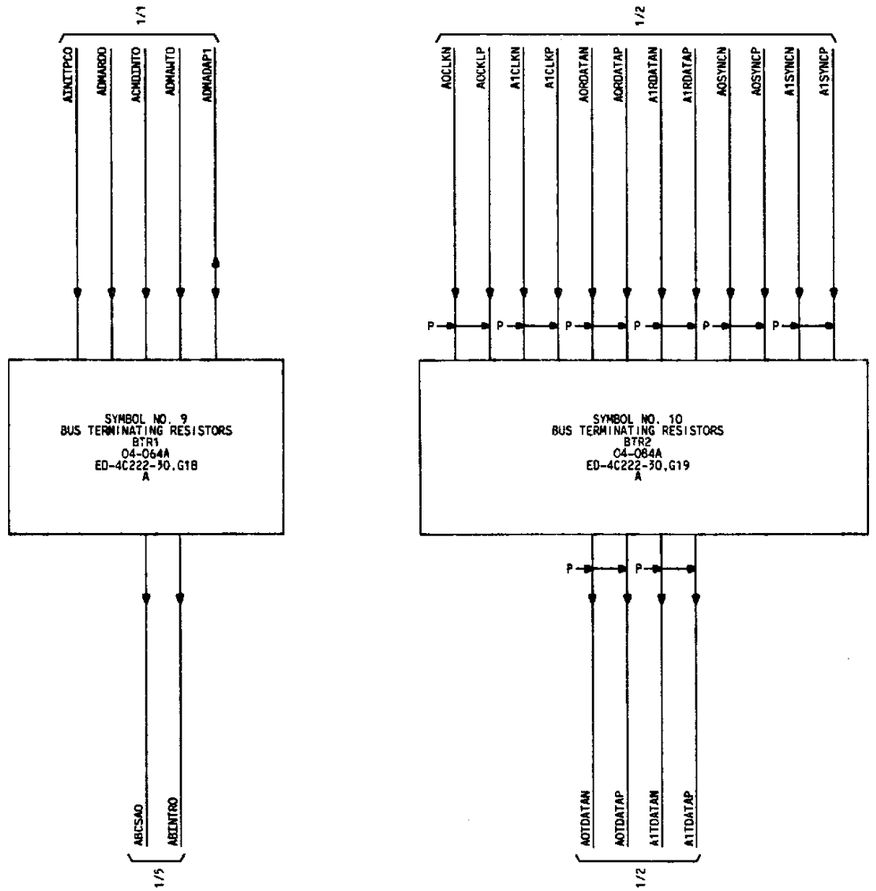
MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE: 68 | ISSUE: 2A

AT&T BELL LABORATORIES | SD-5D066-01 | BMP1AH

PART OF FS I

MODULE MESSAGE PROCESSORS - SIDE A
(P/O INTERCONNECTION & FLOW DIAGRAM)



Copyright © 1985 AT&T
All Rights Reserved

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE: 8S	ISSUE: 2A
AT&T BELL LABORATORIES	SD-5C066-01	B#1AJ

PART OF FS 1

MODULE MESSAGE PROCESSORS - SIDE A

SYMBOL NO. 1

MESSAGE SWITCH PERIPHERAL PROCESSOR - PUMP PERIPHERAL PROCESSOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPPA/PP	04-036	MC5D036A1B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT/	DESTINATION	NOTE
NC	PWR	+5	210			
	PWR	+5	310			
	O	DATAPLI	220			
	O		232			
	O		233			
	O		234			
	O		235			
	O		236			
	O		237			
	O		238			
	O	DATAPH1	321			
	O		332			
	O		333			
	O		335			
	O		336			
	O		337			
	O		338			
	O	MONDBCS0	341			
	I	P3IN	218			
	I	EPMBDIR	221			
	I	UACEOP0	241			
	I	UACINT0	242			
	I	INHRTCT0	243			
	I		313			
	I		317			
	I	XDLYDIP0	318			
	I	PICINIT0	342			
	I	CLRISCL0	343			
A+5PWR01	PWR	+5	000		1/1	
	PWR	+5	100		1/1	
	PWR	+5	101		1/1	
	I	VPP	323		1/1	
	PWR	+5	001		1/2,1/3 1/4,1/5 1/6,1/7 1/8,2/1 1/5 TO MESSAGE SWITCH CONTROL UNIT	
AAADD2PE	I	ADD2PE0	021		1/2	
AACMDINT	IO	CMDINT10	120		1/2	
AACSA0	O	CSA0	202		TO MESSAGE SWITCH CONTROL UNIT	
AADATZPE	I	DATZPE0	121		1/2	
AAEBYBYT	I	ENBYBYT0	134		1/2	
AAEHIBYT	I	ENHIBYT0	035		1/3	
AAELOBYT	I	ENLOBYT0	034		1/2	
AAERR0	O	ERR0	102		TO MESSAGE SWITCH CONTROL UNIT	
AAINTR0	O	INTR0	302		TO MESSAGE SWITCH CONTROL UNIT	
AAPBHE0	IO	PBHE0	018		1/3	
AAPCSEL0	I	PCSEL0	305		TO MESSAGE SWITCH CONTROL UNIT	
AAPUMPCS	O	PUMPCS0	119		1/3	
AAP1IN	I	P1IN	037		1/3	
AAP2IN	I	P2IN	118		1/3	
AARASOK1	I	RASOK1	019		1/3	

SYMBOL NO. 1 (CONT)

MESSAGE SWITCH PERIPHERAL PROCESSOR - PUMP PERIPHERAL PROCESSOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPPA/PP	04-036	MC5D036A1B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
AASR0	O	SR0	002		TO MESSAGE SWITCH CONTROL UNIT	
AAXADDPH	IO	XADDPH	156		1/3,1/4	
AAXADDPL	IO	XADDPL	056		1/3,1/4 1/2	
AAXADDPU	IO	XADDPU	255		1/3	
AAXADD00	IO	XADD00	046		1/3,1/4 1/2	
AAXADD01	IO	XADD01	146		1/3,1/4 1/2	
AAXADD02	IO	XADD02	047		1/3,1/4 1/2	
AAXADD03	IO	XADD03	147		1/3,1/4 1/2	
AAXADD04	IO	XADD04	048		1/3,1/4 1/2	
AAXADD05	IO	XADD05	148		1/3,1/4 1/2	
AAXADD06	IO	XADD06	049		1/3,1/4 1/2	
AAXADD07	IO	XADD07	149		1/3,1/4 1/2	
AAXADD08	IO	XADD08	050		1/3,1/4	
AAXADD09	IO	XADD09	150		1/3,1/4	
AAXADD10	IO	XADD10	051		1/3,1/4	
AAXADD11	IO	XADD11	151		1/3,1/4	
AAXADD12	IO	XADD12	052		1/3,1/4	
AAXADD13	IO	XADD13	152		1/3,1/4	
AAXADD14	IO	XADD14	053		1/3,1/4	
AAXADD15	IO	XADD15	153		1/3,1/4	
AAXADD16	IO	XADD16	054		1/3,1/4	
AAXADD17	IO	XADD17	154		1/3,1/4	
AAXADD18	IO	XADD18	055		1/3,1/4	
AAXADD19	IO	XADD19	155		1/3,1/4	
AAXALPGE	O	XALWPGE0	020		1/2,1/3 1/4	
AAXCLK86	O	XCLK86	355		1/3,1/4	
AAXCLRES	O	XCLRESR0	133		1/2,1/3 1/4	
AAXCNTWS	I	CONTWS0	036			
AAXCSWIN	O	XCSWIND0	143		1/2,1/3 1/4	
AAXC4MHZ	O	XCLK4MHZ	043		1/2,1/3 1/4	
AAXDATPH	IO	DATPARH[	354		1/3	
AAXDATPL	IO	DATPARL0	254		1/2,1/3 1/4	
AAXDAT00	IO	BYDATA00	246		1/2,1/3 1/4	
AAXDAT01	IO	BYDATA01	346		1/2,1/3 1/4	
AAXDAT02	IO	BYDATA02	247		1/2,1/3 1/4	
AAXDAT03	IO	BYDATA03	347		1/2,1/3 1/4	
AAXDAT04	IO	BYDATA04	248		1/2,1/3 1/4	
AAXDAT05	IO	BYDATA05	348		1/2,1/3 1/4	
AAXDAT06	IO	BYDATA06	249		1/2,1/3 1/4	
AAXDAT07	IO	BYDATA07	349		1/2,1/3 1/4	
AAXDAT08	IO	WDDATA08	250		1/3	
AAXDAT09	IO	WDDATA09	350		1/3	

SYMBOL NO. 1 (CONT)

MESSAGE SWITCH PERIPHERAL PROCESSOR - PUMP PERIPHERAL PROCESSOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPPA/PP	04-036	MC5D036A1B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
AAXDAT10	IO	WDDATA10	251		1/3	
AAXDAT11	IO	WDDATA11	351		1/3	
AAXDAT12	IO	WDDATA12	252		1/3	
AAXDAT13	IO	WDDATA13	352		1/3	
AAXDAT14	IO	WDDATA14	253		1/3	
AAXDAT15	IO	WDDATA15	353		1/3	
AAXDIRRM	O	XDIRLRHM	137			
AAXDIRWS	O	XDIRWAT0	136		1/3,1/4	
AAXD86TR	O	XD86TIR0	140		1/2,1/3 1/4	
AAXFUNCN	O	XFUNCEN1	122		1/2,1/3 1/4	
AAXHDACK	O	XHLDACK0	139		1/2,1/3 1/4	
AAXHDREQ	I	XHLDREQ0	039		1/2	
AAXINACK	O	XINTACK0	138		1/2,1/3	
AAXINREQ	I	XINTREQ0	038		1/2	
AAXIORD0	O	XIORD0	041		1/2,1/3 1/4	
AAXIOWT0	O	XIOWT0	141		1/2,1/3 1/4	
AAXLATCH	O	XLATCH0	135		1/2,1/3 1/4	
AAXMEM10	O	XMEM1100	040		1/2,1/3 1/4	
AAXMEMRD	IO	XMEMRD	042		1/3	
AAXMEMWT	IO	XMEMWT	142		1/3	
AAXPWRRS	O	XPWRRST0	022			
AAX10MIN	O	X10MSINT	033		1/2,1/3	
ACMDINT0	I	CMDINT0	303		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMAAD00	I	DMAAD001	009		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMAAD01	I	DMAAD011	109		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMAAD02	I	DMAAD021	010		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMAAD03	I	DMAAD031	110		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMAAD04	I	DMAAD041	011		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMAAD05	I	DMAAD051	111		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMAAD06	I	DMAAD061	013		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMAAD07	I	DMAAD071	113		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMAAD08	I	DMAAD081	014		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMAAD09	I	DMAAD091	114		1/5 TO MESSAGE SWITCH CONTROL	

SYMBOL NO. 1 (CONT)

MESSAGE SWITCH PERIPHERAL PROCESSOR - PUMP PERIPHERAL PROCESSOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPPA/PP	04-036	MC5D036A1B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					UNIT	
ADMAAD10	I	DMAAD101	015		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMAAD11	I	DMAAD111	115		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMAAD12	I	DMAAD121	016		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMAAD13	I	DMAAD131	116		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMAAD14	I	DMAAD141	017		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMAAD15	I	DMAAD151	117		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMADAP1	IO	DMADAP1	205		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMADA00	IO	DMADA001	005		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMADA01	IO	DMADA011	105		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMADA02	IO	DMADA021	006		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMADA03	IO	DMADA031	106		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMADA04	IO	DMADA041	007		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMADA05	IO	DMADA051	107		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMADA06	IO	DMADA061	008		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMADA07	IO	DMADA071	108		1/5 TO MESSAGE SWITCH CONTROL UNIT	

PART OF FS 1
SYMBOL(S)-1

COPYRIGHT (C) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE: C
ISSUE: 2A

AT&T BELL LABORATORIES | SD-5D066-01 | B#1CA

PRINTED IN U.S.A.

PART OF FS 1

MODULE MESSAGE PROCESSORS - SIDE A

SYMBOL NO. 1 (CONT)

MESSAGE SWITCH PERIPHERAL PROCESSOR - PUMP PERIHPERAL PROCESSOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPPA/PP	04-036	MC5D036A1B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
ADMAOPC0	I	DMAOPC0	104		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMARD0	I	DMARD0	204		1/5 TO MESSAGE SWITCH CONTROL UNIT	P/GRD04036
ADMAREQ0	I	DMAREQ0	004		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ADMAWT0	I	DMAWT0	304		1/5 TO MESSAGE SWITCH CONTROL UNIT	P/GRD04036
AINITPC0	I	INITPC0	203		1/5 TO MESSAGE SWITCH CONTROL UNIT 1/2	
ANCURPR	IO	NCURPR	012		1/2	
APCURPR	IO	PCURPR	112		1/5 TO MESSAGE SWITCH CONTROL UNIT	
ARISOL0	I	RISOL0	103			
ASISOL0	I	SISOL0	003		1/5 TO MESSAGE SWITCH CONTROL UNIT	
A01TVLPC	PWR	+5PWR0	215			
	PWR	+5PWR1	315			
GRD04036	I	XPGM64E	324			
	GRD	GRD	023			
	GRD	GRD	024			
	GRD	GRD	032			
	GRD	GRD	044			
	GRD	GRD	045			
	GRD	GRD	123			
	GRD	GRD	124			
	GRD	GRD	132			
	GRD	GRD	144			
	GRD	GRD	145			
	GRD	GRD	200			
	GRD	GRD	201			
	GRD	GRD	211			
	GRD	GRD	212			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	256			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	311			
	GRD	GRD	312			
	GRD	GRD	344			
	GRD	GRD	345			
	GRD	GRD	356			

SYMBOL NO. 2

MODULE MESSAGE PROCESSOR 1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP1A	04-056	UN1708	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	SYNCLKE1	013			
	O	MIBCLKE1	113			
	O	SEQPER0	219			
	O	RCVPER0	220			
	O	TSSLO1	221			
	O	CHKTSSP	222			
	O	SPAREG	223			
	O	INVBIT6P	224			
	O	SPARED	243			
	O	TRMPER0	319			
	O	TSSPER0	320			
	O	TSSCK	321			
	O	TSSPCK	322			
	O	SPAREE	323			
	O	SEQPAR	324			
	O	M1BERR1	333			
	O	SPAREC	343			
	I	TVACC1	232			
	I	TVACC2	233			
	I	TVACC3	332			
A+5PWR01	PWR	+5	000		1/1	
	PWR	+5	001		1/1	
	PWR	+5	100		1/1	
	PWR	+5	101		1/1	
AAACNACK	O	ACNTACK1	533		1/3	
AAACNREQ	I	ACNTREQ0	535		1/3	
AAADDPEA	I	ADDPEA	539		1/3	
AAADDPEB	I	ADDPEB	439		1/4	
AAADD2PE	O	ADD2PE0	021		1/1	
AAAMIBER	I	AMIBERR1	542		1/3	
AABCNACK	O	BCNTACK1	532		1/3	
AABCNREQ	I	BCNTREQ0	534		1/3	
AABMIBER	I	BMIBERR1	442		1/4	
AACCNACK	O	CCNTACK1	433		1/4	
AACCNREQ	I	CCNTREQ0	435		1/4	
AACLMIBE	O	CLMIBE0	541		1/3,1/4	
AACMDINT	I	CMDINT10	120		1/1	
AACRPARA	O	CHRPARA	305		1/3	
AACRPARB	O	CHRPARB	205		1/4	
AACTPARA	O	CHTPARA	306		1/3	
AACTPARB	O	CHTPARB	206		1/4	
AADATPEA	I	DATAPEA	540		1/3	
AADATPEB	I	DATAPEB	440		1/4	
AADAT2PE	O	DAT2PE0	121		1/1	
AADCNACK	O	DCNTACK1	432		1/4	
AADCNREQ	I	DCNTREQ0	434		1/4	
AAEBYBYT	OT	ENBYBYT0	134		1/3,1/4	
	I				1/1	
AAELOBYT	OT	ENLOBYT0	034		1/3,1/4	
	I				1/1	
AAEZMHZX	O	EZMHZX	509		1/3,1/4	
AAINVPAR	O	INVRPAR	502		1/3,1/4	
AAL2MHZX	O	L2MHZX	513		1/3,1/4	
AAMITDTA	I	AMIBTDAT	302		1/3	
AAMITDTB	I	BMIBTDAT	202		1/4	
AAMPZBE0	I	MMPZBEG0	443		1/4	
AAP11N	GRD	P21N	037		1/3	
AARVCKEA	O	RCVCKENA	307		1/3	
AARVCKEB	O	RCVCKENB	207		1/4	

SYMBOL NO. 2 (CONT)

MODULE MESSAGE PROCESSOR 1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP1A	04-056	UN1708	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
AARVSELA	O	RCVSELA	304		1/3,1/4	
AARVSELB	O	RCVSELB	303		1/3,1/4	
AARVTSDA	O	RVTSDATA	402		1/3,1/4	
AASELTPA	O	SELTPAR1	503		1/3,1/4	
AATLDCNA	O	TLDCKNA	310		1/3	
AATLDCNB	O	TLDCKNB	210		1/4	
AATRCKEA	O	TRMCKENA	308		1/3	
AATRCKEB	O	TRMCKENB	208		1/4	
AATRSELA	O	TRMSELA	204		1/3,1/4	
AATRSELB	O	TRMSELB	203		1/3,1/4	
AATSORIN	I	TSORINT	552		1/3	
AATSOTIN	I	TSOTINT	452		1/3	
AATS1RIN	I	TS1RINT	551		1/3	
AATS1TIN	I	TS1TINT	451		1/3	
AATS2RIN	I	TS2RINT	550		1/3	
AATS2TIN	I	TS2TINT	450		1/3	
AATS3RIN	I	TS3RINT	549		1/3	
AATS3TIN	I	TS3TINT	449		1/3	
AATS4RIN	I	TS4RINT	548		1/4	
AATS4TIN	I	TS4TINT	448		1/4	
AATS5RIN	I	TS5RINT	547		1/4	
AATS5TIN	I	TS5TINT	447		1/4	
AATS6RIN	I	TS6RINT	546		1/4	
AATS6TIN	I	TS6TINT	446		1/4	
AATS7RIN	I	TS7RINT	545		1/4	
AATS7TIN	I	TS7TINT	445		1/4	
AAULDCKA	O	RULDCKNA	309		1/3	
AAULDCKB	O	RULDCKNB	209		1/4	
AAXADDPL	I	XADDPL	056		1/1	
AAXADD00	I	XADD00	046		1/1	
AAXADD01	I	XADD01	146		1/1	
AAXADD02	I	XADD02	047		1/1	
AAXADD03	I	XADD03	147		1/1	
AAXADD04	I	XADD04	048		1/1	
AAXADD05	I	XADD05	148		1/1	
AAXADD06	I	XADD06	049		1/1	
AAXADD07	I	XADD07	149		1/1	
AAXALPGE	I	XALWPGE0	020		1/1	
AAXCLRES	I	XCLRESR0	133		1/1	
AAXCSWIN	I	XCSWIND0	143		1/1	
AAXC4MHZ	I	XCLK4MHZ	043		1/1	
AAXDATPL	IO	DATPARL0	254		1/1	
AAXDAT00	IO	BYDATA00	246		1/1	
AAXDAT01	IO	BYDATA01	346		1/1	
AAXDAT02	IO	BYDATA02	247		1/1	
AAXDAT03	IO	BYDATA03	347		1/1	
AAXDAT04	IO	BYDATA04	248		1/1	
AAXDAT05	IO	BYDATA05	348		1/1	
AAXDAT06	IO	BYDATA06	249		1/1	
AAXDAT07	IO	BYDATA07	349		1/1	
AAXD86TR	I	XD86TIR0	140		1/1	
AAXFUNCN	I	XFUNCEN1	122		1/1	
AAXHDACK	I	XHLDACK0	139		1/1	
AAXHDREQ	O	XHLOREQ0	039		1/1	
AAXINACK	I	XINTACK0	138		1/1	
AAXINREQ	OT	XINTREQ0	038		1/3	
	I				1/1	
AAXIORD0	I	XIORD0	041		1/1	
AAXIOWT0	I	XIOWT0	141		1/1	
AAXLATCH	I	XLATCH0	135		1/1	
AAXMEMIO	I	XMEM11O0	040		1/1	

SYMBOL NO. 2 (CONT)

MODULE MESSAGE PROCESSOR 1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP1A	04-056	UN1708	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
AAX10MIN	I	X10MSINT	033		1/1	
AAX25CRA	O	X25CLKRA	106		1/3	
AAX25CRB	O	X25CLKRB	006		1/4	
AAX25CTA	O	X25CLKTA	105		1/3	
AAX25CTB	O	X25CLKTB	005		1/4	
ANCURPR	OT	-CURPR	012		1/3,1/4 1/6,1/7 1/8	
	I				1/1,1/5 2/1	
APCURPR	OT	+CURPR	112		1/3,1/4 1/6,1/7 1/8	
	I				1/1,1/5 2/1	
ASQADDR8	I	SEQADDR8	103		1/6	
ASQADDR9	I	SEQADDR9	102		1/6	
A0CLKN	I	0CLKN	235		1/6 TO MESSAGE INTERFACE/CLOCK UNIT	P/A0CLKP
A0CLKP	I	0CLKP	335		1/6 TO MESSAGE INTERFACE/CLOCK UNIT	P/A0CLKN
A0RDATAN	I	0RDATAN	237		1/6 TO MESSAGE INTERFACE/CLOCK UNIT	P/A0RDATAP
A0RDATAP	I	0RDATAP	337		1/6 TO MESSAGE INTERFACE/CLOCK UNIT	P/A0RDATAN
A0SYNCN	I	0SYNCN	234		1/6 TO MESSAGE INTERFACE/CLOCK UNIT	P/A0SYNCP
A0SYNCP	I	0SYNCP	334		1/6 TO MESSAGE INTERFACE/CLOCK UNIT	P/A0SYNCN
A0TDATAN	OT	0TDATAN	236		1/6 TO MESSAGE INTERFACE/CLOCK UNIT	P/A0TDATAP
A0TDATAP	OT	0TDATAP	336		1/6 TO MESSAGE INTERFACE/CLOCK UNIT	P/A0TDATAN
A02TVLPD	I	TSTVET0	008			
A1CLKN	I	1CLKN	240		1/6 TO MESSAGE INTERFACE/CLOCK UNIT	P/A1CLKP
A1CLKP	I	1CLKP	340		1/6 TO MESSAGE INTERFACE/CLOCK UNIT	P/A1CLKN
A1RDATAN	I	1RDATAN	242		1/6 TO MESSAGE	P/A1RDATAP

PART OF FS 1
SYMBOL(S) 1 2

COPYRIGHT (C) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE C2	ISSUE 2A
AT&T BELL LABORATORIES	SD-5D066-01	B#1CB

PRINTED IN U.S.A.

PART OF FS 1

MODULE MESSAGE PROCESSORS - SIDE A

SYMBOL NO. 2 (CONT)

MODULE MESSAGE PROCESSOR 1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP1A	04-056	UN170B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					INTERFACE/CLOCK UNIT	
A1RDATAP	I	1RDATAP	342		1/6 TO MESSAGE INTERFACE/CLOCK UNIT	P/A1RDATAN
A1SYNCN	I	1SYNCN	239		1/6 TO MESSAGE INTERFACE/CLOCK UNIT	P/A1SYNCP
A1SYNCP	I	1SYNCP	339		1/6 TO MESSAGE INTERFACE/CLOCK UNIT	P/A1SYNCN
A1TDATAN	OT	1TDATAN	241		1/6 TO MESSAGE INTERFACE/CLOCK UNIT	P/A1DATAP
A1TDATAP	OT	1TDATAP	341		1/6 TO MESSAGE INTERFACE/CLOCK UNIT	P/A1DATAN
GRD04056	I	MMPSELB	002			
	I	MMPSELA	003			
	I	TSTVET1	007			
	I	GRD	444			
	GRD	GRD	023			
	GRD	GRD	024			
	GRD	GRD	032			
	GRD	GRD	044			
	GRD	GRD	045			
	GRD	GRD	123			
	GRD	GRD	124			
	GRD	GRD	132			
	GRD	GRD	144			
	GRD	GRD	145			
	GRD	GRD	200			
	GRD	GRD	201			
	GRD	GRD	211			
	GRD	GRD	212			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	256			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	311			
	GRD	GRD	312			
	GRD	GRD	344			
	GRD	GRD	345			
	GRD	GRD	356			
	GRD	GRD	400			
	GRD	GRD	401			
	GRD	GRD	410			
	GRD	GRD	411			
	GRD	GRD	412			
	GRD	GRD	500			
	GRD	GRD	501			
	GRD	GRD	510			
	GRD	GRD	511			
	GRD	GRD	512			
	GRD	GRD	544			

SYMBOL NO. 3

MODULE MESSAGE PROCESSOR 2A - PUMP PERIPHERAL CONTROLLER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2AA	04-042	TN858	A	(4)
PPC	04-042	TN886	A	(14)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(4)O	GRD	003			
	(14)TP	MUX00				
	(4)O	TS3TDAT	232			
	(14)TP	DAPARER1				
	(4)O	TS2TDAT	233			
	(14)TP	ADPARER1				
	(4)O	TS3DAT	332			
	(14)TP	FMTERR1				
	(4)O	TS2DAT	333			
	(14)TP	ABFULER1				
	(1)I	TSTVET0	013			
A+5PWR01	PWR	+5	000		1/1	
	PWR	+5	001		1/1	
	PWR	+5	100		1/1	
	PWR	+5	101		1/1	
AAACNACK	(4)I	CNTAACK1	220		1/2	
AAACNREQ	(4)O	CNTAREQ0	320		1/2	
AAADDPEA	(4)O	ADDPE0	213		1/2	
AAAMIBER	(4)O	MIBERR1	215		1/2	
AABCNACK	(4)I	CNTBACK1	219		1/2	
	(14)TP	RDPARL0				
AABCNREQ	(4)O	CNTBREQ0	319		1/2	
	(14)TP	RDPARHI				
AACLMIBE	(4)I	CLMIERR0	214		1/2	
AACRPARA	(4)I	CHRPAR	216		1/2	
AACTPARA	(4)I	CHTPAR	316		1/2	
AADATPEA	(4)O	DATAPE0	313		1/2	
AAEBYBYT	OT	ENBYBYT0	134		1/2	
AAEHIBYT	(1)O	ENHIBYT0	035		1/1	
AAELOBYT	OT	ENLOBYT0	034		1/2	
AAE2MHZX	(4)I	E2MHZX	002		1/2	
AAINVPAR	(4)I	INVRPAR	306		1/2	
AAL2MHZX	(4)I	L2MHZX	006		1/2	
AAMITDTA	(4)O	MIBTDAT	106		1/2	
AAPBHE0	(4)OT	PBHE0	018		1/4	
	(14)I	PBHE0			1/1	
AAPUMPCS	(1)I	PUMPCS0	119		1/1	
AAP1IN	(4)OT	GRD	037		1/4,1/2	
	(14)GRD	GRD			1/1	
AAP2IN	(1)GRD	GRD	118		1/1	
AARASOK1	(4)OT	RASOK1	019		1/4	
	I				1/1	
AARVCKEA	(4)I	RCKENAB	207		1/2	
AARVSELA	(4)I	RCKSELA	209		1/2	
AARVSELB	(4)I	RCKSELB	208		1/2	
AARVTSDA	(4)I	RVTSDATA	317		1/2	
AASELTPA	(4)I	SELTPAR1	305		1/2	
AATLDCNA	(4)I	TLDCLKN	310		1/2	
AATRCKEA	(4)I	TCKENAB	307		1/2	
AATRSELA	(4)I	TCKSELA	309		1/2	
AATRSELB	(4)I	TCKSELB	308		1/2	
AATSORIN	(4)O	TSORINT	224		1/2	
AATSOTIN	(4)O	TSOTINT	324		1/2	
AATS1RIN	(4)O	TS1RINT	223		1/2	
AATS1TIN	(4)O	TS1TINT	323		1/2	
AATS2RIN	(4)O	TS2RINT	222		1/2	
AATS2TIN	(4)O	TS2TINT	322		1/2	
AATS3RIN	(4)O	TS3RINT	221		1/2	
AATS3TIN	(4)O	TS3TINT	321		1/2	
AAULDCKA	(4)I	RUNLDCKN	210		1/2	
AAXADDPH	(4)IO	XADDPH	156		1/1	
	(14)I	XADDPH				

SYMBOL NO. 3 (CONT)

MODULE MESSAGE PROCESSOR 2A - PUMP PERIPHERAL CONTROLLER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2AA	04-042	TN858	A	(4)
PPC	04-042	TN886	A	(14)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
AAXADDPL	(4)IO	XADDPL	056		1/1	
	(14)I	XADDPL				
AAXADDPU	(4)OT	XADDPU	255		1/4	
	I				1/1	
AAXADD00	(4)IO	XADD00	046		1/1	
	(14)I	XADD00				
AAXADD01	(4)IO	XADD01	146		1/1	
	(14)I	XADD01				
AAXADD02	(4)IO	XADD02	047		1/1	
	(14)I	XADD02				
AAXADD03	(4)IO	XADD03	147		1/1	
	(14)I	XADD03				
AAXADD04	(4)IO	XADD04	048		1/1	
	(14)I	XADD04				
AAXADD05	(4)IO	XADD05	148		1/1	
	(14)I	XADD05				
AAXADD06	(4)IO	XADD06	049		1/1	
	(14)I	XADD06				
AAXADD07	(4)IO	XADD07	149		1/1	
	(14)I	XADD07				
AAXADD08	(4)IO	XADD08	050		1/1	
	(14)I	XADD08				
AAXADD09	(4)IO	XADD09	150		1/1	
	(14)I	XADD09				
AAXADD10	(4)IO	XADD10	051		1/1	
	(14)I	XADD10				
AAXADD11	(4)IO	XADD11	151		1/1	
	(14)I	XADD11				
AAXADD12	(4)IO	XADD12	052		1/1	
	(14)I	XADD12				
AAXADD13	(4)IO	XADD13	152		1/1	
	(14)I	XADD13				
AAXADD14	(4)IO	XADD14	053		1/1	
	(14)I	XADD14				
AAXADD15	(4)IO	XADD15	153		1/1	
	(14)I	XADD15				
AAXADD16	(4)IO	XADD16	054		1/1	
AAXADD17	(4)IO	XADD17	154		1/1	
AAXADD18	(4)IO	XADD18	055		1/1	
AAXADD19	(4)IO	XADD19	155		1/1	
AAXALPGE	I	XALRPGE0	020		1/1	
AAXCLK86	I	XCLK86	355		1/1	
AAXCLRES	(4)I	XCLRESR0	133		1/1	
AAXCSWIN	I	XCSWINDO	143		1/1	
AAXC4MHZ	(4)I	XCLK4MHZ	043		1/1	
AAXDATPH	(1)I	DATPARHI	354		1/1	
AAXDATPL	IO	DATPARLO	254		1/1	
AAXDAT00	IO	BYDATA00	246		1/1	
AAXDAT01	IO	BYDATA01	346		1/1	
AAXDAT02	IO	BYDATA02	247		1/1	
AAXDAT03	IO	BYDATA03	347		1/1	
AAXDAT04	IO	BYDATA04	248		1/1	
AAXDAT05	IO	BYDATA05	348		1/1	
AAXDAT06	IO	BYDATA06	249		1/1	
AAXDAT07	IO	BYDATA07	349		1/1	
AAXDAT08	(1)I	WDDATA08	250		1/1	
AAXDAT09	(1)I	WDDATA09	350		1/1	
AAXDAT10	(1)I	WDDATA10	251		1/1	
AAXDAT11	(1)I	WDDATA11	351		1/1	
AAXDAT12	(1)I	WDDATA12	252		1/1	
AAXDAT13	(1)I	WDDATA13	352		1/1	
AAXDAT14	(1)I	WDDATA14	253		1/1	
AAXDAT15	(1)I	WDDATA15	353		1/1	

SYMBOL NO. 3 (CONT)

MODULE MESSAGE PROCESSOR 2A - PUMP PERIPHERAL CONTROLLER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2AA	04-042	TN858	A	(4)
PPC	04-042	TN886	A	(14)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
AAXDYRWS	(4)I	XDYRWAT0	136		1/1	
AAXD86TR	(4)I	XD86T1R0	140		1/1	
AAXFUNCN	(4)I	XFUNCEN1	122		1/1	
AAXHDACK	(4)I	XHLDACK0	139		1/1	
AAXINACK	(1)I	XINTACK0	138		1/1	
AAXINREQ	(1)OT	XINTREQ0	038		1/2	
AAXIORD0	I	XIORD0	041		1/1	
AAXIOWT0	I	XIOWT0	141		1/1	
AAXLATCH	I	XLATCH0	135		1/1	
AAXMEMID	I	XMEMIDO	040		1/1	
AAXMEMRD	(4)OT	XMEMRD	042		1/4	
	(14)I	XMEMRD			1/1	
AAXMEMWT	(4)OT	XMEMWT	142		1/4	
	(14)I	XMEMWT			1/1	
AAX10MIN	(1)I	X10MSINT	033		1/1	
AAX25CRA	(4)I	X25CLKR	218		1/2	
AAX25CTA	(4)I	X25CLKT	318		1/2	
ANCURPR	(4)OT	-CURPR	012		1/2	
	(14)OT	NCURPR				
APCURPR	(4)OT	+CURPR	112		1/2	
	(14)OT	PCURPR				
A03TVLPA	(1)O	CKWDCTRO	111			
	(4)I	TSTVET0	011			
	(14)I	CKWDCTR1				
A03TVLPB	(4)O	X253.5	110			
	(14)O	CLKSPSRO				
	(4)I	XX253.5M	010			
	(14)I	CLKSPSRI				
A03TVLPC	(4)O	ENANTBUF	109			
	(14)O	RDBUFMO				
	(4)I	ENHTBUF	009			
	(14)I	RDBUFMI				
A03TVLPD	(4)O	BRDRDO	108			
	(14)O	CLKFTBUO				
	(4)I	BDRD0	008			
	(14)I	CLKFTBUI				
GRD04042	(4)I	TN858SEL	314			
	GRD	GRD	023			
	GRD	GRD	024			
	GRD	GRD	032			
	GRD	GRD	044			
	GRD	GRD	045			
	GRD	GRD	123			
	GRD	GRD	124			
	GRD	GRD	132			
	GRD	GRD	144			
	GRD	GRD	145			
	GRD	GRD	200			
	GRD	GRD	201			
	GRD	GRD	211			
	GRD	GRD	212			
	GRD	GRD	244			

PART OF FS 1

SYMBOL(S) 2 3

COPYRIGHT (c) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE	ISSUE
C2	2A

AT&T BELL LABORATORIES	SD-5D066-01	B#1CC

PRINTED IN U.S.A.

PART OF FS 1

MODULE MESSAGE PROCESSORS - SIDE A

SYMBOL NO. 3 (CONT)

MODULE MESSAGE PROCESSOR 2A - PUMP PERIPHERAL CONTROLLER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2AA	04-042	TN858	A	(4)
PPC	04-042	TN886	A	(14)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	245			
	GRD	GRD	256			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	311			
	GRD	GRD	312			
	GRD	GRD	344			
	GRD	GRD	345			
	GRD	GRD	356			
POCLKN	(4)O	TSOTDAT	235		TO MESSAGE INTERFACE/CLOCK UNIT	P/POCLKP
	(14)I	OCLKN				
POCLKP	(4)O	TSODAT	335		TO MESSAGE INTERFACE/CLOCK UNIT	P/POCLKN
	(14)I	OCLKP				
	(4)O	TSODAT				
	(14)I	OCLKP				
PORDATAN	(1)I	ORDATAN	237		TO MESSAGE INTERFACE/CLOCK UNIT	P/PORDATAP
PORDATAP	(1)I	ORDATAP	337		TO MESSAGE INTERFACE/CLOCK UNIT	P/PORDATAN
POSYNCN	(4)O	TS1TDAT	234		TO MESSAGE INTERFACE/CLOCK UNIT	P/POSYNCP
	(14)I	OSYNCN				
POSYNCP	(4)O	TS1DAT	334		TO MESSAGE INTERFACE/CLOCK UNIT	P/POSYNCN
	(14)I	OSYNCP				
POTDATAN	(1)O	OTDATAN	236		TO MESSAGE INTERFACE/CLOCK UNIT	P/POTDATAP
POTDATAP	(1)O	OTDATAP	336		TO MESSAGE INTERFACE/CLOCK UNIT	P/POTDATAN
P1CLKN	(1)I	1CLKN	240		TO MESSAGE INTERFACE/CLOCK UNIT	P/P1CLKP
P1CLKP	(1)I	1CLKP	340		TO MESSAGE INTERFACE/CLOCK UNIT	P/P1CLKN
P1RDATAN	(1)I	1RDATAN	242		TO MESSAGE INTERFACE/CLOCK UNIT	P/P1RDATAP
P1RDATAP	(1)I	1RDATAP	342		TO MESSAGE INTERFACE/CLOCK UNIT	P/P1RDATAN
P1SYNCN	(1)I	1SYNCN	239		TO MESSAGE INTERFACE/CLOCK UNIT	P/P1SYNCP
P1SYNCP	(1)I	1SYNCP	339		TO MESSAGE INTERFACE/CLOCK UNIT	P/P1SYNCN
P1TDATAN	(1)O	1TDATAN	241		TO MESSAGE INTERFACE/CLOCK UNIT	P/P1TDATAP
P1TDATAP	(1)O	1TDATAP	341		TO MESSAGE INTERFACE/CLOCK UNIT	P/P1TDATAN
TPCLK6BL	(1)TP	CLK6BLAT	115			
TPCSBUFA	(1)TP	CSBUFA0	116			
TPCSBUFB	(1)TP	CSBUFB0	016			
TPDTRCOM	(1)TP	DTRCOMP1	343			
TPFRMTST	(1)TP	FRMTST1	014			
	(1)TP	FRMTST2	015			
TPGENFRB	(1)TP	GENFRBIT	114			
TPMUX01	(1)TP	MUX01	004			
TPMUX02	(1)TP	MUX02	005			

SYMBOL NO. 3 (CONT)

MODULE MESSAGE PROCESSOR 2A - PUMP PERIPHERAL CONTROLLER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2AA	04-042	TN858	A	(4)
PPC	04-042	TN886	A	(14)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
TPMUX03	(1)TP	MUX03	102			
TPMUX04	(1)TP	MUX04	103			
TPMUX05	(1)TP	MUX05	104			
TPMUX06	(1)TP	MUX06	105			
TPMUX07	(1)TP	MUX07	113			
TPMUX08	(1)TP	MUX08	202			
TPMUX09	(1)TP	MUX09	203			
TPMUX10	(1)TP	MUX10	204			
TPMUX11	(1)TP	MUX11	205			
TPMUX12	(1)TP	MUX12	206			
TPMUX13	(1)TP	MUX13	302			
TPMUX14	(1)TP	MUX14	303			
TPMUX15	(1)TP	MUX15	304			
TPRDPARE	(1)TP	RDPARER1	243			
TPTSRAME	(1)TP	TSRAMER1	238			
TPWTDAEN	(1)TP	WTDAENB0	017			
	(1)TP	WTDAENA0	117			

SYMBOL NO. 4

MODULE MESSAGE PROCESSOR 2B

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2BA	04-050	TN858	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	TS3TDAT	232			
	O	TS2TDAT	233			
	O	TS1TDAT	234			
	O	TS0TDAT	235			
	O	TS3DAT	332			
	O	TS2DAT	333			
	O	TS1DAT	334			
	O	TS0DAT	335			
	I	TN858SEL	314			
A+5PWR01	PWR	+5	000		1/1	
	PWR	+5	001		1/1	
	PWR	+5	100		1/1	
	PWR	+5	101		1/1	
AAADDPEB	O	ADDPE0	213		1/2	
AABMIBER	O	MIBERR1	215		1/2	
AACCNACK	I	CNTAACK1	220		1/2	
AACCNREQ	O	CNTAREQ0	320		1/2	
AACLMIBE	I	CLMIERR0	214		1/2	
AACRPARB	I	CHRPAR	216		1/2	
AACTPARB	I	CHTPAR	316		1/2	
AADATPEB	O	DATAPE0	313		1/2	
AADCNACK	I	CNTBACK1	219		1/2	
AADCNREQ	O	CNTBREQ0	319		1/2	
AAEBYBYT	OT	ENBYBYT0	134		1/2	
AAELOBYT	OT	ENLOBYT0	034		1/2	
AAE2MHZX	I	E2MHZX	002		1/2	
AAINVPAR	I	INVRPAR	306		1/2	

SYMBOL NO. 4 (CONT)

MODULE MESSAGE PROCESSOR 2B

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2BA	04-050	TN858	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
AAL2MHZX	I	L2MHZX	006		1/2	
AAMITDTB	O	MIBTDAT	106		1/2	
AAMP2BEQ	O	GRD	003		1/2	
AAPBHE0	OT	PBHE0	018		1/3	
AAP11N	OT	GRD	037		1/3	
AARASOK1	OT	RASOK1	019		1/3	
AARVCKEB	I	RCKENAB	207		1/2	
AARVSELA	I	RCKSELA	209		1/2	
AARVSELB	I	RCKSELB	208		1/2	
AARVTSDA	I	RVTSDATA	317		1/2	
AASELTPA	I	SELTPAR1	305		1/2	
AATLDCNB	I	TLDCLKN	310		1/2	
AATRCKEB	I	TCKENAB	307		1/2	
AATRSELA	I	TCKSELA	309		1/2	
AATRSELB	I	TCKSELB	308		1/2	
AATS4RIN	O	TS0RINT	224		1/2	
AATS4TIN	O	TS0TINT	324		1/2	
AATS5RIN	O	TS1RINT	223		1/2	
AATS5TIN	O	TS1TINT	323		1/2	
AATS6RIN	O	TS2RINT	222		1/2	
AATS6TIN	O	TS2TINT	322		1/2	
AATS7RIN	O	TS3RINT	221		1/2	
AATS7TIN	O	TS3TINT	321		1/2	
AAULDCKB	I	RUNLDCKN	210		1/2	
AAXADDPH	IO	XADDPH	156		1/1	
AAXADDPL	IO	XADDPL	056		1/1	
AAXADDPU	OT	XADDPU	255		1/3	
AAXADD00	IO	XADD00	046		1/1	
AAXADD01	IO	XADD01	146		1/1	
AAXADD02	IO	XADD02	047		1/1	
AAXADD03	IO	XADD03	147		1/1	
AAXADD04	IO	XADD04	048		1/1	
AAXADD05	IO	XADD05	148		1/1	
AAXADD06	IO	XADD06	049		1/1	
AAXADD07	IO	XADD07	149		1/1	
AAXADD08	IO	XADD08	050		1/1	
AAXADD09	IO	XADD09	150		1/1	
AAXADD10	IO	XADD10	051		1/1	
AAXADD11	IO	XADD11	151		1/1	
AAXADD12	IO	XADD12	052		1/1	
AAXADD13	IO	XADD13	152		1/1	
AAXADD14	IO	XADD14	053		1/1	
AAXADD15	IO	XADD15	153		1/1	
AAXADD16	IO	XADD16	054		1/1	
AAXADD17	IO	XADD17	154		1/1	
AAXADD18	IO	XADD18	055		1/1	
AAXADD19	IO	XADD19	155		1/1	
AAXALPGE	I	XALWPGE0	020		1/1	
AAXCLK86	I	XCLK86	355		1/1	
AAXCLRES	I	XCLRESR0	133		1/1	
AAXCSWIN	I	XCSWIND0	143		1/1	
AAXC4MHZ	I	XCLK4MHZ	043		1/1	
AAXDATPL	IO	DATPARL0	254		1/1	
AAXDAT00	IO	BYDATA00	246		1/1	
AAXDAT01	IO	BYDATA01	346		1/1	
AAXDAT02	IO	BYDATA02	247		1/1	
AAXDAT03	IO	BYDATA03	347		1/1	
AAXDAT04	IO	BYDATA04	248		1/1	
AAXDAT05	IO	BYDATA05	348		1/1	
AAXDAT06	IO	BYDATA06	249		1/1	

SYMBOL NO. 4 (CONT)

MODULE MESSAGE PROCESSOR 2B

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2BA	04-050	TN858	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
AAXDAT07	IO	BYDATA07	349		1/1	
AAXDYRWS	I	XDYRWAT0	136		1/1	
AAXD86TR	I	XD86T1R0	140		1/1	
AAXFUNCN	I	XFUNCEN1	122		1/1	
AAXHDACK	I	XHLDACK0	139		1/1	
AAXIORD0	I	XIORD0	041		1/1	
AAXIOWT0	I	XIOWT0	141		1/1	
AAXLATCH	I	XLATCH0	135		1/1	
AAXMEM10	I	XMEM11D0	040		1/1	
AAXMEMRD	OT	XMEMRD	042		1/3	
AAXMEMWT	OT	XMEMWT	142		1/3	
AAX25CRB	I	X25CLKR	218		1/2	
AAX25CTB	I	X25CLKT	318		1/2	
ANCURPR	OT	-CURPR	012		1/2	
APCURPR	OT	+CURPR	112		1/2	
A04TVLPA	I	TSTVET0	011			
A04TVLPB	O	X253.5	110			
	I	XX253.5M	010			
A04TVLPC	O	ENAWTBUF	109			
	I	ENWTBUF	009			
A04TVLPD	O	BRDRD0	108			
	I	BDRD0	008			
GRD04050	GRD	GRD	023			
	GRD	GRD	024			
	GRD	GRD	032			
	GRD	GRD	044			
	GRD	GRD	045			
	GRD	GRD	123			
	GRD	GRD	124			
	GRD	GRD	132			
	GRD	GRD	144			
	GRD	GRD	145			
	GRD	GRD	200			
	GRD	GRD	201			
	GRD	GRD	211			
	GRD	GRD	212			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	256			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	311			
	GRD	GRD	312			
	GRD	GRD	344			
	GRD	GRD	345			
	GRD	GRD	356			

PART OF FS 1

SYMBOL(S) 3 4

COPYRIGHT (c) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE C2 | ISSUE 2A

AT&T BELL LABORATORIES | SD-5D066-01 | B#1CD

PRINTED IN U.S.A.

PART OF FS 1

MODULE MESSAGE PROCESSORS - SIDE A

SYMBOL NO. 5

MESSAGE SWITCH PERIPHERAL PROCESSOR - FOUNDATION PERIPHERAL CONTROLLER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPPB/FP	04-064	MC5D036A1B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	PWR	+5	210			
	PWR	+5	310			
	O	DATAPLI	220			
	O		232			
	O		233			
	O		234			
	O		235			
	O		236			
	O		237			
	O		238			
	O	DATAPHI	321			
	O		332			
	O		333			
	O		335			
	O		336			
	O		337			
	O		338			
	-	MONDBCS0	341			
	I	P3IN	218			
	I	EPMBDIR	221			
	I	UACEQP0	241			
	I	UACINT0	242			
	I	INHRTCT0	243			
	I		313			
	I		317			
	I	XDLYDIR0	318			
	I	PICINIT0	342			
	I	CLRISOL0	343			
A+5PWR01	PWR	+5	000		1/1	
	PWR	+5	001		1/1	
	PWR	+5	100		1/1	
	PWR	+5	101		1/1	
	I	VPP	323		1/1	
ABADD2PE	I	ADD2PE0	021		1/6	
ABCMDINT	IO	CMDINT10	120		1/6,1/7	
ABCSA0	O	CSA0	202		TO MESSAGE SWITCH CONTROL UNIT	
ABDAT2PE	I	DAT2PE0	121		1/6	
ABEBYBYT	I	ENBYBYT0	134		1/6	
ABEHIBYT	I	ENHIBYT0	035			
ABELOBYT	I	ENLOBYT0	034		1/6	
ABERR0	O	ERR0	102		TO MESSAGE SWITCH CONTROL UNIT	
ABINTR0	O	INTR0	302		TO MESSAGE SWITCH CONTROL UNIT	
ABPBHE0	IO	PBHE0	018		1/7	
ABPCSEL0	I	PCSEL0	305		TO MESSAGE SWITCH CONTROL UNIT	
ABPUMPCS	O	PUMPCS0	119			
ABP11N	I	P11N	037		1/7	
ABP2IN	I	P2IN	118		1/7	
ABRASOK1	I	RASOK1	019		1/7	
ABSR0	O	SR0	002		TO MESSAGE SWITCH CONTROL UNIT	
ABXADDPH	IO	XADDPH	156		1/7,1/8	
ABXADDPL	IO	XADDPL	056		1/7,1/8	

SYMBOL NO. 5 (CONT)

MESSAGE SWITCH PERIPHERAL PROCESSOR - FOUNDATION PERIPHERAL CONTROLLER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPPB/FP	04-064	MC5D036A1B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
ABXADDPU	IO	XADDPU	255		1/7	
ABXADD00	IO	XADD00	046		1/7,1/8	
ABXADD01	IO	XADD01	146		1/6 1/7,1/8 1/6	
ABXADD02	IO	XADD02	047		1/7,1/8	
ABXADD03	IO	XADD03	147		1/6 1/7,1/8	
ABXADD04	IO	XADD04	048		1/6 1/7,1/8 1/6	
ABXADD05	IO	XADD05	148		1/7,1/8	
ABXADD06	IO	XADD06	049		1/6 1/7,1/8	
ABXADD07	IO	XADD07	149		1/6 1/7,1/8 1/6	
ABXADD08	IO	XADD08	050		1/7,1/8	
ABXADD09	IO	XADD09	150		1/7,1/8	
ABXADD10	IO	XADD10	051		1/7,1/8	
ABXADD11	IO	XADD11	151		1/7,1/8	
ABXADD12	IO	XADD12	052		1/7,1/8	
ABXADD13	IO	XADD13	152		1/7,1/8	
ABXADD14	IO	XADD14	053		1/7,1/8	
ABXADD15	IO	XADD15	153		1/7,1/8	
ABXADD16	IO	XADD16	054		1/7,1/8	
ABXADD17	IO	XADD17	154		1/7,1/8	
ABXADD18	IO	XADD18	055		1/7,1/8	
ABXADD19	IO	XADD19	155		1/7,1/8	
ABXALPGE	O	XALWPGE0	020		1/6,1/7 1/8	
ABXCLK86	O	XCLK86	355		1/7,1/8	
ABXCLRES	O	XCLRESR0	133		1/6,1/7 1/8	
ABXCNTWS	I	CONTWS0	036		1/6,1/7	
ABXCSWIN	O	XCSWIND0	143		1/8	
ABXC4MHZ	O	XCLK4MHZ	043		1/6,1/7 1/8	
ABXDATPH	IO	DATPARHI	354		1/6,1/7	
ABXDATPL	IO	DATPARLO	254		1/8	
ABXDAT00	IO	BYDATA00	246		1/6,1/7 1/8	
ABXDAT01	IO	BYDATA01	346		1/6,1/7 1/8	
ABXDAT02	IO	BYDATA02	247		1/6,1/7 1/8	
ABXDAT03	IO	BYDATA03	347		1/6,1/7 1/8	
ABXDAT04	IO	BYDATA04	248		1/6,1/7 1/8	
ABXDAT05	IO	BYDATA05	348		1/6,1/7 1/8	
ABXDAT06	IO	BYDATA06	249		1/6,1/7 1/8	
ABXDAT07	IO	BYDATA07	349		1/6,1/7 1/8	
ABXDAT08	IO	WDDATA08	250			
ABXDAT09	IO	WDDATA09	350			
ABXDAT10	IO	WDDATA10	251			
ABXDAT11	IO	WDDATA11	351			
ABXDAT12	IO	WDDATA12	252			
ABXDAT13	IO	WDDATA13	352			
ABXDAT14	IO	WDDATA14	253			
ABXDAT15	IO	WDDATA15	353			

SYMBOL NO. 5 (CONT)

MESSAGE SWITCH PERIPHERAL PROCESSOR - FOUNDATION PERIPHERAL CONTROLLER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPPB/FP	04-064	MC5D036A1B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
ABXDIRRW	O	XDIRLRHW	137			
ABXDYRWS	O	XDYRWAT0	136		1/7,1/8	
ABXD86TR	O	XD86T1R0	140		1/6,1/7 1/8	
ABXFUNCN	O	XFUNCEN1	122		1/6,1/7 1/8	
ABXHDACK	O	XHLDACK0	139		1/6,1/7 1/8	
ABXHDREQ	I	XHLDREQ0	039		1/6	
ABXINACK	O	XINTACK0	138		1/6,1/7	
ABXINREQ	I	XINTREQ0	038		1/6	
ABXIORD0	O	XIORD0	041		1/6,1/7 1/8	
ABXIOWT0	O	XIOWT0	141		1/6,1/7 1/8	
ABXLATCH	O	XLATCH0	135		1/6,1/7 1/8	
ABXMEMIO	O	XMEM1IO0	040		1/6,1/7 1/8	
ABXMEMRD	IO	XMEMRD	042		1/7	
ABXMEMWT	IO	XMEMWT	142		1/7	
ABXPWRRS	O	XPWRRST0	022		1/7	
ABX10MIN	O	X10MSINT	033		1/6,1/7	
ACMDINT0	I	CMDINT0	303		1/1	
ADMAAD00	I	DMAAD001	009		1/1	
ADMAAD01	I	DMAAD011	109		1/1	
ADMAAD02	I	DMAAD021	010		1/1	
ADMAAD03	I	DMAAD031	110		1/1	
ADMAAD04	I	DMAAD041	011		1/1	
ADMAAD05	I	DMAAD051	111		1/1	
ADMAAD06	I	DMAAD061	013		1/1	
ADMAAD07	I	DMAAD071	113		1/1	
ADMAAD08	I	DMAAD081	014		1/1	
ADMAAD09	I	DMAAD091	114		1/1	
ADMAAD10	I	DMAAD101	015		1/1	
ADMAAD11	I	DMAAD111	115		1/1	
ADMAAD12	I	DMAAD121	016		1/1	
ADMAAD13	I	DMAAD131	116		1/1	
ADMAAD14	I	DMAAD141	017		1/1	
ADMAAD15	I	DMAAD151	117		1/1	
ADMADAP1	IO	DMADAP1	205		1/1	
ADMADA00	IO	DMADA001	005		1/1	
ADMADA01	IO	DMADA011	105		1/1	
ADMADA02	IO	DMADA021	006		1/1	
ADMADA03	IO	DMADA031	106		1/1	
ADMADA04	IO	DMADA041	007		1/1	
ADMADA05	IO	DMADA051	107		1/1	
ADMADA06	IO	DMADA061	008		1/1	
ADMADA07	IO	DMADA071	108		1/1	
ADMAOPC0	I	DMAOPC0	104		1/1	P/GRD04036
ADMARD0	I	DMARD0	204		1/1	
ADMAREQ0	I	DMAREQ0	004		1/1	
ADMAWT0	I	DMAWT0	304		1/1	P/GRD04036
AINITPC0	I	INITPC0	203		1/1	
ANCURPR	IO	NCURPR	012		1/2	
APCURPR	IO	PCURPR	112		1/2	
ARISOL0	I	RISOL0	103		1/1	
ASISOL0	I	SISOL0	003		1/1	
AD5TVLPC	PWR	+5PWR0	215			
	PWR	+5PWR1	315			
GRD04064	I	XPGM64E	324			

SYMBOL NO. 5 (CONT)

MESSAGE SWITCH PERIPHERAL PROCESSOR - FOUNDATION PERIPHERAL CONTROLLER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPPB/FP	04-064	MC5D036A1B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	023			309
	GRD	GRD	024			
	GRD	GRD	032			
	GRD	GRD	044			
	GRD	GRD	045			
	GRD	GRD	123			
	GRD	GRD	124			
	GRD	GRD	132			
	GRD	GRD	144			
	GRD	GRD	145			
	GRD	GRD	200			
	GRD	GRD	201			
	GRD	GRD	211			
	GRD	GRD	212			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	256			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	311			
	GRD	GRD	312			
	GRD	GRD	344			
	GRD	GRD	345			
	GRD	GRD	356			

PART OF FS 1

SYMBOL(S) 5

COPYRIGHT (C) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE D2 | ISSUE 2A

AT&T BELL LABORATORIES | SD-5D066-01 | B#1CE

PRINTED IN U.S.A.

PART OF FS 1

MODULE MESSAGE PROCESSORS - SIDE A

SYMBOL NO. 6

MODULE MESSAGE PROCESSOR 1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP1B	04-084	UN170B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	SYNCLKE1	013			
	O	MIBCLKE1	113			
	O	SEQPER0	219			
	O	RCVPER0	220			
	O	TSSLD1	221			
	O	CHKTSSP	222			
	O	SPAREG	223			
	O	INVBIT6P	224			
	O	SPARED	243			
	O	TRMPER0	319			
	O	TSSPER0	320			
	O	TSSCK	321			
	O	TSSPCK	322			
	O	SPAREE	323			
	O	SEQPAR	324			
	O	MIBERR1	333			
	O	SPAREC	343			
	I	MMPSELB	002			
	I	MMPSELA	003			
	I	TVACC1	232			
	I	TVACC2	233			
	I	TVACC3	332			
A-5PWR01	PWR	+5	000			1/1
	PWR	+5	001			1/1
	PWR	+5	100			1/1
	PWR	+5	101			1/1
ABACNACK	O	ACNTACK1	533			1/7
ABACNREQ	I	ACNTREQ0	535			1/7
ABADDPEA	I	ADDPEA	539			1/7
ABADDPEB	I	ADDPEB	439			1/8
ABADC2PE	OT	ADD2PE0	021			1/7
	I					1/5
ABAMIBER	I	AMIBERR1	542			1/7
ABBCNACK	O	BCNTACK1	532			1/7
ABBCNREQ	I	BCNTREQ0	534			1/7
ABBMIBER	I	BMIBERR1	442			1/8
ABCCNACK	O	CCNTACK1	433			1/8
ABCCNREQ	I	CCNTREQ0	435			1/8
ABCLMIBE	O	CLMIBE0	541			1/7,1/8
ABCMDINT	I	CMDINT10	120			1/5
ABCRPARA	O	CHRPARA	305			1/7
ABCRPARB	O	CHRPARB	205			1/8
ABCTPARA	O	CHTPARA	306			1/7
ABCTPARB	O	CHTPARB	206			1/8
ABDATPEA	I	DATAPEA	540			1/7
ABDATPEB	I	DATAPEB	440			1/8
ABDATZPE	OT	DATZPE0	121			1/7
	I					1/5
ABDCNACK	O	DCNTACK1	432			1/8
ABDCNREQ	I	DCNTREQ0	434			1/8
ABEBYBYT	OT	EMBYBYT0	134			1/7,1/8
	I					1/5
ABELOBYT	OT	ENLOBYT0	034			1/7,1/8
	I					1/5
ABE2MHZX	O	E2MHZX	509			1/7,1/8
ABINVPAR	O	INVRPAR	502			1/7,1/8
ABL2MHZX	O	L2MHZX	513			1/7,1/8
ABMITDTA	I	AMIBTDAT	302			1/7
ABMITDTB	I	BMIBTDAT	202			1/8
ABMP2BEQ	I	MMP2BE00	443			1/8
ABP11N	GRD	P2IN	037			1/7

SYMBOL NO. 6 (CONT)

MODULE MESSAGE PROCESSOR 1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP1B	04-084	UN170B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
ABRVCKEA	O	RCVCKENA	307		1/7	
ABRVCKEB	O	RCVCKENB	207		1/8	
ABRVSELA	O	RCVSELA	304		1/7,1/8	
ABRVSELB	O	RCVSELB	303		1/7,1/8	
ABRVTSDA	O	RVTSDATA	402		1/7,1/8	
ABSELTPA	O	SELTPAR1	503		1/7,1/8	
ABTLDCNA	O	TLDCKNA	310		1/7	
ABTLDCNB	O	TLDCKNB	210		1/8	
ABTRCKEA	O	TRMCKENA	308		1/7	
ABTRCKEB	O	TRMCKENB	208		1/8	
ABTRSELA	O	TRMSELA	204		1/7,1/8	
ABTRSELB	O	TRMSELB	203		1/7,1/8	
ABTSORIN	I	TSORINT	552		1/7	
ABTSOTIN	I	TSOTINT	452		1/7	
ABTS1RIN	I	TS1RINT	551		1/7	
ABTS1TIN	I	TS1TINT	451		1/7	
ABTS2RIN	I	TS2RINT	550		1/7	
ABTS2TIN	I	TS2TINT	450		1/7	
ABTS3RIN	I	TS3RINT	549		1/7	
ABTS3TIN	I	TS3TINT	449		1/7	
ABTS4RIN	I	TS4RINT	548		1/8	
ABTS4TIN	I	TS4TINT	448		1/8	
ABTS5RIN	I	TS5RINT	547		1/8	
ABTS5TIN	I	TS5TINT	447		1/8	
ABTS6RIN	I	TS6RINT	546		1/8	
ABTS6TIN	I	TS6TINT	446		1/8	
ABTS7RIN	I	TS7RINT	545		1/8	
ABTS7TIN	I	TS7TINT	445		1/8	
ABULDCKA	O	RULDCKNA	309		1/7	
ABULDCKB	O	RULDCKNB	209		1/8	
ABXADDPL	I	XADDPL	056		1/5	
ABXADD00	I	XADD00	046		1/5	
ABXADD01	I	XADD01	146		1/5	
ABXADD02	I	XADD02	047		1/5	
ABXADD03	I	XADD03	147		1/5	
ABXADD04	I	XADD04	048		1/5	
ABXADD05	I	XADD05	148		1/5	
ABXADD06	I	XADD06	049		1/5	
ABXADD07	I	XADD07	149		1/5	
ABXALPGE	I	XALWPGE0	020		1/5	
ABXCLRES	I	XCLRESR0	133		1/5	
ABXCSWIN	I	XCSWIND0	143		1/5	
ABXC4MHZ	I	XCLK4MHZ	043		1/5	
ABXDATPL	IO	DATPARL0	254		1/5	
ABXDAT00	IO	BYDATA00	246		1/5	
ABXDAT01	IO	BYDATA01	346		1/5	
ABXDAT02	IO	BYDATA02	247		1/5	
ABXDAT03	IO	BYDATA03	347		1/5	
ABXDAT04	IO	BYDATA04	248		1/5	
ABXDAT05	IO	BYDATA05	348		1/5	
ABXDAT06	IO	BYDATA06	249		1/5	
ABXDAT07	IO	BYDATA07	349		1/5	
ABXD86TR	I	XD86T1R0	140		1/5	
ABXFUNCN	I	XFUNCEN1	122		1/5	
ABXHDACK	I	XHLDACK0	139		1/5	
ABXHDREQ	O	XHLDREQ0	039		1/5	
ABXINACK	I	XINTACK0	138		1/5	
ABXINREQ	OT	XINTREQ0	038		1/7	
	I				1/5	
ABXIORD0	I	XIORD0	041		1/5	
ABXIOWT0	I	XIOWT0	141		1/5	

SYMBOL NO. 6 (CONT)

MODULE MESSAGE PROCESSOR 1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP1B	04-084	UN170B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
ABXLATCH	I	XLATCH0	135		1/5	
ABXMEMIO	I	XMEM1100	040		1/5	
ABX10MIN	I	X10MSINT	033		1/5	
ABX25CRA	O	X25CLKRA	106		1/7	
ABX25CRB	O	X25CLKRB	006		1/8	
ABX25CTA	O	X25CLKTA	105		1/7	
ABX25CTB	O	X25CLKTB	005		1/8	
ANCURPR	OT	-CURPR	012		1/2	
APCURPR	OT	+CURPR	112		1/2	
ASQADDR8	I	SEQADDR8	103		1/2	
ASQADDR9	I	SEQADDR9	102		1/2	
A0CLKN	I	0CLKN	235		1/2	P/A0CLKP
A0CLKP	I	0CLKP	335		1/2	P/A0CLKN
A0RDATAN	I	0RDATAN	237		1/2	P/A0RDATAP
A0RDATAP	I	0RDATAP	337		1/2	P/A0RDATAN
A0SYNCN	I	0SYNCN	234		1/2	P/A0SYNCP
A0SYNCP	I	0SYNCP	334		1/2	P/A0SYNCN
A0TDATAN	OT	0TDATAN	236		1/2	P/A0TDATAP
A0TDATAP	OT	0TDATAP	336		1/2	P/A0TDATAN
A06TVLPD	I	TSTVET0	008			
A1CLKN	I	1CLKN	240		1/2	P/A1CLKP
A1CLKP	I	1CLKP	340		1/2	P/A1CLKN
A1RDATAN	I	1RDATAN	242		1/2	P/A1RDATAP
A1RDATAP	I	1RDATAP	342		1/2	P/A1RDATAN
A1SYNCN	I	1SYNCN	239		1/2	P/A1SYNCP
A1SYNCP	I	1SYNCP	339		1/2	P/A1SYNCN
A1TDATAN	OT	1TDATAN	241		1/2	P/A1TDATAP
A1TDATAP	OT	1TDATAP	341		1/2	P/A1TDATAN
GRD04084	I	TSTVET1	007			
	I	GRD	444			
	GRD	GRD	023			
	GRD	GRD	024			
	GRD	GRD	032			
	GRD	GRD	044			
	GRD	GRD	045			
	GRD	GRD	123			
	GRD	GRD	124			
	GRD	GRD	132			
	GRD	GRD	144			
	GRD	GRD	145			
	GRD	GRD	200			
	GRD	GRD	201			
	GRD	GRD	211			
	GRD	GRD	212			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	256			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	311			
	GRD	GRD	312			
	GRD	GRD	344			
	GRD	GRD	345			
	GRD	GRD	356			
	GRD	GRD	400			
	GRD	GRD	401			
	GRD	GRD	410			
	GRD	GRD	411			
	GRD	GRD	412			
	GRD	GRD	500			

SYMBOL NO. 6 (CONT)

MODULE MESSAGE PROCESSOR 1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP1B	04-084	UN170B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	501			
	GRD	GRD	510			
	GRD	GRD	511			
	GRD	GRD	512			
	GRD	GRD	544			

PART OF FS 1

SYMBOL(S) 6

COPYRIGHT (C) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE C2 | ISSUE 2A

AT&T BELL LABORATORIES | SD-5D066-01 | B#1CF

PRINTED IN U.S.A.

PART OF FS 1

MODULE MESSAGE PROCESSORS - SIDE A

SYMBOL NO. 7

MODULE MESSAGE PROCESSOR 2A -FOUNDATION PERIPHERAL CONTROLLER 4

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2AB	04-070	TN858	A	(9)
FPC	04-070	MC5D039A1	A	(14)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(9)O	GRD	003			
	(9)O	TS3TDAT	232			
	(9)O	TS2TDAT	233			
	(9)O	TS1TDAT	234			
	(9)O	TS0TDAT	235			
	(9)O	TS3DAT	332			
	(9)O	TS2DAT	333			
	(9)O	TS1DAT	334			
	(9)O	TS0DAT	335			
A+5PWR01	PWR	+5	000		1/1	
	PWR	+5	001		1/1	
	PWR	+5	100		1/1	
	PWR	+5	101		1/1	
ABACNACK	(9)I	CNTAACK1	220		1/6	
ABACNREQ	(9)O	CNTAREQ0	320		1/6	
ABADDPEA	(9)O	ADDPE0	213		1/6	
ABADD2PE	(1)OT	ADD2PE0	021		1/6	
ABAMIBER	(9)O	MIBERR1	215		1/6	
ABBCNACK	(9)I	CNTBACK1	219		1/6	
ABBCNREQ	(9)O	CNTBREQ0	319		1/6	
ABCLMIBE	(9)I	CLMIERR0	214		1/6	
ABCMDINT	(1)I	CMDINT10	120		1/5	
ABCRPARA	(9)I	CHRPAR	216		1/6	
ABCTPARA	(9)I	CHTPAR	316		1/6	
ABDATPEA	(9)O	DATAPE0	313		1/6	
ABDAT2PE	(1)OT	DAT2PE0	121		1/6	
ABEBYBYT	OT	ENBYBYT0	134		1/6	
ABELOBYT	OT	ENLOBYT0	034		1/6	
ABE2MHZX	(9)I	E2MHZX	002		1/6	
ABINVPAR	(9)I	INVRPAR	306		1/6	
ABL2MHZX	(9)I	L2MHZX	006		1/6	
ABMIBDTA	(9)O	MIBTDAT	106		1/6	
ABPBHE0	(9)OT I	PBHE0	018		1/8 1/5	
ABP1IN	(9)OT I	GRD	037		1/8,1/6 1/5	
ABP2IN	(1)O	P1IN	118		1/5	
ABRASOK1	(9)OT I	RASOK1	019		1/8 1/5	
ABRVCKEA	(9)I	RCKENAB	207		1/6	
ABRVSELA	(9)I	RCKSELA	209		1/6	
ABRVSELB	(9)I	RCKSELB	208		1/6	
ABRVTSDA	(9)I	RVTSDATA	317		1/6	
ABSELTPA	(9)I	SELTPAR1	305		1/6	
ABTLDCNA	(9)I	TLDCLKN	310		1/6	
ABTRCKEA	(9)I	TCKENAB	307		1/6	
ABTRSELA	(9)I	TCKSELA	309		1/6	
ABTRSELB	(9)I	TCKSELB	308		1/6	
ABTSCRIN	(9)O (14)I	TSORINT TVCLR1	224		1/6	
ABTSCTIN	(9)O	TSOTINT	324		1/6	
ABTS1RIN	(9)O	TS1RINT	223		1/6	
ABTS1TIN	(9)O	TS1TINT	323		1/6	
ABTS2RIN	(9)O	TS2RINT	222		1/6	
ABTS2TIN	(9)O	TS2TINT	322		1/6	
ABTS3RIN	(9)O	TS3RINT	221		1/6	
ABTS3TIN	(9)O	TS3TINT	321		1/6	
ABULDCKA	(9)I	RUNLDCKN	210		1/6	
ABXADDPH	(9)IO (14)I	XADDPH	156		1/5	
ABXADDPL	(9)IO (14)I	XADDPL	056		1/5	
ABXADDPU	(9)OT	XADDPU	255		1/8	

SYMBOL NO. 7 (CONT)

MODULE MESSAGE PROCESSOR 2A -FOUNDATION PERIPHERAL CONTROLLER 4

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2AB	04-070	TN858	A	(9)
FPC	04-070	MC5D039A1	A	(14)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I				1/5	
ABXADD00	(9)IO (14)I	XADD00 XADD00	046		1/5	
ABXADD01	(9)IO (14)I	XADD01 XADD01	146		1/5	
ABXADD02	(9)IO (14)I	XADD02 XADD02	047		1/5	
ABXADD03	(9)IO (14)I	XADD03 XADD03	147		1/5	
ABXADD04	(9)IO (14)I	XADD04 XADD04	048		1/5	
ABXADD05	(9)IO (14)I	XADD05 XADD05	148		1/5	
ABXADD06	(9)IO (14)I	XADD06 XADD06	049		1/5	
ABXADD07	(9)IO (14)I	XADD07 XADD07	149		1/5	
ABXADD08	(9)IO (14)I	XADD08 XADD08	050		1/5	
ABXADD09	(9)IO (14)I	XADD09 XADD09	150		1/5	
ABXADD10	(9)IO (14)I	XADD10 XADD10	051		1/5	
ABXADD11	(9)IO (14)I	XADD11 XADD11	151		1/5	
ABXADD12	(9)IO (14)I	XADD12 XADD12	052		1/5	
ABXADD13	(9)IO (14)I	XADD13 XADD13	152		1/5	
ABXADD14	(9)IO (14)I	XADD14 XADD14	053		1/5	
ABXADD15	(9)IO (14)I	XADD15 XADD15	153		1/5	
ABXADD16	(9)IO	XADD16	054		1/5	
ABXADD17	(9)IO	XADD17	154		1/5	
ABXADD18	(9)IO	XADD18	055		1/5	
ABXADD19	(9)IO	XADD19	155		1/5	
ABXALFGE	I	XALWPGE0	020		1/5	
ABXCLK86	(9)I	XCLK86	355		1/5	
ABXCLRES	I	XCLRESR0	133		1/5	
ABXCSWIN	I	XCSWIND0	143		1/5	
ABXC4MHZ	I	XCLK4MH2	043		1/5	
ABXDATPL	IO	DATPARL0	254		1/5	
ABXDAT00	IO	BYDATA00	246		1/5	
ABXDAT01	IO	BYDATA01	346		1/5	
ABXDAT02	IO	BYDATA02	247		1/5	
ABXDAT03	IO	BYDATA03	347		1/5	
ABXDAT04	IO	BYDATA04	248		1/5	
ABXDAT05	IO	BYDATA05	348		1/5	
ABXDAT06	IO	BYDATA06	249		1/5	
ABXDAT07	IO	BYDATA07	349		1/5	
ABXDYRWS	(9)I	XDYRWAT0	136		1/5	
ABXD86TR	(9)I	XD86T1R0	140		1/5	
ABXFUNCN	I	XFUNCEN1	122		1/5	
ABXHDACK	(9)I	XHLDACK0	139		1/5	
ABXINACK	(1)I	XINTACK0	138		1/5	
ABXINREQ	(1)OT	XINTREQ0	038		1/6	
ABXIORD0	I	XIORD0	041		1/5	
ABXIOWT0	I	XIOWT0	141		1/5	
ABXLATCH	I	XLATCH0	135		1/5	
ABXMEMIO	I	XMEMIO0	040		1/5	
ABXMEMRD	(9)OT I	XMEMRD	042		1/8 1/5	

SYMBOL NO. 7 (CONT)

MODULE MESSAGE PROCESSOR 2A -FOUNDATION PERIPHERAL CONTROLLER 4

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2AB	04-070	TN858	A	(9)
FPC	04-070	MC5D039A1	A	(14)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
ABXMEMWT	(9)OT I	XMEMWT	142		1/8 1/5	
ABXPWRRS	(1)I	XPWRRST0	022		1/5	
ABX10MIN	(1)I	X10MSINT	033		1/5	
ABX25CRA	(9)I	X25CLKR	218		1/6	
ABX25CTA	(9)I	X25CLKT	318		1/6	
ANCURPR	OT	-CURPR	012		1/2	
APCURPR	OT	+CURPR	112		1/2	
A07TVLPA	(9)I	TSTVETO	011			
A07TVLPB	(9)O	X253.5	110			
A07TVLPC	(9)I (9)O (9)I	XX253.5M ENAWTBUF ENWTBUF	010 109 009			
A07TVLPD	(9)O (9)I	BRDRD0 BDRD0	108 008			
GRD04070	(9)I	TN858SEL	314			
	GRD	GRD	023			
	GRD	GRD	024			
	GRD	GRD	032			
	GRD	GRD	044			
	GRD	GRD	045			
	GRD	GRD	123			
	GRD	GRD	124			
	GRD	GRD	132			
	GRD	GRD	144			
	GRD	GRD	145			
	GRD	GRD	200			
	GRD	GRD	201			
	GRD	GRD	211			
	GRD	GRD	212			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	256			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	311			
	GRD	GRD	312			
	GRD	GRD	344			
	GRD	GRD	345			
	GRD	GRD	356			
	(1)GRD	GRD	400			
	(1)GRD	GRD	401			
	(1)GRD	GRD	410			
	(1)GRD	GRD	411			
	(1)GRD	GRD	412			
	(1)GRD	GRD	444			
	(1)GRD	GRD	500			
	(1)GRD	GRD	501			
	(1)GRD	GRD	510			
	(1)GRD	GRD	511			
	(1)GRD	GRD	512			
	(1)GRD	GRD	544			
OACCDALR	(1)O	OACCDALR	423		TO MESSAGE INTERFACE/CLOCK UNIT	
OACTCDAL	(1)O	OACTCDAL	523		TO MESSAGE INTERFACE/CLOCK UNIT	
ODATVAL0	(1)O	ODATVAL0	417		TO MESSAGE INTERFACE/CLOCK UNIT	

SYMBOL NO. 7 (CONT)

MODULE MESSAGE PROCESSOR 2A -FOUNDATION PERIPHERAL CONTROLLER 4

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2AB	04-070	TN858	A	(9)
FPC	04-070	MC5D039A1	A	(14)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
ODATVAL1	(1)O	ODATVAL1	517		TO MESSAGE INTERFACE/CLOCK UNIT	
OLIINT10	(1)I	OLIINT10	521		TO MESSAGE INTERFACE/CLOCK UNIT	
OLIINT11	(1)I	OLIINT11	421		TO MESSAGE INTERFACE/CLOCK UNIT	
OLISEL0	(1)O	OLISEL0	415		TO MESSAGE INTERFACE/CLOCK UNIT	
OLISEL1	(1)O	OLISEL1	515		TO MESSAGE INTERFACE/CLOCK UNIT	
OMIINT10	(1)I	OMIINT10	533		TO MESSAGE INTERFACE/CLOCK UNIT	
OMIINT11	(1)I	OMIINT11	433		TO MESSAGE INTERFACE/CLOCK UNIT	
OMISEL0	(1)O	OMISEL0	535		TO MESSAGE INTERFACE/CLOCK UNIT	
OMISEL1	(1)O	OMISEL1	435		TO MESSAGE INTERFACE/CLOCK UNIT	
ONCKIT10	(1)I	ONCKIT10	520		TO MESSAGE INTERFACE/CLOCK UNIT	
ONCKIT11	(1)I	ONCKIT11	420		TO MESSAGE INTERFACE/CLOCK UNIT	
ONCKSEL0	(1)O	ONCKSEL0	414		TO MESSAGE INTERFACE/CLOCK UNIT	
ONCKSEL1	(1)O	ONCKSEL1	514		TO MESSAGE INTERFACE/CLOCK UNIT	
ORCVDAT0	(1)I	ORCVDAT0	418		TO MESSAGE INTERFACE/CLOCK UNIT	
ORCVDAT1	(1)I	ORCVDAT1	518		TO MESSAGE INTERFACE/CLOCK UNIT	
OSACDALR	(1)I	OSACDALR	422		TO MESSAGE INTERFACE/CLOCK UNIT	
OSTACDAL	(1)I	OSTACDAL	522		TO MESSAGE INTERFACE/CLOCK UNIT	
OTMSIT10	(1)I	OTMSIT10	534		TO MESSAGE INTERFACE/CLOCK UNIT	
OTMSIT11	(1)I	OTMSIT11	434		TO MESSAGE INTERFACE/CLOCK UNIT	
OTMSRDY0	(1)I	OTMSRDY0	437		TO MESSAGE INTERFACE/CLOCK	

PART OF FS 1
SYMBOL(S) 7

COPYRIGHT (C) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE D2	ISSUE 2A
AT&T BELL LABORATORIES	SD-5D066-01	B#1CG

PRINTED IN U.S.A.

PART OF FS 1

MODULE MESSAGE PROCESSORS - SIDE A

SYMBOL NO. 7 (CONT)

MODULE MESSAGE PROCESSOR 2A -FOUNDATION PERIPHERAL CONTROLLER 4

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2A8	04-070	TN858	A	(9)
FPC	04-070	MC5D039A1	A	(14)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0TMSRDY1	(1)I	0TMSRDY1	537		UNIT TO MESSAGE INTERFACE/CLOCK UNIT	
0TMSRST0	(1)O	0TMSRST0	532		TO MESSAGE INTERFACE/CLOCK UNIT	
0TMSRST1	(1)O	0TMSRST1	432		TO MESSAGE INTERFACE/CLOCK UNIT	
0TMSSEL0	(1)O	0TMSSEL0	536		TO MESSAGE INTERFACE/CLOCK UNIT	
0TMSSEL1	(1)O	0TMSSEL1	436		TO MESSAGE INTERFACE/CLOCK UNIT	
0TMSSR0	(1)I	0TMSSR0	524		TO MESSAGE INTERFACE/CLOCK UNIT	
0TMSSR1	(1)I	0TMSSR1	424		TO MESSAGE INTERFACE/CLOCK UNIT	
0TRCLK0	(1)O	0TRCLK0	416		TO MESSAGE INTERFACE/CLOCK UNIT	
0TRCLK1	(1)O	0TRCLK1	516		TO MESSAGE INTERFACE/CLOCK UNIT	
0TRMDAT0	(1)O	0TRMDAT0	419		TO MESSAGE INTERFACE/CLOCK UNIT	
0TRMDAT1	(1)O	0TRMDAT1	519		TO MESSAGE INTERFACE/CLOCK UNIT	
1ACCDALR	(1)O	1ACCDALR	455		TO MESSAGE INTERFACE/CLOCK UNIT	
1ACTCDAL	(1)O	1ACTCDAL	555		TO MESSAGE INTERFACE/CLOCK UNIT	
1DATVAL0	(1)O	1DATVAL0	449		TO MESSAGE INTERFACE/CLOCK UNIT	
1DATVAL1	(1)O	1DATVAL1	549		TO MESSAGE INTERFACE/CLOCK UNIT	
1L1INT10	(1)I	1L1INT10	553		TO MESSAGE INTERFACE/CLOCK UNIT	
1L1INT11	(1)I	1L1INT11	453		TO MESSAGE INTERFACE/CLOCK UNIT	
1L1SEL0	(1)O	1L1SEL0	447		TO MESSAGE INTERFACE/CLOCK UNIT	
1L1SEL1	(1)O	1L1SEL1	547		TO MESSAGE INTERFACE/CLOCK UNIT	
1M1INT10	(1)I	1M1INT10	539		TO MESSAGE INTERFACE/CLOCK UNIT	
1M1INT11	(1)I	1M1INT11	439		TO MESSAGE INTERFACE/CLOCK UNIT	
1M1SEL0	(1)O	1M1SEL0	541		TO MESSAGE INTERFACE/CLOCK UNIT	
1M1SEL1	(1)O	1M1SEL1	441		TO MESSAGE INTERFACE/CLOCK UNIT	
1NCK1T10	(1)I	1NCK1T10	552		TO MESSAGE INTERFACE/CLOCK UNIT	

SYMBOL NO. 7 (CONT)

MODULE MESSAGE PROCESSOR 2A -FOUNDATION PERIPHERAL CONTROLLER 4

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2A8	04-070	TN858	A	(9)
FPC	04-070	MC5D039A1	A	(14)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1NCK1T11	(1)I	1NCK1T11	452		TO MESSAGE INTERFACE/CLOCK UNIT	
1NCKSEL0	(1)O	1NCKSEL0	446		TO MESSAGE INTERFACE/CLOCK UNIT	
1NCKSEL1	(1)O	1NCKSEL1	546		TO MESSAGE INTERFACE/CLOCK UNIT	
1RCVDAT0	(1)I	1RCVDAT0	450		TO MESSAGE INTERFACE/CLOCK UNIT	
1RCVDAT1	(1)I	1RCVDAT1	550		TO MESSAGE INTERFACE/CLOCK UNIT	
1SACDALR	(1)I	1SACDALR	454		TO MESSAGE INTERFACE/CLOCK UNIT	
1STACDAL	(1)I	1STACDAL	554		TO MESSAGE INTERFACE/CLOCK UNIT	
1TMSIT10	(1)I	1TMSIT10	540		TO MESSAGE INTERFACE/CLOCK UNIT	
1TMSIT11	(1)I	1TMSIT11	440		TO MESSAGE INTERFACE/CLOCK UNIT	
1TMSRDY0	(1)I	1TMSRDY0	443		TO MESSAGE INTERFACE/CLOCK UNIT	
1TMSRDY1	(1)I	1TMSRDY1	543		TO MESSAGE INTERFACE/CLOCK UNIT	
1TMSRST0	(1)O	1TMSRST0	538		TO MESSAGE INTERFACE/CLOCK UNIT	
1TMSRST1	(1)O	1TMSRST1	438		TO MESSAGE INTERFACE/CLOCK UNIT	
1TMSSEL0	(1)O	1TMSSEL0	542		TO MESSAGE INTERFACE/CLOCK UNIT	
1TMSSEL1	(1)O	1TMSSEL1	442		TO MESSAGE INTERFACE/CLOCK UNIT	
1TMSSR0	(1)I	1TMSSR0	556		TO MESSAGE INTERFACE/CLOCK UNIT	
1TMSSR1	(1)I	1TMSSR1	456		TO MESSAGE INTERFACE/CLOCK UNIT	
1TRCLK0	(1)O	1TRCLK0	448		TO MESSAGE INTERFACE/CLOCK UNIT	
1TRCLK1	(1)O	1TRCLK1	548		TO MESSAGE INTERFACE/CLOCK UNIT	
1TRMDAT0	(1)O	1TRMDAT0	451		TO MESSAGE INTERFACE/CLOCK UNIT	
1TRMDAT1	(1)O	1TRMDAT1	551		TO MESSAGE INTERFACE/CLOCK UNIT	

SYMBOL NO. 8

MODULE MESSAGE PROCESSOR 2B

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2B8	04-078	TN858	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	TS3TDAT	232			
	O	TS2TDAT	233			
	O	TS1TDAT	234			
	O	TS0TDAT	235			
	O	TS3DAT	332			
	O	TS2DAT	333			
	O	TS1DAT	334			
	O	TS0DAT	335			
	I	TN858SEL	314			
A+5PWR01	PWR	+5	000		1/1	
	PWR	+5	001		1/1	
	PWR	+5	100		1/1	
	PWR	+5	101		1/1	
ABADDPEB	O	ADDPE0	213		1/6	
ABBMIBER	O	MIBERR1	215		1/6	
ABCCNACK	I	CNTAACK1	220		1/6	
ABCCNREQ	O	CNTAREQ0	320		1/6	
ABCLMIBE	I	CLMIERR0	214		1/6	
ABCPPARB	I	CHPPAR	216		1/6	
ABCTPARB	I	CHTPAR	316		1/6	
ABDATPEB	O	DATAPE0	313		1/6	
ABDCNACK	I	CNTBACK1	219		1/6	
ABDCNREQ	O	CNTBREQ0	319		1/6	
ABEBYBYT	OT	ENBYBYT0	134		1/6	
ABELOBYT	OT	ENLOBYT0	034		1/6	
ABE2MHZX	I	E2MHZX	002		1/6	
ABINVPAR	I	INVPAR	306		1/6	
ABL2MHZX	I	L2MHZX	006		1/6	
ABMITDTB	O	MIBTDAT	106		1/6	
ABMP2BEQ	O	GRD	003		1/6	
ABPBHE0	OT	PBHE0	018		1/7	
ABP1IN	OT	GRD	037		1/7	
ABRASDK1	OT	RASDK1	019		1/7	
ABRVCKEB	I	RCKENAB	207		1/6	
ABRVSELA	I	RCKSELA	209		1/6	
ABRVSELB	I	RCKSELB	208		1/6	
ABRVTSDA	I	RVTSDATA	317		1/6	
ABSELTPA	I	SELTPAR1	305		1/6	
ABTLDCNB	I	TLDCLKN	310		1/6	
ABTRCKEB	I	TCKENAB	307		1/6	
ABTRSELA	I	TCKSELA	309		1/6	
ABTRSELB	I	TCKSELB	308		1/6	
ABTS4RIN	O	TS0RINT	224		1/6	
ABTS4TIN	O	TS0TINT	324		1/6	
ABTS5RIN	O	TS1RINT	223		1/6	
ABTS5TIN	O	TS1TINT	323		1/6	
ABTS6RIN	O	TS2RINT	222		1/6	
ABTS6TIN	O	TS2TINT	322		1/6	
ABTS7RIN	O	TS3RINT	221		1/6	
ABTS7TIN	O	TS3TINT	321		1/6	
ABULDCKB	I	RUNLOCKN	210		1/6	
ABXADDPH	IO	XADDPH	156		1/5	
ABXADDPL	IO	XADDPL	056		1/5	
ABXADDPU	OT	XADDPU	255		1/7	
ABXADD00	IO	XADD00	046		1/5	
ABXADD01	IO	XADD01	146		1/5	
ABXADD02	IO	XADD02	047		1/5	
ABXADD03	IO	XADD03	147		1/5	
ABXADD04	IO	XADD04	048		1/5	
ABXADD05	IO	XADD05	148		1/5	

SYMBOL NO. 8 (CONT)

MODULE MESSAGE PROCESSOR 2B

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2B8	04-078	TN858	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
ABXADD06	IO	XADD06	049		1/5	
ABXADD07	IO	XADD07	149		1/5	
ABXADD08	IO	XADD08	050		1/5	
ABXADD09	IO	XADD09	150		1/5	
ABXADD10	IO	XADD10	051		1/5	
ABXADD11	IO	XADD11	151		1/5	
ABXADD12	IO	XADD12	052		1/5	
ABXADD13	IO	XADD13	152		1/5	
ABXADD14	IO	XADD14	053		1/5	
ABXADD15	IO	XADD15	153		1/5	
ABXADD16	IO	XADD16	054		1/5	
ABXADD17	IO	XADD17	154		1/5	
ABXADD18	IO	XADD18	055		1/5	
ABXADD19	IO	XADD19	155		1/5	
ABXALPGE	I	XALWPGE0	020		1/5	
ABXCLK86	I	XCLK86	355		1/5	
ABXCLRES	I	XCLRESR0	133		1/5	
ABXCSWIN	I	XCSWIND0	143		1/5	
ABXC4MHZ	I	XCLK4MHZ	043		1/5	
ABXDATPL	IO	DATPARL0	254		1/5	
ABXDAT00	IO	BYDATA00	246		1/5	
ABXDAT01	IO	BYDATA01	346		1/5	
ABXDAT02	IO	BYDATA02	247		1/5	
ABXDAT03	IO	BYDATA03	347		1/5	
ABXDAT04	IO	BYDATA04	248		1/5	
ABXDAT05	IO	BYDATA05	348		1/5	
ABXDAT06	IO	BYDATA06	249		1/5	
ABXDAT07	IO	BYDATA07	349		1/5	
ABXDYRWS	I	XDYRWAT0	136		1/5	
ABXD86TR	I	XD86T1R0	140		1/5	
ABXFUNCN	I	XFUNCEN1	122		1/5	
ABXHDACK	I	XHLDACK0	139		1/5	
ABX1ORD0	I	X1ORD0	041		1/5	
ABXIOWT0	I	XIOWT0	141		1/5	
ABXLATCH	I	XLATCH0	135		1/5	
ABXMEMI0	I	XMEM1I00	040		1/5	
ABXMEMRD	OT	XMEMRD	042		1/7	
ABXMEMWT	OT	XMEMWT	142		1/7	
ABX25CRB	I	X25CLKR	218		1/6	
ABX25CTB	I	X25CLKT	318		1/6	
ANCURPR	OT	-CURPR	012		1/2	
APCURPR	OT	+CURPR	112		1/2	
A08TVLPA	I	TSTVET0	011			
A08TVLPB	O	X253.5	110			
	I	XX253.5M	010			
A08TVLPC	O	ENAWTBUF	109			
	I	ENWTBUF	009			
A08TVLPD	O	BRDRD0	108			
	I	BCRD0	008			
GRD04078	GRD	GPD	023			

PART OF FS 1
SYMBOL(S) 7 8

COPYRIGHT (c) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE C2 | ISSUE 2A

AT&T BELL LABORATORIES | SD-5D066-01 | B#1CH

PRINTED IN U.S.A.

SYMBOL NO. 8 (CONT)

MODULE MESSAGE PROCESSOR 2B

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2B8	04-078	TN858	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	024			
	GRD	GRD	032			
	GRD	GRD	044			
	GRD	GRD	045			
	GRD	GRD	123			
	GRD	GRD	124			
	GRD	GRD	132			
	GRD	GRD	144			
	GRD	GRD	145			
	GRD	GRD	200			
	GRD	GRD	201			
	GRD	GRD	211			
	GRD	GRD	212			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	256			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	311			
	GRD	GRD	312			
	GRD	GRD	344			
	GRD	GRD	345			
	GRD	GRD	356			

PART OF FS 1
SYMBOL(S) 8

COPYRIGHT (c) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

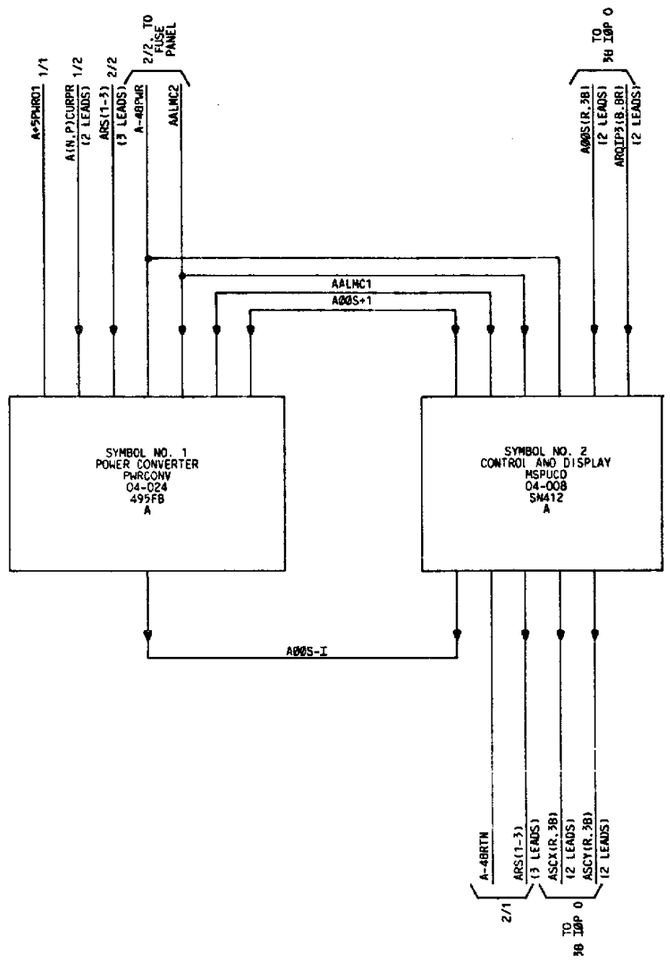
DWG SIZE C2 | ISSUE 2A

AT&T BELL LABORATORIES | SD-5D066-01 | B#1CJ

PRINTED IN U.S.A.

PART OF FS 2

CONTROL AND DISPLAY - SIDE A
(P/O INTERCONNECTION & FLOW DIAGRAM)



SEE PROPRIETARY NOTICE ON COVER SHEET

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE: 08	ISSUE: 1
AT&T BELL LABORATORIES	SD-5D066-01	B#2AA

PART OF FS 2

CONTROL AND DISPLAY - SIDE A

SYMBOL NO. 1

POWER CONVERTER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRCONV	04-024	495FB	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	INT	012			
	O	INT	112			
	I	RS4	010			
	I	RSRV	116			
	I	RSRV	120			
	I	RSRV	121			
A+5PWR01	PWR	SC(+)	019		1/1	
	PWR	VOUT1(+)	043		1/1	
	PWR	VOUT1(+)	046		1/1	
	PWR	VOUT1(+)	047		1/1	
	PWR	VOUT1(+)	048		1/1	
	PWR	VOUT1(+)	049		1/1	
	PWR	VOUT1(+)	050		1/1	
	PWR	VOUT1(+)	051		1/1	
	PWR	VOUT1(+)	052		1/1	
	PWR	VOUT1(+)	053		1/1	
	PWR	VOUT1(+)	054		1/1	
	PWR	VOUT1(+)	055		1/1	
	PWR	VOUT1(+)	056		1/1	
	PWR	VOUT1(+)	145		1/1	
	PWR	VOUT1(+)	146		1/1	
	PWR	VOUT1(+)	147		1/1	
	PWR	VOUT1(+)	148		1/1	
	PWR	VOUT1(+)	149		1/1	
	PWR	VOUT1(+)	150		1/1	
	PWR	VOUT1(+)	151		1/1	
	PWR	VOUT1(+)	152		1/1	
	PWR	VOUT1(+)	153		1/1	
	PWR	VOUT1(+)	154		1/1	
	PWR	VOUT1(+)	155		1/1	
	PWR	VOUT1(+)	156		1/1	
	PWR	VOUT1(+)	245		1/1	
	PWR	VOUT1(+)	246		1/1	
	PWR	VOUT1(+)	247		1/1	
	PWR	VOUT1(+)	248		1/1	
	PWR	VOUT1(+)	249		1/1	
	PWR	VOUT1(+)	250		1/1	
	PWR	VOUT1(+)	251		1/1	
	PWR	VOUT1(+)	252		1/1	
	PWR	VOUT1(+)	253		1/1	
	PWR	VOUT1(+)	254		1/1	
	PWR	VOUT1(+)	255		1/1	
	PWR	VOUT1(+)	256		1/1	
	PWR	VOUT1(+)	345		1/1	
	PWR	VOUT1(+)	346		1/1	
	PWR	VOUT1(+)	347		1/1	
	PWR	VOUT1(+)	348		1/1	
	PWR	VOUT1(+)	349		1/1	
	PWR	VOUT1(+)	350		1/1	
	PWR	VOUT1(+)	351		1/1	
	PWR	VOUT1(+)	352		1/1	
	PWR	VOUT1(+)	353		1/1	
	PWR	VOUT1(+)	354		1/1	
	PWR	VOUT1(+)	355		1/1	
	PWR	VOUT1(+)	356		1/1	
A-48PWR	PWR	VIN(-)	006		2/1	
	PWR	VIN(-)	007		2/1	
	PWR	VIN(-)	008		2/1 TO FUSE PANEL	
	PWR	VIN(-)	106		2/1	
	PWR	VIN(-)	107		2/1	

SYMBOL NO. 1 (CONT)

POWER CONVERTER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRCONV	04-024	495FB	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PWR	VIN(-)	108		2/1	
	PWR	VIN(-)	206		2/1	
	PWR	VIN(-)	207		2/1	
	PWR	VIN(-)	208		2/2	
	PWR	VIN(-)	306		2/1	
	PWR	VIN(-)	307		2/1	
	PWR	VIN(-)	308		2/1	
A-48RTN	GRD	VIN(+)	003		2/1	
	GRD	VIN(+)	004		2/1	
	GRD	VIN(+)	005		2/2 TO FUSE PANEL	
	GRD	VIN(+)	102		2/1	
	GRD	VIN(+)	103		2/1	
	GRD	VIN(+)	104		2/1	
	GRD	VIN(+)	203		2/1	
	GRD	VIN(+)	204		2/1	
	GRD	VIN(+)	205		2/1	
	GRD	VIN(+)	302		2/1	
	GRD	VIN(+)	303		2/1	
	GRD	VIN(+)	304		2/1	
AALMC1	I	ALM1	113		2/2	
AALMC2	I	ALM2	014		2/2 TO FUSE PANEL	
ANCURPR	I	CP(+)	017		1/2	
AOOS+I	I	OOS(+)	015		2/2	
AOOS-I	OT	OOS(-)	115		2/2	
APCURPR	I	CP(-)	117		1/2	
ARS1	I	RS1	011		2/2	
ARS2	I	RS2	110		2/2	
ARS3	I	RS3	109		2/2	
ARVS	O	SB(+)	118			
	I	SA(+)	018			
GRD04024	GRD	FRGRD	000			
	GRD	FRGRD	001			
	GRD	VOUT1(-)	032			
	GRD	VOUT1(-)	033			
	GRD	VOUT1(-)	034			
	GRD	VOUT1(-)	035			
	GRD	VOUT1(-)	036			
	GRD	VOUT1(-)	037			
	GRD	VOUT1(-)	038			
	GRD	VOUT1(-)	039			
	GRD	VOUT1(-)	040			
	GRD	VOUT1(-)	041			
	GRD	VOUT1(-)	042			
	GRD	VOUT1(-)	043			
	GRD	FRGRD	100			
	GRD	FRGRD	101			
	GRD	S(-)	119			
	GRD	VOUT1(-)	132			
	GRD	VOUT1(-)	133			
	GRD	VOUT1(-)	134			
	GRD	VOUT1(-)	135			
	GRD	VOUT1(-)	136			
	GRD	VOUT1(-)	137			
	GRD	VOUT1(-)	138			
	GRD	VOUT1(-)	139			
	GRD	VOUT1(-)	140			
	GRD	VOUT1(-)	141			

SYMBOL NO. 1 (CONT)

POWER CONVERTER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRCONV	04-024	495FB	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	VOUT1(-)	142			
	GRD	VOUT1(-)	143			
	GRD	FRGRD	200			
	GRD	FRGRD	201			
	GRD	VOUT1(-)	232			
	GRD	VOUT1(-)	233			
	GRD	VOUT1(-)	234			
	GRD	VOUT1(-)	235			
	GRD	VOUT1(-)	236			
	GRD	VOUT1(-)	237			
	GRD	VOUT1(-)	238			
	GRD	VOUT1(-)	239			
	GRD	VOUT1(-)	240			
	GRD	VOUT1(-)	241			
	GRD	VOUT1(-)	242			
	GRD	VOUT1(-)	243			
	GRD	FRGRD	300			
	GRD	FRGRD	301			
	GRD	VOUT1(-)	332			
	GRD	VOUT1(-)	333			
	GRD	VOUT1(-)	334			
	GRD	VOUT1(-)	335			
	GRD	VOUT1(-)	336			
	GRD	VOUT1(-)	337			
	GRD	VOUT1(-)	338			
	GRD	VOUT1(-)	339			
	GRD	VOUT1(-)	340			
	GRD	VOUT1(-)	341			
	GRD	VOUT1(-)	342			
	GRD	VOUT1(-)	343			

SYMBOL NO. 2

CONTROL AND DISPLAY

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPUCD	04-008	SN412	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	SCZ1	014			
	O	SCZ0	015			
	O	SCZR	016			
	O	SCX1	017			
	O	SCX0	018			
	O	SCXR	019			
	O	TSTB	046			
	O	TST1N	049			
	O	SCZR	055			
	O	SCY1	118			
	O	SCY0	119			
	O	SCYR	120			
	O	TSTA	146			
	O	SCY3B	155			
	I	OOS0	010			

SYMBOL NO. 2 (CONT)

CONTROL AND DISPLAY

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPUCD	04-008	SN412	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	OOS1	011			
	I	RQIP1	021			
	I	RQIP0	022			
	I	FAS	045			
	I	OOSR	112			
	I	INH	114			
	I	FAS	121			
	I	ZRTN	149			
A-48PWR	PWR	-48	006		2/1	
	PWR	-48	007		2/1	
	PWR	-48	008		2/1	
	PWR	-48	106		2/1	
	PWR	-48	107		2/1	
	PWR	-48	108		2/1	
A-48RTN	GRD	-48RTN	003		2/1	
	GRD	-48RTN	004		2/1	
	GRD	-48RTN	102		2/1	
	GRD	-48RTN	103		2/1	
	GRD	-48RTN	104		2/1	
AALMC1	O	CARD	123		2/1	
	I	PINT	048		2/2	
AALMC2	I	AD	117		2/1	
AOOS+1	I	OOSCONV	111		2/1	
AOOS-I	OT	OOS48P	109		2/1	
AOOSR	I	OOSR	051		TO 3B10P0	
AOOS3B	I	OOS3B	151		TO 3B10P0	
ARQIP3B	I	RQIP3B	152		TO 3B10P0	
ARQIP3BR	I	RQIP3BR	052		TO 3B10P0	
ARS1	O	S1	124		2/1	
ARS2	O	S2	122		2/1	
ARS3	O	S3	009		2/1	
ASCXR	O	SCXR	054		TO 3B10P0	
ASCX3B	O	SCX3B	154		TO 3B10P0	
ASCYR	O	SCYR	053		TO 3B10P0	
ASCY3B	O	SCY3B	153		TO 3B10P0	

PART OF FS 2

SYMBOL(S) 1 2

COPYRIGHT (c) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

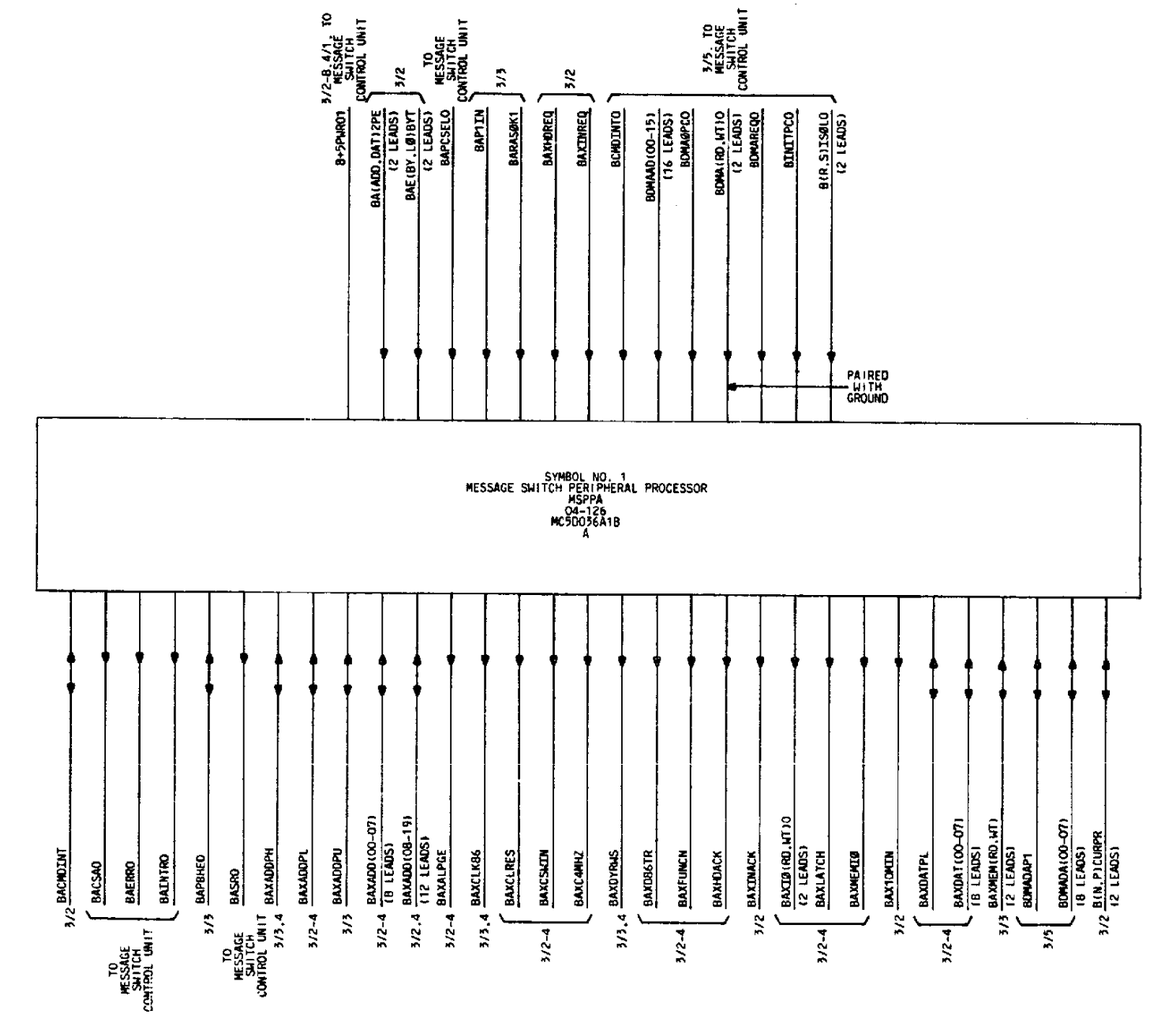
DWG SIZE	ISSUE
D2	ZA

AT&T BELL LABORATORIES | SD-5D066-01 | B#2CA

PRINTED IN U.S.A.

PART OF FS 3

MODULE MESSAGE PROCESSORS - SIDE B
(P/O INTERCONNECTION & FLOW DIAGRAM)

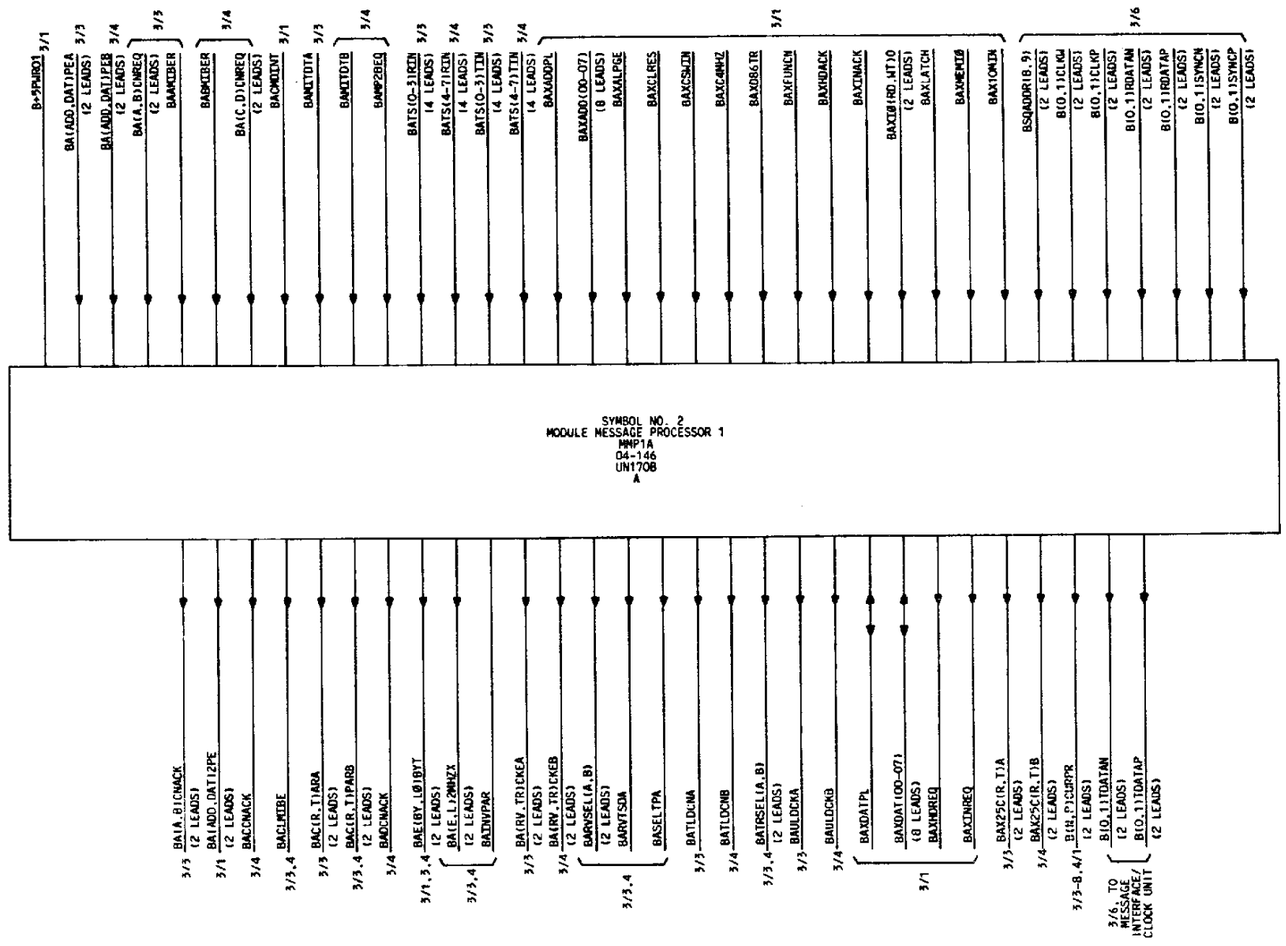


SEE PROPRIETARY NOTICE ON COVER SHEET

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE B8	ISSUE —
AT&T BELL LABORATORIES	SD-5D066-01	B#3AA

PART OF FS 3

MODULE MESSAGE PROCESSORS - SIDE B
(P/O INTERCONNECTION & FLOW DIAGRAM)

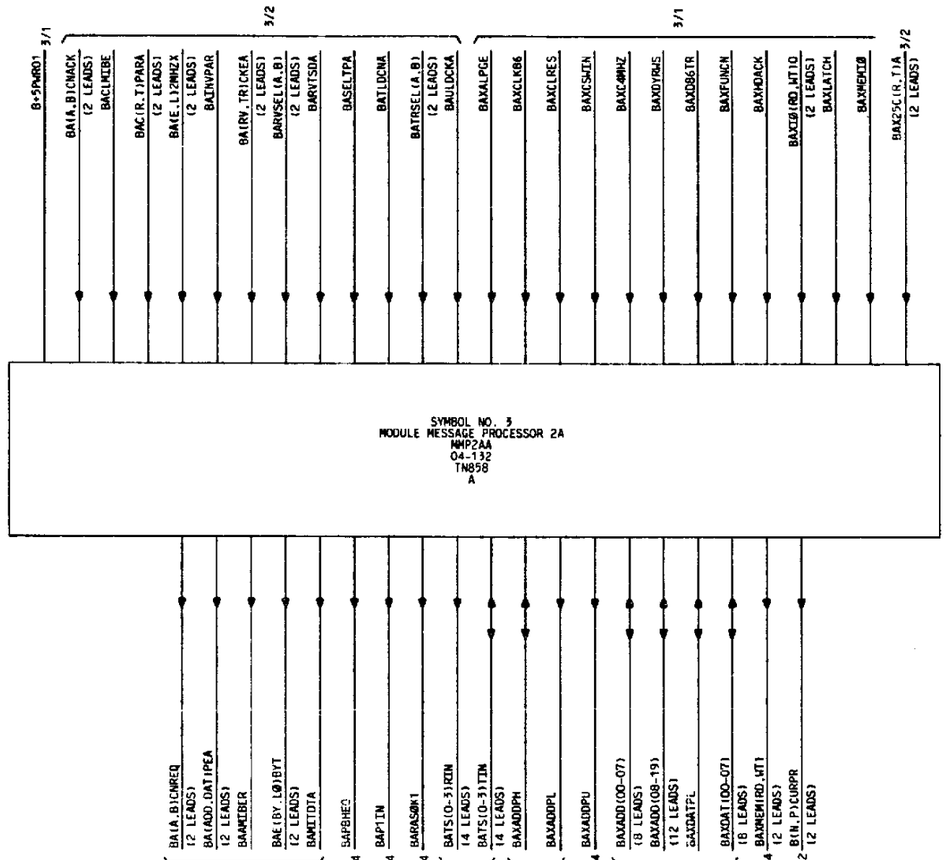


SEE PROPRIETARY NOTICE ON COVER SHEET

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE: 68	ISSUE: /
AT&T BELL LABORATORIES	SD-5D066-01	B#3AB

PART OF FS 3

MODULE MESSAGE PROCESSOR5 - SIDE B
(P/O INTERCONNECTION & FLOW DIAGRAM)

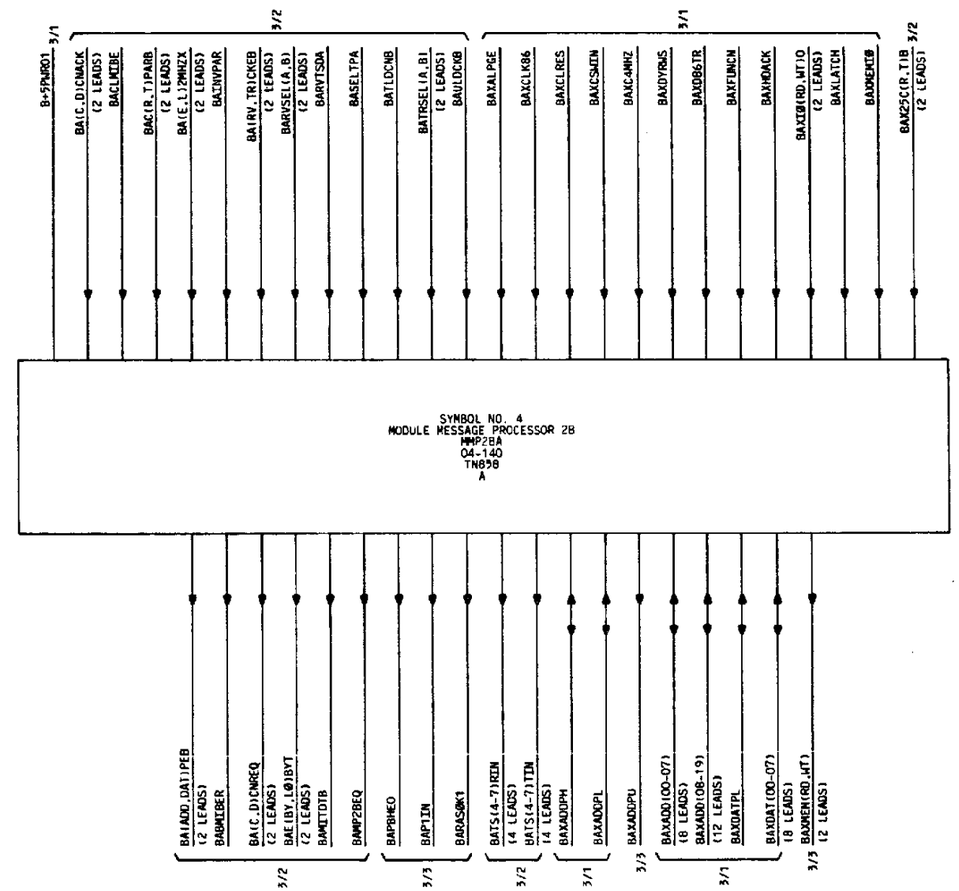


SEE PROPRIETARY NOTICE ON COVER SHEET

MESSAGE SWITCH PERIPHERAL UNIT. MODEL 2	DWG SIZE B3	ISSUE —
AT&T BELL LABORATORIES	SD-5D066-01	B#3AC

PART OF FS 3

MODULE MESSAGE PROCESSORS - SIDE B
(P/O INTERCONNECTION & FLOW DIAGRAM)

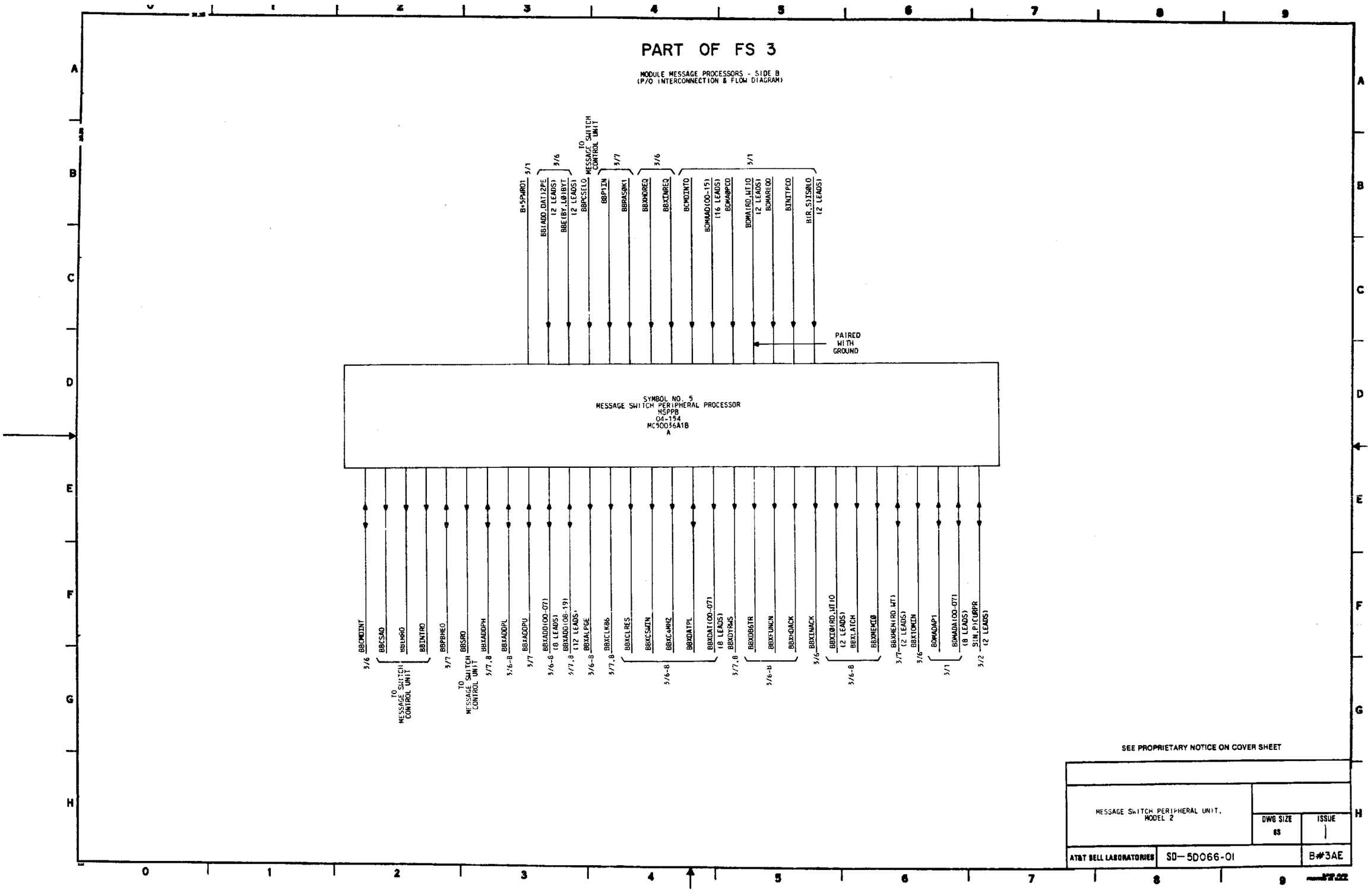


SEE PROPRIETARY NOTICE ON COVER SHEET

MESSAGE SWITCH PERIPHERAL UNIT. MODEL 2	DWG SIZE B3	ISSUE 1
AT&T BELL LABORATORIES	SD-5D066-01	B#3AD

PART OF FS 3

MODULE MESSAGE PROCESSORS - SIDE B
(P/O INTERCONNECTION & FLOW DIAGRAM)

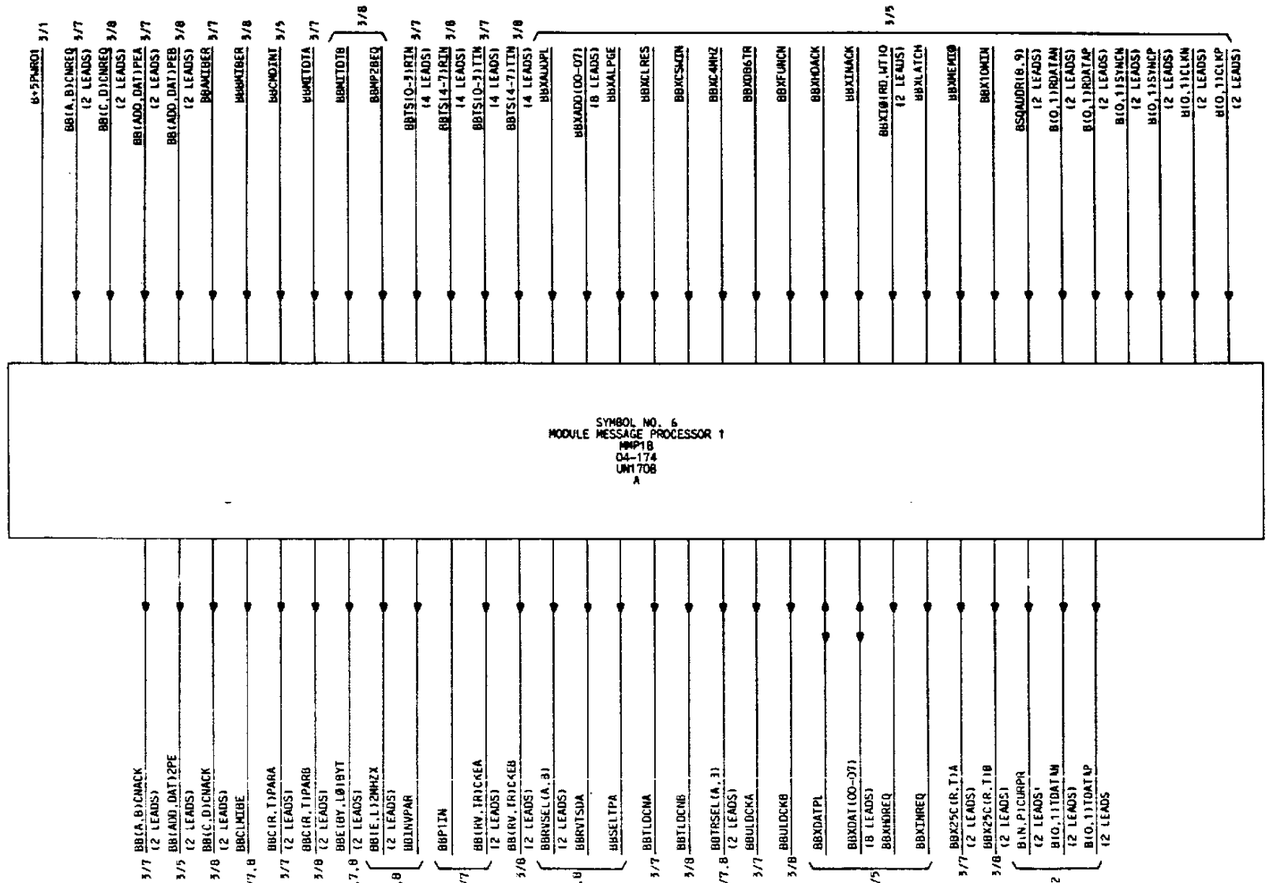


SEE PROPRIETARY NOTICE ON COVER SHEET

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE 6S	ISSUE 1
AT&T BELL LABORATORIES	SD-5D066-01	B#3AE

PART OF FS 3

MODULE MESSAGE PROCESSORS - SIDE B
(P/O INTERCONNECTION & FLOW DIAGRAM)

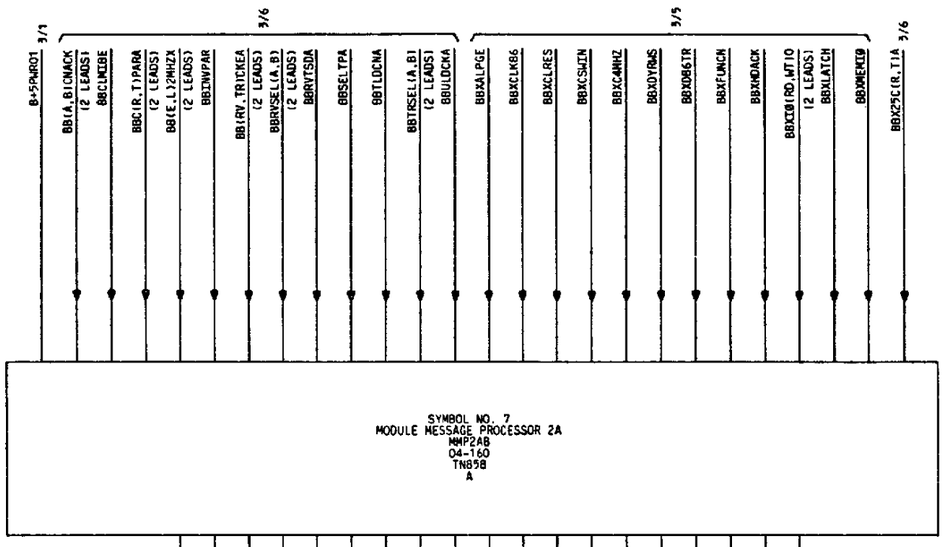


SEE PROPRIETARY NOTICE ON COVER SHEET

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2		DWG SIZE: B2	ISSUE: —
AT&T BELL LABORATORIES	SD-50066-01		B#3AF

PART OF FS 3

MODULE MESSAGE PROCESSORS - SIDE B
(P/O INTERCONNECTION & FLOW DIAGRAM)

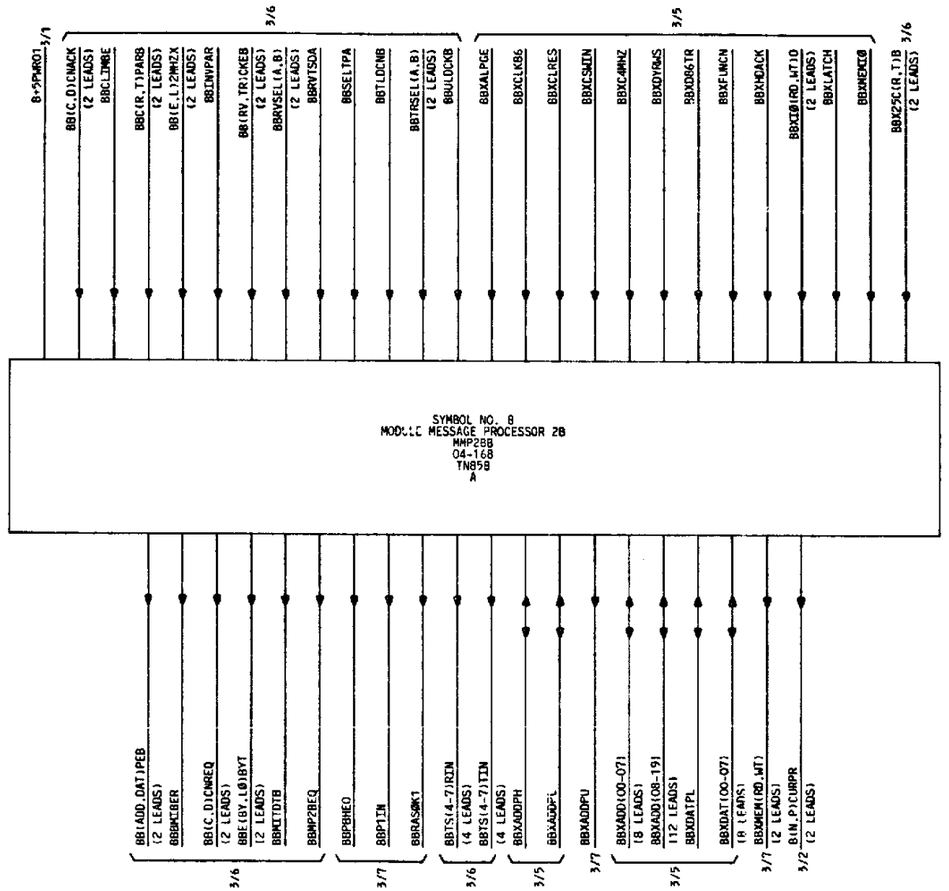


SEE PROPRIETARY NOTICE ON COVER SHEET

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE: 85	ISSUE: 1
AT&T BELL LABORATORIES	SD-5D066-01	B#3AG

PART OF FS 3

MODULE MESSAGE PROCESSORS - SIDE B
(P/O INTERCONNECTION & FLOW DIAGRAM)

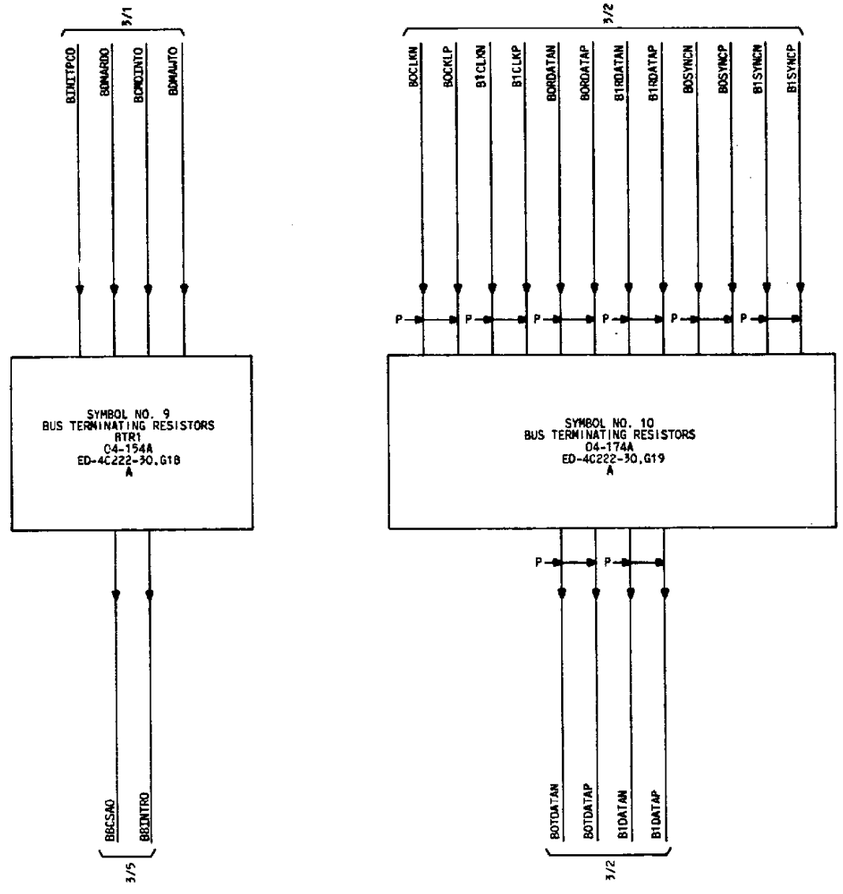


SEE PROPRIETARY NOTICE ON COVER SHEET

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE: 6S	ISSUE: 1
AT&T BELL LABORATORIES	SD-50066-01	B#3AH

PART OF FS 3

MODULE MESSAGE PROCESSORS - SIDE B
(P/O INTERCONNECTION & FLOW DIAGRAM)



Copyright © 1986 AT&T
All Rights Reserved

MESSAGE SWITCH PERIPHERAL UNIT. MODEL 2	DWG SIZE 65	ISSUE 2A
AT&T BELL LABORATORIES	SD-5D066-01	B##3AJ

PART OF FS 3

MODULE MESSAGE PROCESSORS - SIDE B

SYMBOL NO. 1

MESSAGE SWITCH PERIPHERAL PROCESSOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPPA	04-126	MC5D036A1B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	PWR	+5	210			
	PWR	+5	310			
	O	DATAPLI	220			
	O		232			
	O		233			
	O		234			
	O		235			
	O		236			
	O		237			
	O		238			
	O	DATAPHI	321			
	O		332			
	O		333			
	O		335			
	O		336			
	O		337			
	O		338			
	O	MONDBCSO	341			
	I	P3IN	218			
	I	EPMBDIR	221			
	I	UACEOPO	241			
	I	UACINTO	242			
	I	INHRTCTO	243			
	I		313			
	I		317			
	I	XDLYDIRO	318			
	I	PICINITO	342			
	I	CLRISOLO	343			
B*5PWR01	PWR	+5	000		3/1	
	PWR	+5	001		3/1 TO MESSAGE SWITCH CONTROL UNIT	
	PWR	+5	101		3/1	
	I	VPP	323		3/1	
	PWR	+5	100		3/2,3/3 3/4,3/5 3/6,3/7 3/8,4/1 3/5	
RAADD2PE	I	ADD2PEO	021		3/2	
RACMDINT	IO	CMDINT10	120		3/2 TO MESSAGE SWITCH CONTROL UNIT	
RACSAO	O	CSAO	202			
RADAT2PE	I	DAT2PEO	121		3/2	
RAFRYRYT	I	FNRYRYTO	134		3/2	
RAFHIBYT	I	FNHIBYTO	035			
RAFLOBYT	I	FNLOBYTO	034		3/2 TO MESSAGE SWITCH CONTROL UNIT	
RAERRO	O	ERRO	102			
RAINTRO	O	INTRO	302		TO MESSAGE SWITCH CONTROL UNIT	
RAPBHEO	IO	PBHEO	018		3/3	
RAPCSELO	I	PCSELO	305		TO MESSAGE SWITCH CONTROL UNIT	
RAPUMPCS	O	PUMPCSO	119			
RAP1IN	I	P1IN	037		3/3	
RAP2IN	I	P2IN	118			
RARASOK1	I	RASOK1	019		3/3	

SYMBOL NO. 1 (CONT)

MESSAGE SWITCH PERIPHERAL PROCESSOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPPA	04-126	MC5D036A1B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
BASRO	O	SRO	002		TO MESSAGE SWITCH CONTROL UNIT	
BAXADDPH	IO	XADDPH	156		3/3,3/4	
BAXADDPL	IO	XADDPL	056		3/3,3/4 3/2	
BAXADDPU	IO	XADDPU	255		3/3	
BAXADD00	IO	XADD00	046		3/3,3/4 3/2	
BAXADD01	IO	XADD01	146		3/3,3/4 3/2	
BAXADD02	IO	XADD02	047		3/3,3/4 3/2	
BAXADD03	IO	XADD03	147		3/3,3/4 3/2	
BAXADD04	IO	XADD04	048		3/3,3/4 3/2	
BAXADD05	IO	XADD05	148		3/3,3/4 3/2	
BAXADD06	IO	XADD06	049		3/3,3/4 3/2	
BAXADD07	IO	XADD07	149		3/3,3/4 3/2	
BAXADD08	IO	XADD08	050		3/3,3/4	
BAXADD09	IO	XADD09	150		3/3,3/4	
BAXADD10	IO	XADD10	051		3/3,3/4	
BAXADD11	IO	XADD11	151		3/3,3/4	
BAXADD12	IO	XADD12	052		3/3,3/4	
BAXADD13	IO	XADD13	152		3/3,3/4	
BAXADD14	IO	XADD14	053		3/3,3/4	
BAXADD15	IO	XADD15	153		3/3,3/4	
BAXADD16	IO	XADD16	054		3/3,3/4	
BAXADD17	IO	XADD17	154		3/3,3/4	
BAXADD18	IO	XADD18	055		3/3,3/4	
BAXADD19	IO	XADD19	155		3/3,3/4	
BAXALPGE	O	XALWPGE0	020		3/2,3/3 3/4	
BAXCLK86	O	XCLK86	355		3/3,3/4	
BAXCLRES	O	XCLRESRO	133		3/2,3/3 3/4	
BAXCNTWS	I	CONTWSO	036		3/2,3/3	
BAXCSWIN	O	XCSWINDO	143		3/4	
BAXC4MH2	O	XCLK4MHZ	043		3/2,3/3 3/4	
BAXDATPH	IO	DATPARH1	354		3/2,3/3	
BAXDATPL	IO	DATPARLO	254		3/4	
BAXDAT00	IO	BYDATA00	246		3/2,3/3 3/4	
BAXDAT01	IO	BYDATA01	346		3/2,3/3 3/4	
BAXDAT02	IO	BYDATA02	247		3/2,3/3 3/4	
BAXDAT03	IO	BYDATA03	347		3/2,3/3 3/4	
BAXDAT04	IO	BYDATA04	248		3/2,3/3 3/4	
BAXDAT05	IO	BYDATA05	348		3/2,3/3 3/4	
BAXDAT06	IO	BYDATA06	249		3/2,3/3 3/4	
BAXDAT07	IO	BYDATA07	349		3/2,3/3 3/4	
BAXDAT08	IO	WDDATA08	250			
BAXDAT09	IO	WDDATA09	350			

SYMBOL NO. 1 (CONT)

MESSAGE SWITCH PERIPHERAL PROCESSOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPPA	04-126	MC5D036A1B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
BAXDAT10	IO	WDDATA10	251			
BAXDAT11	IO	WDDATA11	351			
BAXDAT12	IO	WDDATA12	252			
BAXDAT13	IO	WDDATA13	352			
BAXDAT14	IO	WDDATA14	253			
BAXDAT15	IO	WDDATA15	353			
BAXDIRRW	O	XDIRLRHW	137			
BAXDYPWS	O	XDYRWAT0	136		3/3,3/4	
BAXD86TR	O	XD86T1R0	140		3/2,3/3 3/4	
BAXFUNCN	O	XFUNCEN1	122		3/2,3/3 3/4	
BAXHDACK	C	XHLDACK0	139		3/2,3/3 3/4	
BAXHDREQ	I	XHLDREQ0	039		3/2	
BAXINACK	O	XINTACK0	138		3/2	
BAXINREQ	I	XINTREQ0	038		3/2	
BAXIORDO	O	XIORDO	041		3/2,3/3 3/4	
BAXIOWTO	O	XIOWTO	141		3/2,3/3 3/4	
BAXLATCH	O	XLATCH0	135		3/2,3/3 3/4	
BAXMEMIO	O	XMEMIIO0	040		3/2,3/3 3/4	
BAXMEMRD	IO	XMEMRD	042		3/3	
BAXMEMWT	IO	XMEMWT	142		3/3	
BAXPWRRS	O	XPWRRST0	022			
BAX10MIN	O	X10MSINT	033		3/2	
BCMDINTO	I	CMDINTO	303		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMAAD00	I	DMAAD001	009		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMAAD01	I	DMAAD011	109		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMAAD02	I	DMAAD021	010		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMAAD03	I	DMAAD031	110		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMAAD04	I	DMAAD041	011		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMAAD05	I	DMAAD051	111		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMAAD06	I	DMAAD061	013		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMAAD07	I	DMAAD071	113		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMAAD08	I	DMAAD081	014		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMAAD09	I	DMAAD091	114		3/5 TO MESSAGE SWITCH CONTROL	

SYMBOL NO. 1 (CONT)

MESSAGE SWITCH PERIPHERAL PROCESSOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPPA	04-126	MC5D036A1B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
BDMAAD10	I	DMAAD101	015		UNIT 3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMAAD11	I	DMAAD111	115		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMAAD12	I	DMAAD121	016		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMAAD13	I	DMAAD131	116		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMAAD14	I	DMAAD141	017		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMAAD15	I	DMAAD151	117		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMADAP1	IO	DMADAP1	205		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMADA00	IO	DMADA001	005		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMADA01	IO	DMADA011	105		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMADA02	IO	DMADA021	006		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMADA03	IO	DMADA031	106		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMADA04	IO	DMADA041	007		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMADA05	IO	DMADA051	107		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMADA06	IO	DMADA061	008		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMADA07	IO	DMADA071	108		3/5 TO MESSAGE SWITCH CONTROL UNIT	

PART OF FS 3

SYMBOL(S) 1

COPYRIGHT (c) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE C2 | ISSUE 2A

AT&T BELL LABORATORIES | SD-5D066-01 | B#3CA

PRINTED IN U.S.A.

PART OF FS 3

MODULE MESSAGE PROCESSORS - SIDE B

SYMBOL NO. 1 (CONT)

MESSAGE SWITCH PERIPHERAL PROCESSOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPPA	04-126	MC5D036A1B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
BDMAOPC0	I	DMAOPC0	104		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMARD0	I	DMARD0	204		3/5 TO MESSAGE SWITCH CONTROL UNIT	P/GRD04126
BDMAREQ0	I	DMAREQ0	004		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BDMAWT0	I	DMAWT0	304		3/5 TO MESSAGE SWITCH CONTROL UNIT	P/GRD04126
BINITPC0	I	INITPC0	203		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BNCURPR	IO	NCURPR	012		3/2	
BPCURPR	IO	PCURPR	112		3/2	
BRISOL0	I	RISOL0	103		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BSISOL0	I	SISOL0	003		3/5 TO MESSAGE SWITCH CONTROL UNIT	
BJITVLPC	PWR	+5PWRQ	215			
	PWR	+5PWRI	315			
GRD04126	I	XPGM64E	324			
	GRD	GRD	023			
	GRD	GRD	024			
	GRD	GRD	032			
	GRD	GRD	044			
	GRD	GRD	045			
	GRD	GRD	123			
	GRD	GRD	124			
	GRD	GRD	132			
	GRD	GRD	144			
	GRD	GRD	145			
	GRD	GRD	200			
	GRD	GRD	201			
	GRD	GRD	211			
	GRD	GRD	212			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	256			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	311			
	GRD	GRD	312			
	GRD	GRD	344			
	GRD	GRD	345			
	GRD	GRD	356		TO MESSAGE SWITCH CONTROL UNIT	

SYMBOL NO. 2

MODULE MESSAGE PROCESSOR 1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP1A	04-146	UN170B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	SYNCLKE1	013			
	O	MIBCLKE1	113			
	O	SEQPER0	219			
	O	RCVPER0	220			
	O	TSSLD1	221			
	O	CHKTSSP	222			
	O	SPAREG	223			
	O	INVBIT6P	224			
	O	SPARED	243			
	O	TRMPER0	319			
	O	TSSPER0	320			
	O	TSSCK	321			
	O	TSSPCK	322			
	O	SPAREE	323			
	O	SEQPAR	324			
	O	MIBERR1	333			
	O	SPAREC	343			
	I	TVACC1	232			
	I	TVACC2	233			
	I	TVACC3	332			
B+5PWR01	PWR	+5	000		3/1	
	PWR	+5	001		3/1	
	PWR	+5	100		3/1	
	PWR	+5	101		3/1	
BAACNACK	O	ACNTACK1	533		3/3	
BAACNREQ	I	ACNTREQ0	535		3/3	
BAADDPEA	I	ADDPEA	539		3/3	
BAADDPEB	I	ADDPEB	439		3/4	
BAADD2PE	O	ADD2PE0	021		3/1	
BAAMIBER	I	AMIBERR1	542		3/3	
BABCNACK	O	BCNTACK1	532		3/3	
BABCNREQ	I	BCNTREQ0	534		3/3	
BABMIBER	I	BMIBERR1	442		3/4	
BACCNACK	O	CCNTACK1	433		3/4	
BACCNREQ	I	CCNTREQ0	435		3/4	
BACLMIBE	O	CLMIBE0	541		3/3,3/4	
BACMDINT	I	CMDINT10	120		3/1	
BACRPARA	O	CHRPARA	305		3/3	
BACRPARB	O	CHRPARB	205		3/4	
BACTPARA	O	CHTPARA	306		3/3	
BACTPARB	O	CHTPARB	206		3/4	
BADATPEA	I	DATAPEA	540		3/3	
BADATPEB	I	DATAPEB	440		3/4	
BADAT2PE	O	DAT2PE0	121		3/1	
BADCNACK	O	DCNTACK1	432		3/4	
BADCNREQ	I	DCNTREQ0	434		3/4	
BAEBYBYT	OT	ENBYBYT0	134		3/3,3/4	
	I				3/1	
BAELOBYT	OT	ENLOBYT0	034		3/3,3/4	
	I				3/1	
BAE2MHZX	O	E2MHZX	509		3/3,3/4	
BAINVPAR	O	INVPAR	502		3/3,3/4	
BAL2MHZX	O	L2MHZX	513		3/3,3/4	
BAMITDTA	I	AMIBTDAT	302		3/3	
BAMITDTB	I	BMIBTDAT	202		3/4	
BAMP2BE0	I	MMP2BE00	443		3/4	
BAP11N	GRD	PZIN	037		3/3	
BARVCKEA	O	RCVCKENA	307		3/3	
BARVCKEB	O	RCVCKENB	207		3/4	

SYMBOL NO. 2 (CONT)

MODULE MESSAGE PROCESSOR 1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP1A	04-146	UN170B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
BARVSELA	O	RCVSELA	304		3/3,3/4	
BARVSELB	O	RCVSELB	303		3/3,3/4	
BARVTSDA	O	RVTSDATA	402		3/3,3/4	
BASELTPA	O	SELTPAR1	503		3/3,3/4	
BATLDCNA	O	TLDCKNA	310		3/3	
BATLDCNB	O	TLDCKNB	210		3/4	
BATRCKEA	O	TRMCKENA	308		3/3	
BATRCKEB	O	TRMCKENB	208		3/4	
BATRSELA	O	TRMSELA	204		3/3,3/4	
BATRSELB	O	TRMSELB	203		3/3,3/4	
BATSORIN	I	TSORINT	552		3/3	
BATSOTIN	I	TSOTINT	452		3/3	
BATS1RIN	I	TS1RINT	551		3/3	
BATS1TIN	I	TS1TINT	451		3/3	
BATS2RIN	I	TS2RINT	550		3/3	
BATS2TIN	I	TS2TINT	450		3/3	
BATS3RIN	I	TS3RINT	549		3/3	
BATS3TIN	I	TS3TINT	449		3/3	
BATS4RIN	I	TS4RINT	548		3/4	
BATS4TIN	I	TS4TINT	448		3/4	
BATS5RIN	I	TS5RINT	547		3/4	
BATS5TIN	I	TS5TINT	447		3/4	
BATS6RIN	I	TS6RINT	546		3/4	
BATS6TIN	I	TS6TINT	446		3/4	
BATS7RIN	I	TS7RINT	545		3/4	
BATS7TIN	I	TS7TINT	445		3/4	
BAULDCKA	O	RULDCKNA	309		3/3	
BAULDCKB	O	RULDCKNB	209		3/4	
BAXADDPL	I	XADDPL	056		3/1	
BAXADD00	I	XADD00	046		3/1	
BAXADD01	I	XADD01	146		3/1	
BAXADD02	I	XADD02	047		3/1	
BAXADD03	I	XADD03	147		3/1	
BAXADD04	I	XADD04	048		3/1	
BAXADD05	I	XADD05	148		3/1	
BAXADD06	I	XADD06	049		3/1	
BAXADD07	I	XADD07	149		3/1	
BAXALPGE	I	XALWPGE0	020		3/1	
BAXCLRES	I	XCLRESR0	133		3/1	
BAXCSWIN	I	XCSWIND0	143		3/1	
BAXC4MHZ	I	XCLK4MHZ	043		3/1	
BAXDATPL	IO	DATPARLD	254		3/1	
BAXDAT00	IO	BYDATA00	246		3/1	
BAXDAT01	IO	BYDATA01	346		3/1	
BAXDAT02	IO	BYDATA02	247		3/1	
BAXDAT03	IO	BYDATA03	347		3/1	
BAXDAT04	IO	BYDATA04	248		3/1	
BAXDAT05	IO	BYDATA05	348		3/1	
BAXDAT06	IO	BYDATA06	249		3/1	
BAXDAT07	IO	BYDATA07	349		3/1	
BAXD86TR	I	XD86T1R0	140		3/1	
BAXFUNCN	I	XFUNCEN1	122		3/1	
BAXHDACK	I	XHLDACK0	139		3/1	
BAXHDREQ	O	XHLDREQ0	039		3/1	
BAXINACK	I	XINTACK0	138		3/1	
BAXINREQ	O	XINTREQ0	038		3/1	
BAXIORD0	I	XIORD0	041		3/1	
BAXIOWT0	I	XIOWT0	141		3/1	
BAXLATCH	I	XLATCH0	135		3/1	
BAXMEMIO	I	XMEMIO0	040		3/1	

SYMBOL NO. 2 (CONT)

MODULE MESSAGE PROCESSOR 1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP1A	04-146	UN170B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
BAX10MIN	I	X10MSINT	033		3/1	
BAX25CRA	O	X25CLKRA	106		3/3	
BAX25CRB	O	X25CLKRB	006		3/4	
BAX25CTA	O	X25CLKTA	105		3/3	
BAX25CTB	O	X25CLKTB	005		3/4	
BNCURPR	OT	-CURPR	012		3/3,3/4	
	I				3/6,3/7	
					3/8	
BPCURPR	OT	+CURPR	112		3/1,3/5	
	I				4/1	
BSQADDR8	I	SEQADDR8	103		3/3,3/4	
BSQADDR9	I	SEQADDR9	102		3/6,3/7	
BOCLKN	I	OCLKN	235		3/8	
BOCLKP	I	OCLKP	335		3/6 TO MESSAGE INTERFACE/CLOCK UNIT	
BORDATAN	I	ORDATAN	237		3/6 TO MESSAGE INTERFACE/CLOCK UNIT	
BORDATAP	I	ORDATAP	337		3/6 TO MESSAGE INTERFACE/CLOCK UNIT	
BOSYNCN	I	OSYNCN	234		3/6 TO MESSAGE INTERFACE/CLOCK UNIT	
BOSYNCP	I	OSYNCP	334		3/6 TO MESSAGE INTERFACE/CLOCK UNIT	
BOTDATAN	OT	OTDATAN	236		3/6 TO MESSAGE INTERFACE/CLOCK UNIT	
BOTDATAP	OT	OTDATAP	336		3/6 TO MESSAGE INTERFACE/CLOCK UNIT	
B02TVLPD	I	TSTVETO	008			
B1CLKN	I	1CLKN	240		3/6 TO MESSAGE INTERFACE/CLOCK UNIT	
B1CLKP	I	1CLKP	340		3/6 TO MESSAGE INTERFACE/CLOCK UNIT	
B1RDATAN	I	1RDATAN	242		3/6 TO MESSAGE	

PART OF FS 3
SYMBOL(S) 1 2

COPYRIGHT (C) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE C2	ISSUE 2A
AT&T BELL LABORATORIES	SD-5D066-01	B#3CB

PRINTED IN U.S.A.

PART OF FS 3

MODULE MESSAGE PROCESSORS - SIDE B

SYMBOL NO. 2 (CONT)

MODULE MESSAGE PROCESSOR 1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP1A	04-146	UN170B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					INTERFACE/CLOCK UNIT	
B1RDATAP	I	1RDATAP	342		3/6 TO MESSAGE INTERFACE/CLOCK UNIT	
B1SYNCN	I	1SYNCN	239		3/6 TO MESSAGE INTERFACE/CLOCK UNIT	
B1SYNCP	I	1SYNCP	339		3/6 TO MESSAGE INTERFACE/CLOCK UNIT	
B1TDATAN	OT	1TDATAN	241		3/6 TO MESSAGE INTERFACE/CLOCK UNIT	
B1TDATAP	OT	1TDATAP	341		3/6 TO MESSAGE INTERFACE/CLOCK UNIT	
GRD04146	I	MMPSELB	002			
	I	MMPSELA	003			
	I	TSTVET1	007			
	I	GRD	444			
	GRD	GRD	023			
	GRD	GRD	024			
	GRD	GRD	032			
	GRD	GRD	044			
	GRD	GRD	045			
	GRD	GRD	123			
	GRD	GRD	124			
	GRD	GRD	132			
	GRD	GRD	144			
	GRD	GRD	145			
	GRD	GRD	200			
	GRD	GRD	201			
	GRD	GRD	211			
	GRD	GRD	212			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	256			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	311			
	GRD	GRD	312			
	GRD	GRD	344			
	GRD	GRD	345			
	GRD	GRD	356			
	GRD	GRD	400			
	GRD	GRD	401			
	GRD	GRD	410			
	GRD	GRD	411			
	GRD	GRD	412			
	GRD	GRD	500			
	GRD	GRD	501			
	GRD	GRD	510			
	GRD	GRD	511			
	GRD	GRD	512			
	GRD	GRD	544			

SYMBOL NO. 3

MODULE MESSAGE PROCESSOR 2A

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2AA	04-132	TN858	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	0	GRD	003			
	0	TS3TDAT	232			
	0	TS2TDAT	233			
	0	TS1TDAT	234			
	0	TS0TDAT	235			
	0	TS3DAT	332			
	0	TS2DAT	333			
	0	TS1DAT	334			
	0	TS0DAT	335			
B+5PWR01	PWR	+5	000		3/1	
	PWR	+5	001		3/1	
	PWR	+5	100		3/1	
	PWR	+5	101		3/1	
BAACNACK	I	CNTAACK1	220		3/2	
BAACNREQ	0	CNTAREQ0	320		3/2	
BAADDPEA	0	ADDPE0	213		3/2	
BAAMIBER	0	MIBERR1	215		3/2	
BABCNACK	I	CNTBACK1	219		3/2	
BABCNREQ	0	CNTBREQ0	319		3/2	
BACLMIBE	I	CLMIERR0	214		3/2	
BACRPARA	I	CHRPAR	216		3/2	
BACTPARA	I	CHTPAR	316		3/2	
BADATPEA	0	DATAPE0	313		3/2	
BAEBYBYT	OT	ENBYBYT0	134		3/2	
BAELOBYT	OT	ENLOBYT0	034		3/2	
BAE2MHZX	I	E2MHZX	002		3/2	
BAINVPAR	I	INVRPAR	306		3/2	
BAL2MHZX	I	L2MHZX	006		3/2	
BAMIDTA	0	MIBTDAT	106		3/2	
BAPBHE0	OT	PBHE0	018		3/4	
	I				3/1	
BAP1IN	OT	GRD	037		3/4,3/2	
	I				3/1	
BARASOK1	OT	RASOK1	019		3/4	
	I				3/1	
BARVCKEA	I	RCKENAB	207		3/2	
BARVSELA	I	RCKSELA	209		3/2	
BARVSELB	I	RCKSELB	208		3/2	
BARVTSDA	I	RVTSDATA	317		3/2	
BASELTPA	I	SELTPAR1	305		3/2	
BATLDCNA	I	TLDCLKN	310		3/2	
BATRCKEA	I	TCKENAB	307		3/2	
BATRSELA	I	TCKSELA	309		3/2	
BATRSELB	I	TCKSELB	308		3/2	
BATSORIN	0	TSORINT	224		3/2	
BATSOTIN	0	TSOTINT	324		3/2	
BATS1RIN	0	TS1RINT	223		3/2	
BATS1TIN	0	TS1TINT	323		3/2	
BATS2RIN	0	TS2RINT	222		3/2	
BATS2TIN	0	TS2TINT	322		3/2	
BATS3RIN	0	TS3RINT	221		3/2	
BATS3TIN	0	TS3TINT	321		3/2	
CAULDCKA	I	RUNLDCKN	210		3/2	
BAXADDFH	IO	XADDPH	156		3/1	
BAXADDPL	IO	XADDPL	056		3/1	
BAXADDPU	OT	XADDPU	255		3/4	
	I				3/1	
BAXADD00	IO	XADD00	046		3/1	
BAXADD01	IO	XADD01	146		3/1	
BAXADD02	IO	XADD02	047		3/1	
BAXADD03	IO	XADD03	147		3/1	

SYMBOL NO. 3 (CONT)

MODULE MESSAGE PROCESSOR 2A

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2AA	04-132	TN858	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
BAXADD04	IO	XADD04	048		3/1	
BAXADD05	IO	XADD05	148		3/1	
BAXADD06	IO	XADD06	049		3/1	
BAXADD07	IO	XADD07	149		3/1	
BAXADD08	IO	XADD08	050		3/1	
BAXADD09	IO	XADD09	150		3/1	
BAXADD10	IO	XADD10	051		3/1	
BAXADD11	IO	XADD11	151		3/1	
BAXADD12	IO	XADD12	052		3/1	
BAXADD13	IO	XADD13	152		3/1	
BAXADD14	IO	XADD14	053		3/1	
BAXADD15	IO	XADD15	153		3/1	
BAXADD16	IO	XADD16	054		3/1	
BAXADD17	IO	XADD17	154		3/1	
BAXADD18	IO	XADD18	055		3/1	
BAXADD19	IO	XADD19	155		3/1	
BAXALPGE	1	XALMPGE0	020		3/1	
BAXCLK86	I	XCLK86	355		3/1	
BAXCLRES	I	XCLRESR0	133		3/1	
BAXCSWIN	I	XCSWIND0	143		3/1	
BAXC4MHZ	I	XCLK4MHZ	043		3/1	
BAXDATPL	IO	DATPARLO	254		3/1	
BAXDAT00	IO	BYDATA00	246		3/1	
BAXDAT01	IO	BYDATA01	346		3/1	
BAXDAT02	IO	BYDATA02	247		3/1	
BAXDAT03	IO	BYDATA03	347		3/1	
BAXDAT04	IO	BYDATA04	248		3/1	
BAXDAT05	IO	BYDATA05	348		3/1	
BAXDAT06	IO	BYDATA06	249		3/1	
BAXDAT07	IO	BYDATA07	349		3/1	
BAXDYRWS	I	XDYRWAT0	136		3/1	
BAXD86TR	I	XD86T1R0	140		3/1	
BAXFUNCN	I	XFUNCEN1	122		3/1	
BAXHDACK	I	XHLDACK0	139		3/1	
BAX1ORDO	I	X1ORD0	041		3/1	
BAX1OWTO	I	X1OWT0	141		3/1	
BAXLATCH	I	XLATCH0	135		3/1	
BAXMEM1O	I	XMEM1100	040		3/1	
BAXMEMRD	OT	XMEMRD	042		3/4	
	I				3/1	
BAXMEMWT	OT	XMEMWT	142		3/4	
	I				3/1	
BAX25CRA	I	X25CLKR	218		3/2	
BAX25CTA	I	X25CLKT	318		3/2	
BNCURPR	OT	-CURPR	012		3/2	
BPCURPR	OT	+CURPR	112		3/2	
B03TVLPA	I	TSTVET0	011			
B03TVLPB	0	X253.5	110			
	I	XX253.5M	010			
B03TVLPC	0	ENAWTBUF	109			
	I	ENWTBUF	009			
B03TVLPD	0	BRDRD0	108			
	I	BORD0	008			
GRD04132	I	TN858SEL	314			
	GRD	GRD	023			
	GRD	GRD	024			
	GRD	GRD	032			
	GRD	GRD	044			
	GRD	GRD	045			

SYMBOL NO. 3 (CONT)

MODULE MESSAGE PROCESSOR 2A

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2AA	04-132	TN858	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	123			
	GRD	GRD	124			
	GRD	GRD	132			
	GRD	GRD	144			
	GRD	GRD	145			
	GRD	GRD	200			
	GRD	GRD	201			
	GRD	GRD	211			
	GRD	GRD	212			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	256			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	311			
	GRD	GRD	312			
	GRD	GRD	344			
	GRD	GRD	345			
	GRD	GRD	356			

PART OF FS 3

SYMBOL(S) 2 3

COPYRIGHT (c) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE C2 | ISSUE 2A

AT&T BELL LABORATORIES | SD-5D066-01 | B#3CC

PRINTED IN U.S.A.

PART OF FS 3

MODULE MESSAGE PROCESSORS - SIDE B

SYMBOL NO. 4

MODULE MESSAGE PROCESSOR 2B

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2BA	04-140	TN858	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	TS3TDAT	232			
	O	TS2TDAT	233			
	O	TS1TDAT	234			
	O	TS0TDAT	235			
	O	TS3DAT	332			
	O	TS2DAT	333			
	O	TS1DAT	334			
	O	TS0DAT	335			
	I	TN858SEL	314			
B+5PWR01	PWR	+5	000		3/1	
	PWR	+5	001		3/1	
	PWR	+5	100		3/1	
	PWR	+5	101		3/1	
BAADDPE0	O	ADDPE0	213		3/2	
BABMIBER	O	MIBERR1	215		3/2	
BACCNACK	I	CNTAACK1	220		3/2	
BACCNREQ	O	CNTAREQ0	320		3/2	
BACLMIBE	I	CLMIERR0	214		3/2	
BACRPAR8	I	CHRPAR	216		3/2	
BACTPAR8	I	CHTPAR	316		3/2	
BADATPE8	O	DATAPE0	313		3/2	
BADCNACK	I	CNTBACK1	219		3/2	
BADCNREQ	O	CNTBREQ0	319		3/2	
BAEBYBYT	OT	ENBYBYT0	134		3/2	
BAELOBYT	OT	ENLOBYT0	034		3/2	
BAE2MHZX	I	E2MHZX	002		3/2	
BAINVPAR	I	INVRPAR	306		3/2	
BAL2MHZX	I	L2MHZX	006		3/2	
BAMITDTB	O	MIBTDAT	106		3/2	
BAMP2BE0	O	GRD	003		3/2	
BAPBHE0	OT	PBHE0	018		3/3	
BAP1IN	OT	GRD	037		3/3	
BARASOK1	OT	RASOK1	019		3/3	
BARVCKE8	I	RCKENAB	207		3/2	
BARVSELA	I	RCKSELA	209		3/2	
BARVSELB	I	RCKSELB	208		3/2	
BARVTSDA	I	RVTSDATA	317		3/2	
BASELTPA	I	SELTPAR1	305		3/2	
BATLDCNB	I	TLDCLKN	310		3/2	
BATRCKE8	I	TCKENAB	307		3/2	
BATRSELA	I	TCKSELA	309		3/2	
BATRSELB	I	TCKSELB	308		3/2	
BATS4RIN	O	TS0RINT	224		3/2	
BATS4TIN	O	TS0TINT	324		3/2	
BATS5RIN	O	TS1RINT	223		3/2	
BATS5TIN	O	TS1TINT	323		3/2	
BATS6RIN	O	TS2RINT	222		3/2	
BATS6TIN	O	TS2TINT	322		3/2	
BATS7RIN	O	TS3RINT	221		3/2	
BATS7TIN	O	TS3TINT	321		3/2	
BAULDCK8	I	RUNLDCKN	210		3/2	
BAXADDPH	IO	XADDPH	156		3/1	
BAXADDPL	IO	XADDPL	056		3/1	
BAXADDPU	OT	XADDPU	255		3/3	
BAXADD00	IO	XADD00	046		3/1	
BAXADD01	IO	XADD01	146		3/1	
BAXADD02	IO	XADD02	047		3/1	
BAXADD03	IO	XADD03	147		3/1	
BAXADD04	IO	XADD04	048		3/1	
BAXADD05	IO	XADD05	148		3/1	

SYMBOL NO. 4 (CONT)

MODULE MESSAGE PROCESSOR 2B

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2BA	04-140	TN858	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
BAXADD06	IO	XADD06	049		3/1	
BAXADD07	IO	XADD07	149		3/1	
BAXADD08	IO	XADD08	050		3/1	
BAXADD09	IO	XADD09	150		3/1	
BAXADD10	IO	XADD10	051		3/1	
BAXADD11	IO	XADD11	151		3/1	
BAXADD12	IO	XADD12	052		3/1	
BAXADD13	IO	XADD13	152		3/1	
BAXADD14	IO	XADD14	053		3/1	
BAXADD15	IO	XADD15	153		3/1	
BAXADD16	IO	XADD16	054		3/1	
BAXADD17	IO	XADD17	154		3/1	
BAXADD18	IO	XADD18	055		3/1	
BAXADD19	IO	XADD19	155		3/1	
BAXALPGE	I	XALMPGE0	020		3/1	
BAXCLK86	I	XCLK86	355		3/1	
BAXCLRES	I	XCLRESR0	133		3/1	
BAXCSWIN	I	XCSWIND0	143		3/1	
BAXC4MHZ	I	XCLK4MHZ	043		3/1	
BAXDATPL	IO	DATPARL0	254		3/1	
BAXDAT00	IO	BYDATA00	246		3/1	
BAXDAT01	IO	BYDATA01	346		3/1	
BAXDAT02	IO	BYDATA02	247		3/1	
BAXDAT03	IO	BYDATA03	347		3/1	
BAXDAT04	IO	BYDATA04	248		3/1	
BAXDAT05	IO	BYDATA05	348		3/1	
BAXDAT06	IO	BYDATA06	249		3/1	
BAXDAT07	IO	BYDATA07	349		3/1	
BAXDYRWS	I	XDYRWAT0	136		3/1	
BAXD86TR	I	XD86T1R0	140		3/1	
BAXFUNEN	I	XFUNCEN1	122		3/1	
BAXHDACK	I	XHLDACK0	139		3/1	
BAXIORD0	I	XIORD0	041		3/1	
BAXIOWT0	I	XIOWT0	141		3/1	
BAXLATCH	I	XLATCH0	135		3/1	
BAXMEMIO	I	XMEM1IO0	040		3/1	
BAXMEMRD	OT	XMEMRD	042		3/3	
BAXMEMWT	OT	XMEMWT	142		3/3	
BAX25CRB	I	X25CLKR	218		3/2	
BAX25CTB	I	X25CLKT	318		3/2	
BNCURPR	OT	-CURPR	012		3/2	
BPCURPR	OT	+CURPR	112		3/2	
B04TVLPA	I	TSTVET0	011			
B04TVLPB	O	XX253.5	110			
	I	XX253.5M	010			
B04TVLPC	O	ENAWTBUF	109			
	I	ENWTBUF	009			
B04TVLPD	O	BRDRD0	108			
	I	BDRD0	008			
GRD04140	GRD	GRD	023			
	GRD	GRD	024			
	GRD	GRD	032			
	GRD	GRD	044			
	GRD	GRD	045			
	GRD	GRD	123			
	GRD	GRD	124			
	GRD	GRD	132			
	GRD	GRD	144			
	GRD	GRD	145			
	GRD	GRD	200			

SYMBOL NO. 4 (CONT)

MODULE MESSAGE PROCESSOR 2B

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2BA	04-140	TN858	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	201			
	GRD	GRD	211			
	GRD	GRD	212			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	256			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	311			
	GRD	GRD	312			
	GRD	GRD	344			
	GRD	GRD	345			
	GRD	GRD	356			

SYMBOL NO. 5

MESSAGE SWITCH PERIPHERAL PROCESSOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPPB	04-154	MC5D036A1B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	PWR	+5	210			
	PWR	+5	310			
	O	DATAPLI	220			
	O		232			
	O		233			
	O		234			
	O		235			
	O		236			
	O		237			
	O		238			
	O	DATAPHI	321			
	O		332			
	O		333			
	O		335			
	O		336			
	O		337			
	O		338			
	O	MONDBCS0	341			
	I	P3IN	218			
	I	EPMBDIR	221			
	I	UACEQP0	241			
	I	UACINT0	242			
	I	INHRTCT0	243			
	I		313			
	I		317			
	I	XDLYDIR0	318			
	I	PICINIT0	342			
	I	CLRISOL0	343			
B+5PWR01	PWR	+5	000		3/1	
	PWR	+5	001		3/1	
	PWR	+5	100		3/1	
	PWR	+5	101		3/1	
	I	VPP	323		3/1	

SYMBOL NO. 5 (CONT)

MESSAGE SWITCH PERIPHERAL PROCESSOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPPB	04-154	MC5D036A1B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
B8ADD2PE	I	ADD2PE0	021		3/6	
B8CMDINT	IO	CMDINT10	120		3/6	
B8CSA0	O	CSA0	202		TO MESSAGE SWITCH CONTROL UNIT	
B8DAT2PE	I	DAT2PE0	121		3/6	
B8EBYBYT	I	ENBYBYT0	134		3/6	
B8EHIBYT	I	ENHIBYT0	035			
B8ELOBYT	I	ENLOBYT0	034		3/6	
B8ERR0	O	ERR0	102		TO MESSAGE SWITCH CONTROL UNIT	
B8INTR0	O	INTR0	302		TO MESSAGE SWITCH CONTROL UNIT	
B8PBHE0	IO	PBHE0	018		3/7	
B8PCSEL0	I	PCSEL0	305		TO MESSAGE SWITCH CONTROL UNIT	
B8PUMPCS	O	PUMPCS0	119			
B8P1IN	I	P1IN	037		3/7	
B8P2IN	I	P2IN	118			
B8RASOK1	I	RASOK1	019		3/7	
B8SR0	O	SR0	002		TO MESSAGE SWITCH CONTROL UNIT	
B8XADDPH	IO	XADDPH	156		3/7,3/8	
B8XADDPL	IO	XADDPL	056		3/7,3/8 3/6	
B8XADDPU	IO	XADDPU	255		3/7	
B8XADD00	IO	XADD00	046		3/7,3/8 3/6	
B8XADD01	IO	XADD01	146		3/7,3/8 3/6	
B8XADD02	IO	XADD02	047		3/7,3/8 3/6	
B8XADD03	IO	XADD03	147		3/7,3/8 3/6	
B8XADD04	IO	XADD04	048		3/7,3/8 3/6	
B8XADD05	IO	XADD05	148		3/7,3/8 3/6	
B8XADD06	IO	XADD06	049		3/7,3/8 3/6	
B8XADD07	IO	XADD07	149		3/7,3/8 3/6	
B8XADD08	IO	XADD08	050		3/7,3/8	
B8XADD09	IO	XADD09	150		3/7,3/8	
B8XADD10	IO	XADD10	051		3/7,3/8	
B8XADD11	IO	XADD11	151		3/7,3/8	
B8XADD12	IO	XADD12	052		3/7,3/8	
B8XADD13	IO	XADD13	152		3/7,3/8	
B8XADD14	IO	XADD14	053		3/7,3/8	
B8XADD15	IO	XADD15	153		3/7,3/8	
B8XADD16	IO	XADD16	054		3/7,3/8	

PART OF FS 3

SYMBOL(S) 4 5

COPYRIGHT (C) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE: D2

ISSUE: 2A

AT&T BELL LABORATORIES

SD-5D066-01

B#3CD

PRINTED IN U.S.A.

PART OF FS 3

MODULE MESSAGE PROCESSORS - SIDE B

SYMBOL NO. 5 (CONT)

MESSAGE SWITCH PERIPHERAL PROCESSOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPP8	04-154	MC5D036A1B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
BBXADD17	IO	XADD17	154		3/7,3/8	
BBXADD18	IO	XADD18	055		3/7,3/8	
BBXADD19	IO	XADD19	155		3/7,3/8	
BBXALPGE	O	XALWPGE0	020		3/6,3/7 3/8	
BBXCLK86	O	XCLK86	355		3/7,3/8	
BBXCLRES	O	XCLRESR0	133		3/6,3/7 3/8	
BBXCNTWS	I	CONTWS0	036			
BBXCSWIN	O	XCSWIND0	143		3/6,3/7 3/8	
BBXC4MHZ	O	XCLK4MHZ	043		3/6,3/7 3/8	
BBXDATPH	IO	DATPARH1	354			
BBXDATPL	IO	DATPARL0	254		3/6,3/7 3/8	
BBXDAT00	IO	BYDATA00	246		3/6,3/7 3/8	
BBXDAT01	IO	BYDATA01	346		3/6,3/7 3/8	
BBXDAT02	IO	BYDATA02	247		3/6,3/7 3/8	
BBXDAT03	IO	BYDATA03	347		3/6,3/7 3/8	
BBXDAT04	IO	BYDATA04	248		3/6,3/7 3/8	
BBXDAT05	IO	BYDATA05	348		3/6,3/7 3/8	
BBXDAT06	IO	BYDATA06	249		3/6,3/7 3/8	
BBXDAT07	IO	BYDATA07	349		3/6,3/7 3/8	
BBXDAT08	IO	WDDATA08	250			
BBXDAT09	IO	WDDATA09	350			
BBXDAT10	IO	WDDATA10	251			
BBXDAT11	IO	WDDATA11	351			
BBXDAT12	IO	WDDATA12	252			
BBXDAT13	IO	WDDATA13	352			
BBXDAT14	IO	WDDATA14	253			
BBXDAT15	IO	WDDATA15	353			
BBXDIRRW	O	XDIRLRHW	137			
BBXDYRWS	O	XDYRWAT0	136		3/7,3/8	
BBXD86TR	O	XD86T1R0	140		3/6,3/7 3/8	
BBXFUNCN	O	XFUNCEN1	122		3/6,3/7 3/8	
BBXHDACK	O	XHLDACK0	139		3/6,3/7 3/8	
BBXHDREQ	I	XHLDREQ0	039		3/6	
BBXINACK	O	XINTACK0	138		3/6	
BBXINREQ	I	XINTREQ0	038		3/6	
BBXIORD0	O	XIORD0	041		3/6,3/7 3/8	
BBXIOWT0	O	XIOWT0	141		3/6,3/7 3/8	
BBXLATCH	O	XLATCH0	135		3/6,3/7 3/8	
BBXMEMIO	O	XMEMIO0	040		3/6,3/7 3/8	
BBXMEMRD	IO	XMEMRD	042		3/7	
BBXMEMWT	IO	XMEMWT	142		3/7	
BBXPWRRS	O	XPWRRST0	022			
BBX10MIN	O	X10MSINT	033		3/6	
BCMDINT0	I	CMDINT0	303		3/1	
BDMAAD00	I	DMAAD001	009		3/1	

SYMBOL NO. 5 (CONT)

MESSAGE SWITCH PERIPHERAL PROCESSOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPP8	04-154	MC5D036A1B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
BDMAAD01	I	DMAAD011	109		3/1	
BDMAAD02	I	DMAAD021	010		3/1	
BDMAAD03	I	DMAAD031	110		3/1	
BDMAAD04	I	DMAAD041	011		3/1	
BDMAAD05	I	DMAAD051	111		3/1	
BDMAAD06	I	DMAAD061	013		3/1	
BDMAAD07	I	DMAAD071	113		3/1	
BDMAAD08	I	DMAAD081	014		3/1	
BDMAAD09	I	DMAAD091	114		3/1	
BDMAAD10	I	DMAAD101	015		3/1	
BDMAAD11	I	DMAAD111	115		3/1	
BDMAAD12	I	DMAAD121	016		3/1	
BDMAAD13	I	DMAAD131	116		3/1	
BDMAAD14	I	DMAAD141	017		3/1	
BDMAAD15	I	DMAAD151	117		3/1	
BDMADAP1	IO	DMADAP1	205		3/1	
BDMADA00	IO	DMADA001	005		3/1	
BDMADA01	IO	DMADA011	105		3/1	
BDMADA02	IO	DMADA021	006		3/1	
BDMADA03	IO	DMADA031	106		3/1	
BDMADA04	IO	DMADA041	007		3/1	
BDMADA05	IO	DMADA051	107		3/1	
BDMADA06	IO	DMADA061	008		3/1	
BDMADA07	IO	DMADA071	108		3/1	
BDMADPC0	I	DMADPC0	104		3/1	
BDMARD0	I	DMARD0	204		3/1	P/GRD04126
BDMAREQ0	I	DMAREQ0	004		3/1	
BDMAWT0	I	DMAWT0	304		3/1	
BINITPC0	I	INITPC0	203		3/1	
BNCURPR	IO	NCURPR	012		3/2	P/GRD04126
BPCURPR	IO	PCURPR	112		3/2	
BRISGL0	I	RISGL0	103		3/1	
BSISGL0	I	SISGL0	003		3/1	
B05TVLPC	PWR	+5PWR0	215			
	PWR	+5PWR1	315			
GRD04154	I	XPGM64E	324			
	GRD	GRD	023			
	GRD	GRD	024			
	GRD	GRD	032			
	GRD	GRD	044			
	GRD	GRD	045			
	GRD	GRD	123			
	GRD	GRD	124			
	GRD	GRD	132			
	GRD	GRD	144			
	GRD	GRD	145			
	GRD	GRD	200			
	GRD	GRD	201			
	GRD	GRD	211			
	GRD	GRD	212			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	256			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	311			
	GRD	GRD	312			
	GRD	GRD	344			
	GRD	GRD	345			
	GRD	GRD	356			

SYMBOL NO. 6

MODULE MESSAGE PROCESSOR 1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP1B	04-174	UN170B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	SYNCLKE1	013			
	O	MIBCLKE1	113			
	O	SEQPER0	219			
	O	RCVPER0	220			
	O	TSSLD1	221			
	O	CHKTSSP	222			
	O	SPAREG	223			
	O	INVBIT6P	224			
	O	SPARED	243			
	O	TRMPER0	319			
	O	TSSPER0	320			
	O	TSSCK	321			
	O	TSSPCK	322			
	O	SPAREE	323			
	O	SEQPAR	324			
	O	MIBERR1	333			
	O	SPAREC	343			
	I	MMPSELB	002			
	I	MMPSELA	003			
	I	TVACC1	232			
	I	TVACC2	233			
	I	TVACC3	332			
B+5PWR01	PWR	+5	000		3/1	
	PWR	+5	001		3/1	
	PWR	+5	100		3/1	
	PWR	+5	101		3/1	
BBACNACK	O	ACNTACK1	533		3/7	
BBACNREQ	I	ACNTREQ0	535		3/7	
BBADDPEA	I	ADDPEA	539		3/7	
BBADDPEB	I	ADDPEB	439		3/8	
BBADD2PE	O	ADD2PE0	021		3/5	
BBAMIBER	I	AMIBERR1	542		3/7	
BBBCNACK	O	BCNTACK1	532		3/7	
BBBCNREQ	I	BCNTREQ0	534		3/7	
BBBMIBER	I	BMIBERR1	442		3/8	
BBCCNACK	O	CCNTACK1	433		3/8	
BBCCNREQ	I	CCNTREQ0	435		3/8	
BBCLMIBE	O	CLMIBE0	541		3/7,3/8	
BBCMDINT	I	CMDINT10	120		3/5	
BBCRPARA	O	CHRPARA	309		3/7	
BBCRPARB	O	CHRPARB	205		3/8	
BBCTPARA	O	CHTPARA	306		3/7	
BBCTPARB	O	CHTPARB	206		3/8	
BBDATPEA	I	DATAPEA	540		3/7	
BBDATPEB	I	DATAPEB	440		3/8	
BBDAT2PE	O	DAT2PE0	121		3/5	
BBDCNACK	O	DCNTACK1	432		3/8	
BBDCNREQ	I	DCNTREQ0	434		3/8	
BBEBYBYT	OT	ENBYBYT0	134		3/7,3/8	
	I				3/5	
BBELOBYT	OT	ENLOBYT0	034		3/7,3/8	
	I				3/5	
BBE2MHZX	O	E2MHZX	509		3/7,3/8	
BBINVPAR	O	INVRPAR	502		3/7,3/8	
BBL2MH2X	O	L2MHZX	513		3/7,3/8	
BBMITDTA	I	AMIBTDAT	302		3/7	
BBMITDTB	I	BMIBTDAT	202		3/8	
BRMP2BEQ	I	MMP2BEQ0	443		3/8	
BSP11N	GRD	P21N	037		3/7	

SYMBOL NO. 6 (CONT)

MODULE MESSAGE PROCESSOR 1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP1B	04-174	UN170B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
BBRVCKEA	O	RCVCKENA	307		3/7	
BBRVCKEB	O	RCVCKENB	207		3/8	
BBRVSELA	O	RCVSELA	304		3/7,3/8	
BBRVSELB	O	RCVSELB	303		3/7,3/8	
BBRVTSDA	O	RVTSDATA	402		3/7,3/8	
BBSELTPA	O	SELTPAR1	503		3/7,3/8	
BBTLDCNA	O	TLDCKNA	310		3/7	
BBTLDCNB	O	TLDCKNB	210		3/8	
BBTRCKEA	O	TRMCKENA	308		3/7	
BBTRCKEB	O	TRMCKENB	208		3/8	
BBTRSELA	O	TRMSELA	204		3/7,3/8	
BBTRSELB	O	TRMSELB	203		3/7,3/8	
BBTSORIN	I	TSORINT	552		3/7	
BBTSOTIN	I	TSOTINT	452		3/7	
BBTS1RIN	I	TS1RINT	551		3/7	
BBTS1TIN	I	TS1TINT	451		3/7	
BBTS2RIN	I	TS2RINT	550		3/7	
BBTS2TIN	I	TS2TINT	450		3/7	
BBTS3RIN	I	TS3RINT	549		3/7	
BBTS3TIN	I	TS3TINT	449		3/7	
BBTS4RIN	I	TS4RINT	548		3/8	
BBTS4TIN	I	TS4TINT	448		3/8	
BBTS5RIN	I	TS5RINT	547		3/8	
BBTS5TIN	I	TS5TINT	447		3/8	
BBTS6RIN	I	TS6RINT	546		3/8	
BBTS6TIN	I	TS6TINT	446		3/8	
BBTS7RIN	I	TS7RINT	545		3/8	
BBTS7TIN	I	TS7TINT	445		3/8	
BBULDCKA	O	RULDCKNA	309		3/7	
BBULDCKB	O	RULDCKNB	209		3/8	
BBXADDPL	I	XADDPL	056		3/5	
BBXADD00	I	XADD00	046		3/5	
BBXADD01	I	XADD01	146		3/5	
BBXADD02	I	XADD02	047		3/5	
BBXADD03	I	XADD03	147		3/5	
BBXADD04	I	XADD04	048		3/5	
BBXADD05	I	XADD05	148		3/5	
BBXADD06	I	XADD06	049		3/5	
BBXADD07	I	XADD07	149		3/5	
BBXALPGE	I	XALWPGE0	020		3/5	
BBXCLRES	I	XCLRESR0	133		3/5	
BBXCSWIN	I	XCSWIND0	143		3/5	
BBXC4MHZ	I	XCLK4MHZ	043		3/5	
BBXDATPL	IO	DATPARL0	254		3/5	
BBXDAT00	IO	BYDATA00	246		3/5	
BBXDAT01	IO	BYDATA01	346		3/5	
BBXDAT02	IO	BYDATA02	247		3/5	
BBXDAT03	IO	BYDATA03	347		3/5	
BBXDAT04	IO	BYDATA04	248		3/5	
BBXDAT05	IO	BYDATA05	348		3/5	

PART OF FS 3

SYMBOL(S) 5 6

COPYRIGHT (C) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE: D2

ISSUE: 2A

AT&T BELL LABORATORIES

SD-5D066-01

B#3CE

PRINTED IN U.S.A.

PART OF FS 3

MODULE MESSAGE PROCESSORS - SIDE B

SYMBOL NO. 6 (CONT)

MODULE MESSAGE PROCESSOR 1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP1B	04-174	UN170B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
BBXDAT06	IO	BYDATA06	249		3/5	
BBXDAT07	IO	BYDATA07	349		3/5	
BBXD86TR	I	XD86T1R0	140		3/5	
BBXFUNCN	I	XFUNCEN1	122		3/5	
BBXHDACK	I	XHLDACK0	139		3/5	
BBXHDREQ	O	XHLDREQ0	039		3/5	
BBXINACK	I	XINTACK0	138		3/5	
BBXINREQ	O	XINTREQ0	038		3/5	
BBX1ORDO	I	X1ORD0	041		3/5	
BBX1OWTO	I	X1OWT0	141		3/5	
BBXLATCH	I	XLATCH0	135		3/5	
BBXMEM1O	I	XMEM11O0	040		3/5	
BBX10MIN	I	X10MSINT	033		3/5	
BBX25CRA	O	X25CLKRA	106		3/7	
BBX25CRB	O	X25CLKRB	006		3/8	
BBX25CTA	O	X25CLKTA	105		3/7	
BBX25CTB	O	X25CLKTB	005		3/8	
BNCURPR	OT	-CURPR	012		3/2	
BPCURPR	OT	+CURPR	112		3/2	
BSQADDR8	I	SEQADDR8	103		3/2	
BSQADDR9	I	SEQADDR9	102		3/2	
BOCLKN	I	OCLKN	235		3/2	
BOCLKP	I	OCLKP	335		3/2	
BORDATAN	I	ORDATAN	237		3/2	
BORDATAP	I	ORDATAP	337		3/2	
BOSYNCN	I	OSYNCN	234		3/2	
BOSYNCP	I	OSYNCP	334		3/2	
BOTDATAN	OT	OTDATAN	236		3/2	
BOTDATAP	OT	OTDATAP	336		3/2	
BO6TVLPD	I	TSTVET0	008			
B1CLKN	I	1CLKN	240		3/2	
B1CLKP	I	1CLKP	340		3/2	
B1RDATAN	I	1RDATAN	242		3/2	
B1RDATAP	I	1RDATAP	342		3/2	
B1SYNCN	I	1SYNCN	239		3/2	
B1SYNCP	I	1SYNCP	339		3/2	
B1TDATAN	OT	1TDATAN	241		3/2	
B1TDATAP	OT	1TDATAP	341		3/2	
GRD04174	I	TSTVET1	007			
	I	GRD	444			
	GRD	GRD	023			
	GRD	GRD	024			
	GRD	GRD	032			
	GRD	GRD	044			
	GRD	GRD	045			
	GRD	GRD	123			
	GRD	GRD	124			
	GRD	GRD	132			
	GRD	GRD	144			
	GRD	GRD	145			
	GRD	GRD	200			
	GRD	GRD	201			
	GRD	GRD	211			
	GRD	GRD	212			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	256			
	GRD	GRD	300			

SYMBOL NO. 6 (CONT)

MODULE MESSAGE PROCESSOR 1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP1B	04-174	UN170B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	301			
	GRD	GRD	311			
	GRD	GRD	312			
	GRD	GRD	344			
	GRD	GRD	345			
	GRD	GRD	356			
	GRD	GRD	400			
	GRD	GRD	401			
	GRD	GRD	410			
	GRD	GRD	411			
	GRD	GRD	412			
	GRD	GRD	500			
	GRD	GRD	501			
	GRD	GRD	510			
	GRD	GRD	511			
	GRD	GRD	512			
	GRD	GRD	544			

SYMBOL NO. 7

MODULE MESSAGE PROCESSOR 2A

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2A8	04-160	TN858	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	GRD	003			
	O	TS3TDAT	232			
	O	TS2TDAT	233			
	O	TS1TDAT	234			
	O	TS0TDAT	235			
	O	TS3DAT	332			
	O	TS2DAT	333			
	O	TS1DAT	334			
	O	TS0DAT	335			
B+5PWR01	PWR	+5	000		3/1	
	PWR	+5	001		3/1	
	PWR	+5	100		3/1	
	PWR	+5	101		3/1	
BBACNACK	I	CNTAACK1	220		3/6	
BBACNREQ	O	CNTAREQ0	320		3/6	
BBADDPEA	O	ADDPEO	213		3/6	
BBAMIBER	O	MIBERR1	215		3/6	
BBBCNACK	I	CNTBACK1	219		3/6	
BBBCNREQ	O	CNTBREG0	319		3/6	
BBCLMIBE	I	CLMIERR0	214		3/6	
BBCRPARA	I	CHRPAR	216		3/6	
BBCTPARA	I	CHTPAR	316		3/6	
BBDATPEA	O	DATAPEO	313		3/6	
BBEBYBYT	OT	ENBYBYTO	134		3/6	
BBELOBYT	OT	ENLOBYTO	034		3/6	
BBE2MHZX	I	E2MHZX	002		3/6	
BBINVPAR	I	INVRPAR	306		3/6	
BBL2MHZX	I	L2MHZX	006		3/6	
BBMITDTA	O	MIBTDAT	106		3/6	
BBPBHEO	OT	PBHEO	018		3/8	
	I				3/5	

SYMBOL NO. 7 (CONT)

MODULE MESSAGE PROCESSOR 2A

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2AB	04-160	TN858	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
BBP1IN	OT	GRD	037		3/8,3/6	
	I				3/5	
BBRASOK1	OT	RASOK1	019		3/8	
	I				3/5	
BBRVCKEA	I	RCKENAB	207		3/6	
BBRVSELA	I	RCKSELA	209		3/6	
BBRVSELB	I	RCKSELB	208		3/6	
BBRVTSDA	I	RVTSDATA	317		3/6	
BBSELTPA	I	SELTPAR1	305		3/6	
BBTLDCNA	I	TLDCLKN	310		3/6	
BBTRCKEA	I	TCKENAB	307		3/6	
BBTRSELA	I	TCKSELA	309		3/6	
BBTRSELB	I	TCKSELB	308		3/6	
BBTSORIN	O	TSORINT	224		3/6	
BBTS0TIN	O	TS0TINT	324		3/6	
BBTS1RIN	O	TS1RINT	223		3/6	
BBTS1TIN	O	TS1TINT	323		3/6	
BBTS2RIN	O	TS2RINT	222		3/6	
BBTS2TIN	O	TS2TINT	322		3/6	
BBTS3RIN	O	TS3RINT	221		3/6	
BBTS3TIN	O	TS3TINT	321		3/6	
BBULDCKA	I	RUNLDCKN	210		3/6	
BBXADDPH	IO	XADDPH	156		3/5	
BBXADDPL	IO	XADDPL	056		3/5	
BBXADDPU	OT	XADDPU	255		3/8	
	I				3/5	
BBXADD00	IO	XADD00	046		3/5	
BBXADD01	IO	XADD01	146		3/5	
BBXADD02	IO	XADD02	047		3/5	
BBXADD03	IO	XADD03	147		3/5	
BBXADD04	IO	XADD04	048		3/5	
BBXADD05	IO	XADD05	148		3/5	
BBXADD06	IO	XADD06	049		3/5	
BBXADD07	IO	XADD07	149		3/5	
BBXADD08	IO	XADD08	050		3/5	
BBXADD09	IO	XADD09	150		3/5	
BBXADD10	IO	XADD10	051		3/5	
BBXADD11	IO	XADD11	151		3/5	
BBXADD12	IO	XADD12	052		3/5	
BBXADD13	IO	XADD13	152		3/5	
BBXADD14	IO	XADD14	053		3/5	
BBXADD15	IO	XADD15	153		3/5	
BBXADD16	IO	XADD16	054		3/5	
BBXADD17	IO	XADD17	154		3/5	
BBXADD18	IO	XADD18	055		3/5	
BBXADD19	IO	XADD19	155		3/5	
BBXALPGE	I	XALWPGE0	020		3/5	
BBXCLK86	I	XCLK86	355		3/5	
BBXCLRES	I	XCLRESR0	133		3/5	
BBXC5WIN	I	XC5WIND0	143		3/5	
BBXC4MHZ	I	XCLK4MHZ	043		3/5	
BBXDATPL	IO	DATPARL0	254		3/5	
BBXDAT00	IO	BYDATA00	246		3/5	
BBXDAT01	IO	BYDATA01	346		3/5	
BBXDAT02	IO	BYDATA02	247		3/5	
BBXDAT03	IO	BYDATA03	347		3/5	
BBXDAT04	IO	BYDATA04	248		3/5	
BBXDAT05	IO	BYDATA05	348		3/5	
BBXDAT06	IO	BYDATA06	249		3/5	
BBXDAT07	IO	BYDATA07	349		3/5	

SYMBOL NO. 7 (CONT)

MODULE MESSAGE PROCESSOR 2A

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2AB	04-160	TN858	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
BBXDYRWS	I	XDYRWAT0	136		3/5	
BBXD86TR	I	XD86T1RD	140		3/5	
BBXFUNCN	I	XFUNCEN1	122		3/5	
BBXHDACK	I	XHLDACK0	139		3/5	
BBX1ORD0	I	X1ORD0	041		3/5	
B2X1OWT0	I	X1OWT0	141		3/5	
BBXLATCH	I	XLATCH0	135		3/5	
BBXMEM:O	I	XMEM11O0	040		3/5	
BBXMEMRD	OT	XMEMRD	042		3/4	
	I				3/5	
BBXMEMWT	OT	XMEMWT	142		3/8	
	I				3/5	
BBX25CRA	I	X25CLKR	218		3/6	
BBX25CTA	I	X25CLKT	318		3/6	
BNCURPR	OT	-CURPR	012		3/2	
BPCURPR	OT	+CURPR	112		3/2	
BO7TVLPA	I	TSTVET0	011			
BO7TVLPB	O	X253.5	110			
	I	XX253.5M	010			
BO7TVLPC	O	ENAWTBUF	109			
	I	ENWTBUF	009			
BO7TVLPD	O	BRDRD0	108			
	I	BDRD0	008			
GRD04160	I	TN858SEL	314			
	GRD	GRD	023			
	GRD	GRD	024			
	GRD	GRD	032			
	GRD	GRD	044			
	GRD	GRD	045			
	GRD	GRD	123			
	GRD	GRD	124			
	GRD	GRD	132			
	GRD	GRD	144			
	GRD	GRD	145			
	GRD	GRD	200			
	GRD	GRD	201			
	GRD	GRD	211			
	GRD	GRD	212			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	256			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	311			
	GRD	GRD	312			
	GRD	GRD	344			
	GRD	GRD	345			
	GRD	GRD	356			

PART OF FS 3

SYMBOL(S) 6 7

COPYRIGHT (C) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE C2 | ISSUE 2A

AT&T BELL LABORATORIES | SD-5D066-01 | B#3CF

PRINTED IN U.S.A.

PART OF FS 3

MODULE MESSAGE PROCESSORS - SIDE B

SYMBOL NO. 8

MODULE MESSAGE PROCESSOR 2B

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2BB	04-168	TN858	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	TS3TDAT	232			
	O	TS2TDAT	233			
	O	TS1TDAT	234			
	O	TS0TDAT	235			
	O	TS3DAT	332			
	O	TS2DAT	333			
	O	TS1DAT	334			
	O	TS0DAT	335			
	I	TN858SEL	314			
B+5PWR01	PWR	+5	000		3/1	
	PWR	+5	001		3/1	
	PWR	+5	100		3/1	
	PWR	+5	101		3/1	
BBADDPEB	O	ADDPEO	213		3/6	
BBBMIBER	O	MIBERR1	215		3/6	
BBCCNACK	I	CNTAACK1	220		3/6	
BBCCNREQ	O	CNTAREQO	320		3/6	
BBCLMIBE	I	CLMIERRO	214		3/6	
BBCRPARB	I	CHRPAR	216		3/6	
BBCTPARB	I	CHTPAR	316		3/6	
BBDATPEB	O	DATAPEO	313		3/6	
BBDCNACK	I	CNTBACK1	219		3/6	
BBDCNREQ	O	CNTBREQO	319		3/6	
BBEBYBYT	OT	ENBYBYTO	134		3/6	
BBELOBYT	OT	ENLOBYTO	034		3/6	
BBEZMHZX	I	EZMHZX	002		3/6	
BBINVPAR	I	INVRPAR	306		3/6	
BBL2MHZX	I	LZMHZX	006		3/6	
BBM1TDTB	O	M1BTDAT	106		3/6	
BBMP2BEO	O	GRD	003		3/6	
BBPBHEO	OT	PBHEO	018		3/7	
BBP1IN	OT	GRD	037		3/7	
BBRASOK1	OT	RASOK1	019		3/7	
BBRVCKEB	I	RCKENAB	207		3/6	
BBRVSELA	I	RCKSELA	209		3/6	
BBRVSELB	I	RCKSELB	208		3/6	
BBRVTSDA	I	RVTSDATA	317		3/6	
BBSELTPA	I	SELTPAR1	305		3/6	
BBTLDCNB	I	TLOCLKN	310		3/6	
BBTRCKEB	I	TCKENAB	307		3/6	
BBTRSELA	I	TCKSELA	309		3/6	
BBTRSELB	I	TCKSELB	308		3/6	
BBTS4RIN	O	TS0RINT	224		3/6	
BBTS4TIN	O	TS0TINT	324		3/6	
BBTS5RIN	O	TS1RINT	223		3/6	
BBTS5TIN	O	TS1TINT	323		3/6	
BBTS6RIN	O	TS2RINT	222		3/6	
BBTS6TIN	O	TS2TINT	322		3/6	
BBTS7RIN	O	TS3RINT	221		3/6	
BBTS7TIN	O	TS3TINT	321		3/6	
BBULDCKB	I	RUNLOCKN	210		3/6	
BBXADDPH	IO	XADDPH	156		3/5	
BBXADDPL	IO	XADDPL	056		3/5	
BBXADDPU	OT	XADDPU	255		3/7	
BBXADD00	IO	XADD00	046		3/5	
BBXADD01	IO	XADD01	146		3/5	
BBXADD02	IO	XADD02	047		3/5	
BBXADD03	IO	XADD03	147		3/5	
BBXADD04	IO	XADD04	048		3/5	
BBXADD05	IO	XADD05	148		3/5	

SYMBOL NO. 8 (CONT)

MODULE MESSAGE PROCESSOR 2B

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2BB	04-168	TN858	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
BBXADD06	IO	XADD06	049		3/5	
BBXADD07	IO	XADD07	149		3/5	
BBXADD08	IO	XADD08	050		3/5	
BBXADD09	IO	XADD09	150		3/5	
BBXADD10	IO	XADD10	051		3/5	
BBXADD11	IO	XADD11	151		3/5	
BBXADD12	IO	XADD12	052		3/5	
BBXADD13	IO	XADD13	152		3/5	
BBXADD14	IO	XADD14	053		3/5	
BBXADD15	IO	XADD15	153		3/5	
BBXADD16	IO	XADD16	054		3/5	
BBXADD17	IO	XADD17	154		3/5	
BBXADD18	IO	XADD18	055		3/5	
BBXADD19	IO	XADD19	155		3/5	
BBXALPGE	I	XALMPGEO	020		3/5	
BBXCLK86	I	XCLK86	355		3/5	
BBXCLRES	I	XCLRESRO	133		3/5	
BBXCSWIN	I	XCSWINDO	143		3/5	
BBXC4MHZ	I	XCLK4MHZ	043		3/5	
BBXDATPL	IO	DATPARLO	254		3/5	
BBXDAT00	IO	BYDATA00	246		3/5	
BBXDAT01	IO	BYDATA01	346		3/5	
BBXDAT02	IO	BYDATA02	247		3/5	
BBXDAT03	IO	BYDATA03	347		3/5	
BBXDAT04	IO	BYDATA04	248		3/5	
BBXDAT05	IO	BYDATA05	348		3/5	
BBXDAT06	IO	BYDATA06	249		3/5	
BBXDAT07	IO	BYDATA07	349		3/5	
BBXDYRWS	I	XDYRWAT0	136		3/5	
BBXD86TR	I	XD86T1R0	140		3/5	
BBXFUNCN	I	XFUNCEN1	122		3/5	
BBXHDACK	I	XHLDACK0	139		3/5	
BBXIORDO	I	XIORDO	041		3/5	
BBXIOWTO	I	XIOWTO	141		3/5	
BBXLATCH	I	XLATCH0	135		3/5	
BBXMEMIO	I	XMEM1100	040		3/5	
BBXMEMRD	OT	XMEMRD	042		3/7	
BBXMEMWT	OT	XMEMWT	142		3/7	
BBX25CRB	I	X25CLKR	218		3/6	
BBX25CTB	I	X25CLKT	318		3/6	
BNCURPR	OT	-CURPR	012		3/2	
BPCURPR	OT	+CURPR	112		3/2	
B08TVLPA	I	TSTVETO	011			
B08TVLPB	O	X253.5	110			
	I	XX253.5M	010			
B08TVLPC	O	ENAWTBUF	109			
	I	ENWTBUF	009			
B08TVLPD	O	BRDRDO	108			
	I	BDRDO	008			
GRD04168	GRD	GRD	023			
	GRD	GRD	024			
	GRD	GRD	032			
	GRD	GRD	044			
	GRD	GRD	045			
	GRD	GRD	123			
	GRD	GRD	124			
	GRD	GRD	132			
	GRD	GRD	144			
	GRD	GRD	145			
	GRD	GRD	200			

SYMBOL NO. 8 (CONT)

MODULE MESSAGE PROCESSOR 2B

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MMP2BB	04-168	TN858	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	201			
	GRD	GRD	211			
	GRD	GRD	212			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	256			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	311			
	GRD	GRD	312			
	GRD	GRD	344			
	GRD	GRD	345			
	GRD	GRD	356			

PART OF FS 3
SYMBOL(S) 8

COPYRIGHT (c) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

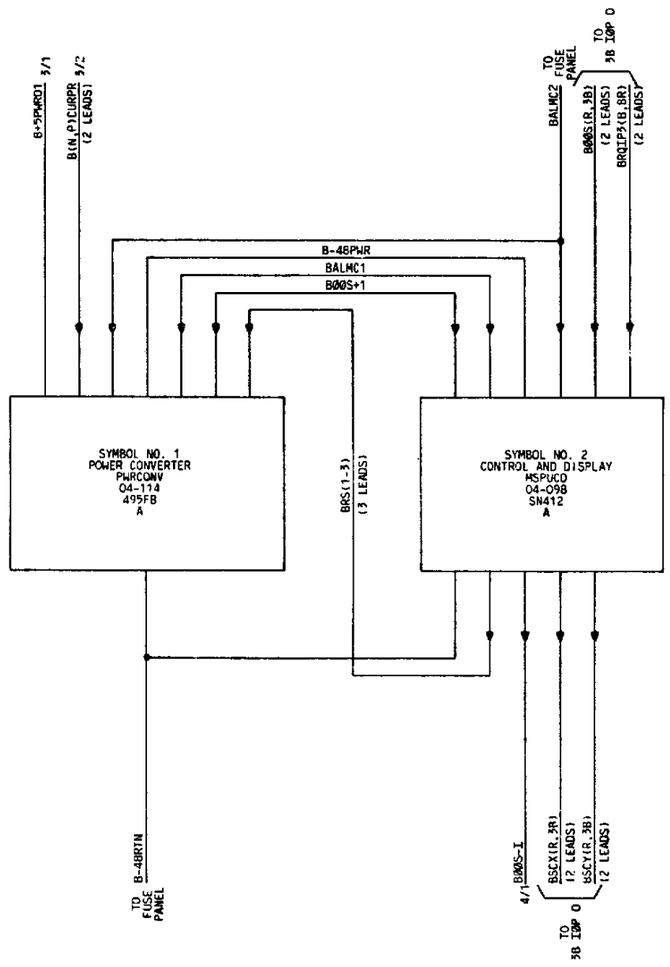
DWG SIZE: D2 | ISSUE: 2A

AT&T BELL LABORATORIES | SD-5D066-01 | B#3CG

PRINTED IN U.S.A.

PART OF FS 4

CONTROL AND DISPLAY - SIDE B
(P/O INTERCONNECTION & FLOW DIAGRAM)



SEE PROPRIETARY NOTICE ON COVER SHEET

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE: 6B	ISSUE: 1
AT&T BELL LABORATORIES	SD-5D066-01	B##4AA

PART OF FS 4

CONTROL AND DISPLAY - SIDE B

SYMBOL NO. 1

POWER CONVERTER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRCONV	04-114	495FB	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	INT	012			
	O	INT	112			
	I	RS4	010			
	I	RSRV	116			
	I	RSRV	120			
	I	RSRV	121			
B+5PWR01	PWR	SC(+)	019		3/1	
	PWR	VOUT1(+)	045		3/1	
	PWR	VOUT1(+)	046		3/1	
	PWR	VOUT1(+)	047		3/1	
	PWR	VOUT1(+)	048		3/1	
	PWR	VOUT1(+)	049		3/1	
	PWR	VOUT1(+)	050		3/1	
	PWR	VOUT1(+)	051		3/1	
	PWR	VOUT1(+)	052		3/1	
	PWR	VOUT1(+)	053		3/1	
	PWR	VOUT1(+)	054		3/1	
	PWR	VOUT1(+)	055		3/1	
	PWR	VOUT1(+)	056		3/1	
	PWR	VOUT1(+)	145		3/1	
	PWR	VOUT1(+)	146		3/1	
	PWR	VOUT1(+)	147		3/1	
	PWR	VOUT1(+)	148		3/1	
	PWR	VOUT1(+)	149		3/1	
	PWR	VOUT1(+)	150		3/1	
	PWR	VOUT1(+)	151		3/1	
	PWR	VOUT1(+)	152		3/1	
	PWR	VOUT1(+)	153		3/1	
	PWR	VOUT1(+)	154		3/1	
	PWR	VOUT1(+)	155		3/1	
	PWR	VOUT1(+)	156		3/1	
	PWR	VOUT1(+)	245		3/1	
	PWR	VOUT1(+)	246		3/1	
	PWR	VOUT1(+)	247		3/1	
	PWR	VOUT1(+)	248		3/1	
	PWR	VOUT1(+)	249		3/1	
	PWR	VOUT1(+)	250		3/1	
	PWR	VOUT1(+)	251		3/1	
	PWR	VOUT1(+)	252		3/1	
	PWR	VOUT1(+)	253		3/1	
	PWR	VOUT1(+)	254		3/1	
	PWR	VOUT1(+)	255		3/1	
	PWR	VOUT1(+)	256		3/1	
	PWR	VOUT1(+)	345		3/1	
	PWR	VOUT1(+)	346		3/1	
	PWR	VOUT1(+)	347		3/1	
	PWR	VOUT1(+)	348		3/1	
	PWR	VOUT1(+)	349		3/1	
	PWR	VOUT1(+)	350		3/1	
	PWR	VOUT1(+)	351		3/1	
	PWR	VOUT1(+)	352		3/1	
	PWR	VOUT1(+)	353		3/1	
	PWR	VOUT1(+)	354		3/1	
	PWR	VOUT1(+)	355		3/1	
	PWR	VOUT1(+)	356		3/1	
B-48PWR	PWR	VIN(-)	006		4/1	
	PWR	VIN(-)	007		4/1	
	PWR	VIN(-)	008		4/2 TO FUSE PANEL	
	PWR	VIN(-)	106		4/1	
	PWR	VIN(-)	107		4/1	

SYMBOL NO. 1 (CONT)

POWER CONVERTER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRCONV	04-114	495FB	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PWR	VIN(-)	108		4/1	
	PWR	VIN(-)	206		4/1	
	PWR	VIN(-)	207		4/1	
	PWR	VIN(-)	208		4/1	
	PWR	VIN(-)	306		4/1	
	PWR	VIN(-)	307		4/1	
	PWR	VIN(-)	308		4/1	
B-48RTN	GRD	VIN(+)	003		4/1	
	GRD	VIN(+)	004		4/1	
	GRD	VIN(+)	005		4/1	
	GRD	VIN(+)	102		4/2 TO FUSE PANEL	
	GRD	VIN(+)	103		4/1	
	GRD	VIN(+)	104		4/1	
	GRD	VIN(+)	203		4/1	
	GRD	VIN(+)	204		4/1	
	GRD	VIN(+)	205		4/1	
	GRD	VIN(+)	302		4/1	
	GRD	VIN(+)	303		4/1	
	GRD	VIN(+)	304		4/1	
BALMC1	I	ALM1	113		4/2	
BALMC2	I	ALM2	014		4/2	
BNCURPR	I	CP(+)	017		3/2	
BOOS+I	I	OOS(+)	015		4/2	
BOOS-I	OT	OOS(-)	115		4/2	
BPCURPR	I	CP(-)	117		3/2	
BRS1	I	RS1	011		4/2	
BRS2	I	RS2	110		4/2	
BRS3	I	RS3	109		4/2	
BRVS	O	SB(+)	118			
	I	SA(+)	018			
GRD04114	GRD	FRGRD	000			
	GRD	FRGRD	001			
	GRD	VOUT1(-)	032			
	GRD	VOUT1(-)	033			
	GRD	VOUT1(-)	034			
	GRD	VOUT1(-)	035			
	GRD	VOUT1(-)	036			
	GRD	VOUT1(-)	037			
	GRD	VOUT1(-)	038			
	GRD	VOUT1(-)	039			
	GRD	VOUT1(-)	040			
	GRD	VOUT1(-)	041			
	GRD	VOUT1(-)	042			
	GRD	VOUT1(-)	043			
	GRD	FRGRD	100			
	GRD	FRGRD	101			
	GRD	S(-)	119			
	GRD	VOUT1(-)	132			
	GRD	VOUT1(-)	133			
	GRD	VOUT1(-)	134			
	GRD	VOUT1(-)	135			
	GRD	VOUT1(-)	136			
	GRD	VOUT1(-)	137			
	GRD	VOUT1(-)	138			
	GRD	VOUT1(-)	139			
	GRD	VOUT1(-)	140			
	GRD	VOUT1(-)	141			
	GRD	VOUT1(-)	142			
	GRD	VOUT1(-)	143			
	GRD	FRGRD	200			

SYMBOL NO. 1 (CONT)

POWER CONVERTER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRCONV	04-114	495FB	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	FRGRD	201			
	GRD	VOUT1(-)	232			
	GRD	VOUT1(-)	233			
	GRD	VOUT1(-)	234			
	GRD	VOUT1(-)	235			
	GRD	VOUT1(-)	236			
	GRD	VOUT1(-)	237			
	GRD	VOUT1(-)	238			
	GRD	VOUT1(-)	239			
	GRD	VOUT1(-)	240			
	GRD	VOUT1(-)	241			
	GRD	VOUT1(-)	242			
	GRD	VOUT1(-)	243			
	GRD	FRGRD	300			
	GRD	FRGRD	301			
	GRD	VOUT1(-)	332			
	GRD	VOUT1(-)	333			
	GRD	VOUT1(-)	334			
	GRD	VOUT1(-)	335			
	GRD	VOUT1(-)	336			
	GRD	VOUT1(-)	337			
	GRD	VOUT1(-)	338			
	GRD	VOUT1(-)	339			
	GRD	VOUT1(-)	340			
	GRD	VOUT1(-)	341			
	GRD	VOUT1(-)	342			
	GRD	VOUT1(-)	343			

SYMBOL NO. 2

CONTROL AND DISPLAY

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPUCD	04-098	SN412	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	SCZ1	014			
	O	SCZO	015			
	O	SCZR	016			
	O	SCX1	017			
	O	SCX0	018			
	O	SCXR	019			
	O	TSTB	046			
	O	TSTIN	049			
	O	SCZR	055			
	O	SCY1	118			
	O	SCYO	119			
	O	SCYR	120			
	O	TSTA	146			
	O	SCZ3B	155			
	I	OOSO	010			
	I	OOS1	011			
	I	RQIP1	021			
	I	RQIPO	022			

SYMBOL NO. 2 (CONT)

CONTROL AND DISPLAY

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPUCD	04-098	SN41Z	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	FAS	045			
	I	OOSR	112			
	I	INH	114			
	I	FAS	121			
	I	ZRTN	149			
B-48PWR	PWR	-48	006		4/1	
	PWR	-48	007		4/1	
	PWR	-48	008		4/1	
	PWR	-48	106		4/1	
	PWR	-48	107		4/1	
	PWR	-48	108		4/1	
B-48RTN	GRD	-48RTN	003		4/1	
	GRD	-48RTN	004		4/1	
	GRD	-48RTN	102		4/1	
	GRD	-48RTN	103		4/1	
	GRD	-48RTN	104		4/1	
BALMC1	O	CARD	123		4/1	
	I	PINT	048		4/2	
BALMC2	I	AD	117		4/1 TO FUSE PANEL	
BOOS+I	:	OOSCONV	111		4/1	
BOOS-I	OT	OOS48P	109		4/1	
BOOSR	I	OOSR	051		TO 3B10P0	
BOOS3B	I	OOS3B	151		TO 3B10P0	
BRQIP3B	I	RQIP3B	152		TO 3B10P0	
BRQIP3BR	I	RQIP3BR	052		4/1	
BRS1	O	S1	124		4/1	
BRS2	O	S2	122		4/1	
BRS3	O	S3	009		TO 3B10P0	
BSCXR	O	SCXR	054		TO 3B10P0	
BSCX3B	O	SCX3B	154		TO 3B10P0	
BSCYR	O	SCYR	053		TO 3B10P0	
BSCY3B	O	SCY3B	153			

PART OF FS 4

SYMBOL(S) 1 2

COPYRIGHT (c) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE	ISSUE
C2	2A

AT&T BELL LABORATORIES | SD-5D066-01 | B#4CA

PRINTED IN U.S.A.

APP FIG 1

WIRING AS PER FS 1-4

SEE PROPRIETARY NOTICE ON COVER SHEET

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE 6S	ISSUE 1
AT&T BELL LABORATORIES	SD-5D066-01	C##1

APP FIG. 2

CIRCUIT PACK

EQPT LOC	04-008		04-024		EQPT LOC
DESIG	MSPUCD		PWRCONV		DESIG
CODE	SN412		495FB		CODE
OPTION					OPTION
ELEM IDENT		CKT		CKT	ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		2/2		2/1	A

APP FIG. 3

CIRCUIT PACK

EQPT LOC	04-098		04-114		EQPT LOC
DESIG	MSPUCD		PWRCONV		DESIG
CODE	SN412		495FB		CODE
OPTION					OPTION
ELEM IDENT		CKT		CKT	ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		4/2		4/1	A

(4) APP FIG. 4

CIRCUIT PACK

EQPT LOC	04-042		04-056		EQPT LOC
DESIG	MMP2AA		MMP1A		DESIG
CODE	TN858		UN170B		CODE
OPTION					OPTION
ELEM IDENT		CKT		CKT	ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/3		1/2	A

BTR

OPTION	DESIG	FS/SYM	CODE
	BTR1	1/9	ED4C222-30,G18

APP FIG. 5

CIRCUIT PACK

EQPT LOC	04-036		EQPT LOC
DESIG	MSPPA/PPC		DESIG
CODE	MC5D036A1B		CODE
OPTION			OPTION
ELEM IDENT		CKT	ELEM IDENT
CKT	DESIG	FS/SYM	CKT
A		1/1	A

BTR

OPTION	DESIG	FS/SYM	CODE
	BTR2	1/10	ED4C222-30,G19

APP FIG. 6

CIRCUIT PACK

EQPT LOC	04-050		EQPT LOC
DESIG	MMP28A		DESIG
CODE	TN858		CODE
OPTION			OPTION
ELEM IDENT		CKT	ELEM IDENT
CKT	DESIG	FS/SYM	CKT
A		1/4	A

APP FIG. 7

CIRCUIT PACK

EQPT LOC	04-126		04-132		04-146		EQPT LOC
DESIG	MSPPA		MMP2AA		MMP1A		DESIG
CODE	MC5D036A1B		TN858		UN170B		CODE
OPTION							OPTION
ELEM IDENT		CKT		CKT		CKT	ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		3/1		3/3		3/2	A

BTR

OPTION	DESIG	FS/SYM	CODE
	BTR1	3/9	ED4C222-30,G18
	BTR2	3/10	ED4C222-30,G19

COPYRIGHT(C) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE C2 | ISSUE 2A

AT&T BELL LABORATORIES | SD-5D066-01 | C#2

PRINTED IN U.S.A.

APP FIG. 8

CIRCUIT PACK

EQPT LOC	04-140		EQPT LOC
DESIG	MMP2BA		DESIG
CODE	TN856		CODE
OPTION			OPTION
ELEM IDENT	CKT		ELEM IDENT

CKT	DESIG	FS/SYM	CKT
A		3/4	A

(9) APP FIG. 9

CIRCUIT PACK

EQPT LOC	04-070	04-084	EQPT LOC
DESIG	MMP2AB	MMP1B	DESIG
CODE	TN858	UN170B	CODE
OPTION			OPTION
ELEM IDENT	CKT	CKT	ELEM IDENT

CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/7		1/6	A

APP FIG. 10

CIRCUIT PACK

EQPT LOC	04-064	EQPT LOC
DESIG	MSPP8/FPC	DESIG
CODE	MC5D036A1B	CODE
OPTION		OPTION
ELEM IDENT	CKT	ELEM IDENT

CKT	DESIG	FS/SYM	CKT
A		1/5	A

APP FIG. 11

CIRCUIT PACK

EQPT LOC	04-078		EQPT LOC
DESIG	MMP2BB		DESIG
CODE	TN858		CODE
OPTION			OPTION
ELEM IDENT	CKT		ELEM IDENT

CKT	DESIG	FS/SYM	CKT
A		1/8	A

APP FIG. 12

CIRCUIT PACK

EQPT LOC	04-154	04-160	04-174	EQPT LOC
DESIG	MSPP8	MMP2AB	MMP1B	DESIG
CODE	MC5D036A1B	TN858	UN170B	CODE
OPTION				OPTION
ELEM IDENT	CKT	CKT	CKT	ELEM IDENT

CKT	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		3/5		3/7		3/6	A

APP FIG. 13

CIRCUIT PACK

EQPT LOC	04-168	EQPT LOC
DESIG	MMP2BB	DESIG
CODE	TN858	CODE
OPTION		OPTION
ELEM IDENT	CKT	ELEM IDENT

CKT	DESIG	FS/SYM	CKT
A		3/8	A

(14) APP FIG. 14

CIRCUIT PACK

EQPT LOC	04-042	04-070	EQPT LOC
DESIG	PPC	FPC	DESIG
CODE	TN886	MC5D039A1	CODE
OPTION			OPTION
ELEM IDENT	CKT	CKT	ELEM IDENT

CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/3		1/7	A

COPYRIGHT(C) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE C2 | ISSUE 2A

AT&T BELL LABORATORIES | SD-5D066-01 | C#3

PRINTED IN U.S.A.

CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
MSPU2	5	-48V	SIDE

BATTERY SYMBOL	VOLTAGE RANGE
-48	-47.75 TO 52.5

102. (REFER TO NOTE 201)

103. EQUIPMENT LOCATIONS 04-030 AND 04-120 ARE WIRED FOR I/O MESSAGE INTERFACE CONNECTIONS ONLY (CADS 004, 005,006,007,023,024,025 AND 0261. CIRCUIT PACKS ARE NOT EQUIPPED AT THESE LOCATIONS.

EQUIPMENT NOTES:

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

202. ALL PRINTED WIRE CONNECTIONS ARE SPECIFIED BY ED50193-30.

SEE PROPRIETARY NOTICE ON COVER SHEET

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE: 68

ISSUE: 1

AT&T BELL LABORATORIES | SD-5D066-01 | D1

INFORMATION NOTES:

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

302.

FEATURE OR OPTION			PROVIDE		
			APP FIG.	APP OR WRG	QUANTITY
WIRING EQUIPMENT FOR 1 MESSAGE SWITCH PROCESSOR UNIT EQUIPPED WITH POWER UNIT AND A CONTROL & DISPLAY PACK.			1,2		1 PER UNIT
APPARATUS REQUIRED IN ADDITION TO APP FIG. 1 & 2 TO PROVIDE MODULE MESSAGE PROCESSOR CIRCUIT PACKS FOR RSM'S.	RSM'S	1-4	3,4 5,7		1 PER UNIT
		5-8	6,8		1 PER UNIT
		9-12	9,10, 12		1 PER UNIT
		13-16	11,13		
APPARATUS TO PROVIDE FOUNDATION PERIPHERAL CONTROLLERS AND FAST PUMP CAPABILITIES FOR MULTI-MODULE OFFICES ONLY.			5,10, 14		1 PER UNIT

303.

RECORD OF APP FIGURES, WIRING AND APPARATUS CHANGES						
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN.	SEE NOTE	USE IN CIRCUIT		
				STD	A&M	MD

304.

CIRCUIT PACK CODE OR MICROCODE	CLEI
MC5D039A1	E5MQ34MA
MC5D066A1	E5MQ37KA
SN412	E5PQ06CA
TN858	E5MQ34FA
TN886	E5MQ34KA
UN170B	E5MQ32AA
495FB	PWPQ54CA

INFORMATION NOTES (CONT):

305. APP FIGURE 14 WILL NEVER BE EQUIPPED IN THE SAME UNIT WITH APP FIGURE 3.

306. SD-5D066-01 OF THE MESSAGE SWITCH PROCESSOR UNIT-MODEL 2 (MSPU2) WAS DESIGNED AS A MULTIUSE UNIT. CIRCUIT PACK POPULATION WILL VARY DEPENDING UPON UNIT FUNCTION.

SEE PROPRIETARY NOTICE ON COVER SHEET

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE: 85 | ISSUE: |

AT&T BELL LABORATORIES | SD—5D066-01 | D#1

INFORMATION NOTES (CONT):

307. THE FOLLOWING CHART PROVIDES CIRCUIT PACK POPULATING SEQUENCE FOR UNIT GROWTH.

RSM'S SERVICED	SN412	495FB	VACANT	MSPPA TN856	MMP2AA TN858	MMP2BA TN858	MMP1A UN170B	MSPPB TN856	MSP2AB TN858	MSP2BB TN858	MSP1B UN170B	SN412	495FB	VACANT	MSPPA TN856	MMP2AA TN858	MMP2BA TN858	MMP1A UN170B	MSPPB TN856	MMP2AB TN858	MMP2BB TN858	MMP1B UN170B
1-4	2			5	4		4					3			7			7				
5-8						6											8					
9-12								10	9		9								12			12
13-16										11											13	
	008	024	050	036	042	050	056	064	070	078	084	098	114	120	126	132	140	146	154	160	168	174
								5 BTR2			4 BTR1								7 BTR2			7 BTR1

308. A MESSAGE SWITCH PROCESSOR UNIT (MODEL 2) HOUSING FOR THE FOUNDATION PERIPHERAL CONTROLLER AND PUMP PERIPHERAL CONTROLLER UNITS WILL ALWAYS BE EQUIPPED AS FOLLOWS:

SN412	495FB	TN856	TN886	TN856	UN173
2		5	14	10	14
		PUMP PERIPHERAL CONTROLLER UNIT		FOUNDATION PERIPHERAL CONTROLLER UNIT	
008	024	036	042	064	070

SEE PROPRIETARY NOTICE ON COVER SHEET

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE: 6S | ISSUE: 1

AT&T BELL LABORATORIES | SD-5D066-01 | SHEET D#2

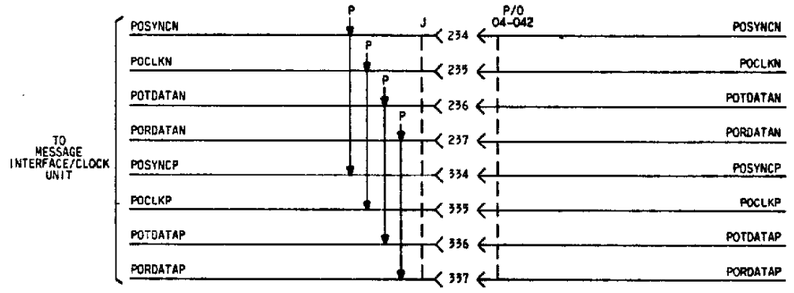
NOTES:

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

CAD 002

MESSAGE INTERFACE BUS-SIDE 0

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-042	JACK/CP	.....			
TO MESSAGE INTERFACE/CLOCK UNIT	POSYNCN		P000	234	POSYNCN				
	POCLKN		P001	235	POCLKN				
	POTDATAN		P002	236	POTDATAN				
	PORDATAN		P003	237	PORDATAN				
	POSYNCP		P000	334	POSYNCP				
	POCLKP		P001	335	POCLKP				
	POTDATAP		P002	336	POTDATAP				
	PORDATAP		P003	337	PORDATAP				



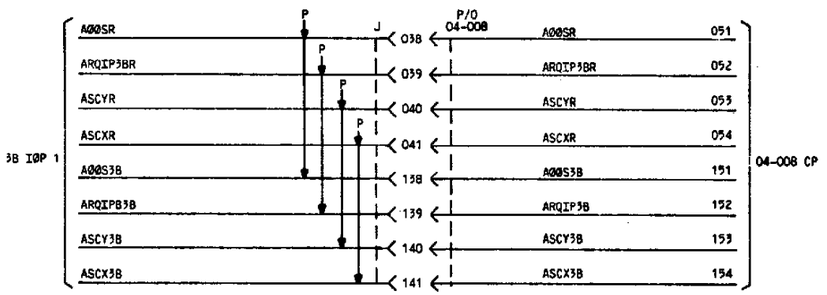
NOTES (CONT):

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

CAD 012

SCAN AND DISTRIBUTE-SIDE 1

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-008	JACK/CPTF	.....			
TO 3BIOP1	A@@SR		P000	038	A@@SR	04-008 CP	051		
	ARQIP3BR		P001	039	ARQIP3BR	04-008 CP	052		
	ASCYR		P002	040	ASCYR	04-008 CP	053		
	ASCXR		P003	041	ASCXR	04-008 CP	054		
	A@@S3B		P000	138	A@@S3B	04-008 CP	151		
	ARQIP3B		P001	139	ARQIP3B	04-008 CP	152		
	ASCY3B		P002	140	ASCY3B	04-008 CP	153		
	ASCX3B		P003	141	ASCX3B	04-008 CP	154		



Copyright © 1986 AT&T
All Rights Reserved

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE B0	ISSUE 2A
AT&T BELL LABORATORIES	SD-50066-01	GB1A

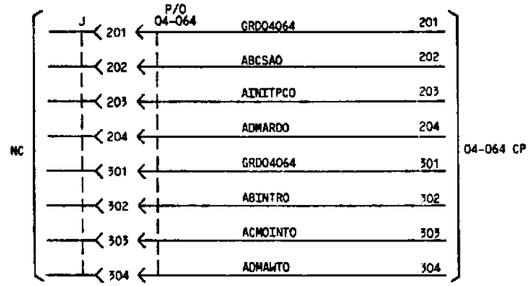
NOTES (CONT):

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

CAD 014

BUS TERMINATING RESISTORS

TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-064	BTR-CP	.....			
NC				201	GRD04064	04-064	CP 201		
NC				202	ABCSAO	04-064	CP 202		
NC				203	AINITPCO	04-064	CP 203		
NC				204	ADMARDO	04-064	CP 204		
NC				301	GRD04064	04-064	CP 301		
NC				302	ABINTRO	04-064	CP 302		
NC				303	ACMDINTO	04-064	CP 303		
NC				304	ADMAWTO	04-064	CP 304		

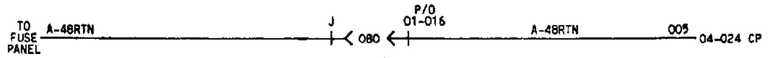


4. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT OF THE TABULAR PRESENTATION.

CAD 018

-48 POWER AND RETURN

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				01-019	LUG	.....			
TO FUSE PANEL	A-48RTN			080	A-48RTN	04-024	CP 005		



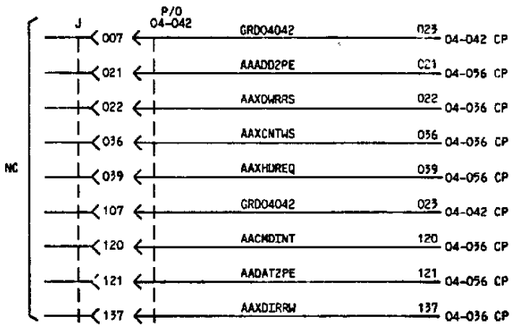
NOTES (CONT):

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

CAD 019

STAGING POINTS

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-042	JACK/TF	.....			
NC				007	GRD04042	04-042	CP 023		
NC				021	AAADD2PE	04-056	CP 021		
NC				022	AAXPHRRS	04-056	CP 022		
NC				036	AAXCNTWS	04-056	CP 036		
NC				039	AAXHDREQ	04-056	CP 039		
NC				107	GRD04042	04-042	CP 023		
NC				120	AACMDINT	04-056	CP 120		
NC				121	AADAT2PE	04-056	CP 121		
NC				137	AAXDIRRW	04-036	CP 137		



Copyright © 1988 AT&T
All Rights Reserved

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE: A3 | ISSUE: 2A

AT&T BELL LABORATORIES | SD-5D066-01 | GB18

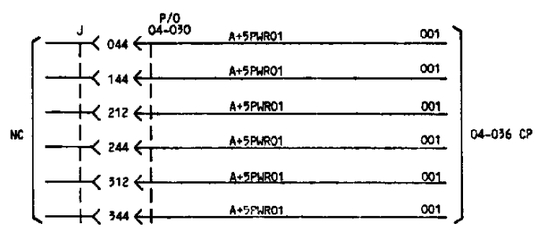
NOTES (CONT):

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

CAD 020

SPARE POWER AND GROUNDS

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-030	TF	.....			
	NC			044	A+5PWR01	04-036 CP	001		
	NC			144	A+5PWR01	04-036 CP	001		
	NC			212	A+5PWR01	04-036 CP	001		
	NC			244	A+5PWR01	04-036 CP	001		
	NC			312	A+5PWR01	04-036 CP	001		
	NC			344	A+5PWR01	04-036 CP	001		

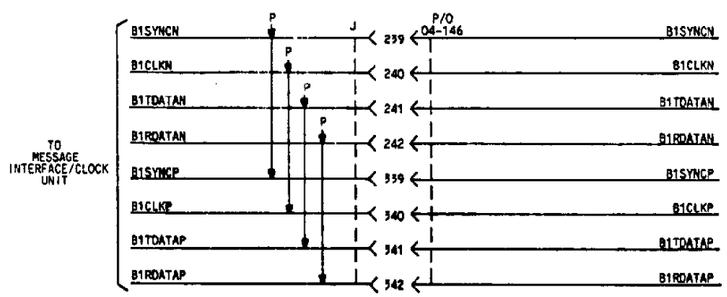


7. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT OF THE TABULAR PRESENTATION.

CAD 022

MESSAGE INTERFACE BUS-SIDE 1

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-146	JACK/CP	.....			
TO MESSAGE INTERFACE/CLOCK UNIT	B1SYNCN		P000	239	B1SYNCN				
	B1CLKN		P001	240	B1CLKN				
	B1TDATAN		P002	241	B1TDATAN				
	B1RDATAN		P003	242	B1RDATAN				
	B1SYNCP		P000	339	B1SYNCP				
	B1CLKP		P001	340	B1CLKP				
	B1TDATAP		P002	341	B1TDATAP				
	B1RDATAP		P003	342	B1RDATAP				



Copyright © 1986 AT&T
All Rights Reserved

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE: B8	ISSUE: 2A
AT&T BELL LABORATORIES	SD-5D066-01	GBIC

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

A

MESSAGE INTERFACE BUS

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
A0CLKN	I	04-056-235	04-056-235	1/2	
A0CLKP	I	04-056-335	04-056-335	1/2	
A0RDATAN	I	04-056-237	04-056-237	1/2	
A0RDATAP	I	04-056-337	04-056-337	1/2	
A0SYNCN	I	04-056-234	04-056-234	1/2	
A0SYNCP	I	04-056-334	04-056-334	1/2	
A0TDATAN	O	04-056-236	04-056-236	1/2	
A0TDATAP	O	04 056-336	04-056-336	1/2	
A1CLKN	I	04-056-240	04-056-240	1/2	
A1CLKP	I	04-056-340	04-056-340	1/2	
A1RDATAN	I	04-056-242	04-056-242	1/2	
A1RDATAP	I	04-056-342	04-056-342	1/2	
A1SYNCN	I	04-056-239	04-056-239	1/2	
A1SYNCP	I	04-056-339	04-056-339	1/2	
A1TDATAN	O	04-056-241	04-056-241	1/2	
A1TDATAP	O	04-056-341	04-056-341	1/2	
B0CLKN	I	04-146-235	04-146-235	3/2	
B0CLKP	I	04-146-335	04-146-335	3/2	
B0RDATAN	I	04-146-237	04-146-237	3/2	
B0RDATAP	I	04-146-337	04-146-337	3/2	
B0SYNCN	I	04-146-234	04-146-234	3/2	
B0SYNCP	I	04-146-334	04-146-334	3/2	
B0TDATAN	O	04-146-236	04-146-236	3/2	
B0TDATAP	O	04-146-336	04-146-336	3/2	
B1CLKN	I	04-146-240	04-146-240	3/2	
B1CLKP	I	04-146-340	04-146-340	3/2	
B1RDATAN	I	04-146-242	04-146-242	3/2	
B1RDATAP	I	04-146-342	04-146-342	3/2	
B1SYNCN	I	04-146-239	04-146-239	3/2	
B1SYNCP	I	04-146-339	04-146-339	3/2	
B1TDATAN	O	04-146-241	04-146-241	3/2	
B1TDATAP	O	04-146-341	04-146-341	3/2	
P0CLKN	O	04-042-235	04-042-235	1/3	
P0CLKP	O	04-042-335	04-042-335	1/3	
P0RDATAN	I	04-042-237	04-042-237	1/3	
P0RDATAP	I	04-042-337	04-042-337	1/3	
P0SYNCN	O	04-042-234	04-042-234	1/3	
P0SYNCP	O	04-042-334	04-042-334	1/3	
P0TDATAN	O	04-042-236	04-042-236	1/3	
P0TDATAP	O	04-042-336	04-042-336	1/3	
P1CLKN	I	04-042-240	04-042-240	1/3	
P1CLKP	I	04-042-340	04-042-340	1/3	
P1RDATAN	I	04-042-242	04-042-242	1/3	
P1RDATAP	I	04-042-342	04-042-342	1/3	
P1SYNCN	I	04-042-239	04-042-239	1/3	
P1SYNCP	I	04-042-339	04-042-339	1/3	
P1TDATAN	O	04-042-241	04-042-241	1/3	
P1TDATAP	O	04-042-341	04-042-341	1/3	

ELEMENT IDENTIFIER

B

I/O MICROPROCESSOR INTERFACE BUS

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
A-SPWR01	P	04-030-006	04-036-001	1/1	
AACSA0	O	04-030-016	04-036-202	1/1	
AAERR0	O	04-030-007	04-036-102	1/1	
AAINTR0	O	04-030-322	04-036-302	1/1	
AAPCSEL0	I	04-030-103	04-036-305	1/1	
AASR0	O	04-030-122	04-036-002	1/1	
ABCSA0	O	04-030-017	04-064-202	1/5	
ABERR0	O	04-030-008	04-064-102	1/5	
ABINTR0	O	04-030-222	04-064-302	1/5	
ABPCSEL0	I	04-030-104	04-064-305	1/5	
ABSR0	O	04-030-022	04-064-002	1/5	
ACMDINT0	I	04-030-120	04-036-303	1/1	
ADMAAD00	I	04-030-303	04-036-009	1/1	
ADMAAD01	I	04-030-203	04-036-109	1/1	
ADMAAD02	I	04-030-304	04-036-010	1/1	
ADMAAD03	I	04-030-204	04-036-110	1/1	
ADMAAD04	I	04-030-305	04-036-011	1/1	
ADMAAD05	I	04-030-205	04-036-111	1/1	
ADMAAD06	I	04-030-306	04-036-013	1/1	
ADMAAD07	I	04-030-206	04-036-113	1/1	
ADMAAD08	I	04-030-307	04-036-014	1/1	
ADMAAD09	I	04-030-207	04-036-114	1/1	
ADMAAD10	I	04-030-308	04-036-015	1/1	
ADMAAD11	I	04-030-208	04-036-115	1/1	
ADMAAD12	I	04-030-309	04-036-016	1/1	
ADMAAD13	I	04-030-209	04-036-116	1/1	
ADMAAD14	I	04-030-310	04-036-017	1/1	
ADMAAD15	I	04-030-210	04-036-117	1/1	
ADMADAP1	IO	04-030-320	04-036-205	1/1	
ADMADA00	IO	04-030-316	04-036-005	1/1	
ADMADA01	IO	04-030-216	04-036-105	1/1	
ADMADA02	IO	04-030-317	04-036-006	1/1	
ADMADA03	IO	04-030-217	04-036-106	1/1	
ADMADA04	IO	04-030-318	04-036-007	1/1	
ADMADA05	IO	04-030-218	04-036-107	1/1	
ADMADA06	IO	04-030-319	04-036-008	1/1	
ADMADA07	IO	04-030-219	04-036-108	1/1	
ADMAOPC0	I	04-030-118	04-036-104	1/1	
ADMARD0	I	04-030-117	04-036-204	1/1	
ADMAREQ0	I	04-030-119	04-036-004	1/1	
ADMAWT0	I	04-030-116	04-036-304	1/1	
AINITPC0	I	04-030-220	04-036-203	1/1	
ARISOL0	I	04-030-121	04-036-103	1/1	
ASISOL0	I	04-030-021	04-036-003	1/1	
B-SPWR01	P	04-120-006	04-126-001	3/1	
BACSA0	O	04-120-016	04-126-202	3/1	
BAERR0	O	04-120-007	04-126-102	3/1	
BAINTR0	O	04-120-322	04-126-302	3/1	
BAPCSEL0	I	04-120-103	04-126-305	3/1	
BASR0	O	04-120-122	04-126-002	3/1	
BBCSA0	O	04-120-017	04-154-202	3/5	
BBERR0	O	04-120-008	04-154-102	3/5	
BBINTR0	O	04-120-222	04-154-302	3/5	
BBPCSEL0	I	04-120-104	04-154-305	3/5	
BBSR0	O	04-120-022	04-154-002	3/5	
BDMDINT0	I	04-120-120	04-126-303	3/1	
BDMAAD00	I	04-120-303	04-126-009	3/1	
BDMAAD01	I	04-120-203	04-126-109	3/1	
BDMAAD02	I	04-120-304	04-126-010	3/1	
BDMAAD03	I	04-120-204	04-126-110	3/1	
BDMAAD04	I	04-120-305	04-126-011	3/1	
BDMAAD05	I	04-120-205	04-126-111	3/1	
BDMAAD06	I	04-120-306	04-126-013	3/1	
BDMAAD07	I	04-120-206	04-126-113	3/1	
BDMAAD08	I	04-120-307	04-126-014	3/1	
BDMAAD09	I	04-120-207	04-126-114	3/1	

ELEMENT IDENTIFIER (CONT)

B

I/O MICROPROCESSOR INTERFACE BUS

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
BDMAAD10	I	04-120-308	04-126-015	3/1	
BDMAAD11	I	04-120-208	04-126-115	3/1	
BDMAAD12	I	04-120-309	04-126-016	3/1	
BDMAAD13	I	04-120-209	04-126-116	3/1	
BDMAAD14	I	04-120-310	04-126-017	3/1	
BDMAAD15	I	04-120-210	04-126-117	3/1	
BDMADAP1	IO	04-120-320	04-126-205	3/1	
BDMADA00	IO	04-120-316	04-126-005	3/1	
BDMADA01	IO	04-120-216	04-126-105	3/1	
BDMADA02	IO	04-120-317	04-126-006	3/1	
BDMADA03	IO	04-120-217	04-126-106	3/1	
BDMADA04	IO	04-120-318	04-126-007	3/1	
BDMADA05	IO	04-120-218	04-126-107	3/1	
BDMADA06	IO	04-120-319	04-126-008	3/1	
BDMADA07	IO	04-120-219	04-126-108	3/1	
BDMAOPC0	I	04-120-118	04-126-104	3/1	
BDMARD0	I	04-120-117	04-126-204	3/1	
BDMAREQ0	I	04-120-119	04-126-004	3/1	
BDMAWT0	I	04-120-116	04-126-304	3/1	
BINITPC0	I	04-120-020	04-126-203	3/1	
BRISOL0	I	04-120-121	04-126-103	3/1	
BSISOL0	I	04-120-021	04-126-003	3/1	
GRD04036		04-030-011			
GRD04036		04-030-100			
GRD04036		04-030-000			
GRD04036		04-030-324			
GRD04036		04-030-211			
GRD04036		04-030-300			
GRD04036		04-030-311			
GRD04036		04-030-213			
GRD04036		04-030-224			
GRD04036		04-030-313			
GRD04036		04-030-124			
GRD04036		04-030-200			
GRD04036		04-030-111			
GRD04036		04-030-013			
GRD04036		04-030-024			
GRD04036		04-030-113			
GRD04126	G	04-120-013	04-126-356	3/1	
GRD04126	G	04-120-011	04-126-356	3/1	
GRD04126	G	04-120-100	04-126-356	3/1	
GRD04126	G	04-120-000	04-126-356	3/1	
GRD04126	G	04-120-311	04-126-356	3/1	
GRD04126	G	04-120-213	04-126-356	3/1	
GRD04126	G	04-120-224	04-126-356	3/1	
GRD04126	G	04-120-313	04-126-356	3/1	
GRD04126	G	04-120-324	04-126-356	3/1	
GRD04126	G	04-120-200	04-126-356	3/1	
GRD04126	G	04-120-300	04-126-356	3/1	
GRD04126	G	04-120-211	04-126-356	3/1	
GRD04126	G	04-120-124	04-126-356	3/1	
GRD04126	G	04-120-024	04-126-356	3/1	
GRD04126	G	04-120-113	04-126-356	3/1	
GRD04126	G	04-120-111	04-126-356	3/1	
SPARE01	I	04-030-003			
SPARE02	I	04-030-004			
SPARE03	I	04-030-005			
SPARE04	I	04-030-009			
SPARE05	I	04-030-010			
SPARE06	I	04-030-105			
SPARE07	I	04-030-106			
SPARE08	I	04-030-107			
SPARE09	I	04-030-108			
SPARE10	I	04-030-109			
SPARE11	I	04-030-110			
SPARE12	I	04-030-018			

ELEMENT IDENTIFIER (CONT)

B

I/O MICROPROCESSOR INTERFACE BUS

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
SPARE13	I	04-030-019			
SPARE14	I	04-030-023			
SPARE15	I	04-030-123			
SPARE16	I	04-030-220			
SPARE17	I	04-030-221			
SPARE18	I	04-030-223			
SPARE19	I	04-030-321			
SPARE20	I	04-030-323			
SPARE21	I	04-120-003			
SPARE22	I	04-120-004			
SPARE23	I	04-120-005			
SPARE24	I	04-120-009			
SPARE25	I	04-120-010			
SPARE26	I	04-120-105			
SPARE27	I	04-120-106			
SPARE28	I	04-120-107			
SPARE29	I	04-120-108			
SPARE30	I	04-120-109			
SPARE31	I	04-120-110			
SPARE32	I	04-120-018			
SPARE33	I	04-120-019			
SPARE34	I	04-120-023			
SPARE35	I	04-120-123			
SPARE36	I	04-120-220			
SPARE37	I	04-120-221			
SPARE38	I	04-120-223			
SPARE39	I	04-120-321			
SPARE40	I	04-120-323			

COPYRIGHT (c) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE D2

ISSUE 2A

AT&T BELL LABORATORIES

SD-5D066-01

GB2

PRINTED IN U.S.A.

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

C

CONTROL AND DIAGNOSTIC ACCESS

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
0ACCDALR	O	04-070-423	04-070-423	1/7	
0ACTCDAL	O	04-070-523	04-070-523	1/7	
0DATVAL0	O	04-070-417	04-070-417	1/7	
0DATVAL1	O	04-070-517	04-070-517	1/7	
0LIINT10	I	04-070-521	04-070-521	1/7	
0LIINT11	I	04-070-421	04-070-421	1/7	
0LISEL0	O	04-070-415	04-070-415	1/7	
0LISEL1	O	04-070-515	04-070-515	1/7	
0MIINT10	I	04-070-533	04-070-533	1/7	
0MIINT11	I	04-070-433	04-070-433	1/7	
0MISEL0	O	04-070-535	04-070-535	1/7	
0MISEL1	O	04-070-435	04-070-435	1/7	
0NCKIT10	I	04-070-520	04-070-520	1/7	
0NCKIT11	I	04-070-420	04-070-420	1/7	
0NCKSEL0	O	04-070-414	04-070-414	1/7	
0NCKSEL1	O	04-070-514	04-070-514	1/7	
0RCVDAT0	I	04-070-418	04-070-418	1/7	
0RCVDAT1	I	04-070-518	04-070-518	1/7	
0SACDALR	I	04-070-422	04-070-422	1/7	
0STACDAL	I	04-070-522	04-070-522	1/7	
0TMSIT10	I	04-070-534	04-070-534	1/7	
0TMSIT11	I	04-070-434	04-070-434	1/7	
0TMSRDY0	I	04-070-437	04-070-437	1/7	
0TMSRDY1	I	04-070-537	04-070-537	1/7	
0TMSRST0	O	04-070-532	04-070-532	1/7	
0TMSRST1	O	04-070-432	04-070-432	1/7	
0TMSSEL0	O	04-070-536	04-070-536	1/7	
0TMSSEL1	O	04-070-436	04-070-436	1/7	
0TMSSR0	I	04-070-524	04-070-524	1/7	
0TMSSR1	I	04-070-424	04-070-424	1/7	
0TRCLK0	O	04-070-416	04-070-416	1/7	
0TRCLK1	O	04-070-516	04-070-516	1/7	
0TRMDAT0	O	04-070-419	04-070-419	1/7	
0TRMDAT1	O	04-070-519	04-070-519	1/7	
1ACCDALR	O	04-070-455	04-070-455	1/7	
1ACTCDAL	O	04-070-555	04-070-555	1/7	
1DATVAL0	O	04-070-449	04-070-449	1/7	
1DATVAL1	O	04-070-549	04-070-549	1/7	
1LIINT10	I	04-070-553	04-070-553	1/7	
1LIINT11	I	04-070-453	04-070-453	1/7	
1LISEL0	O	04-070-447	04-070-447	1/7	
1LISEL1	O	04-070-547	04-070-547	1/7	
1MIINT10	I	04-070-539	04-070-539	1/7	
1MIINT11	I	04-070-439	04-070-439	1/7	
1MISEL0	O	04-070-541	04-070-541	1/7	
1MISEL1	O	04-070-441	04-070-441	1/7	
1NCKIT10	I	04-070-552	04-070-552	1/7	
1NCKIT11	I	04-070-452	04-070-452	1/7	
1NCKSEL0	O	04-070-446	04-070-446	1/7	
1NCKSEL1	O	04-070-546	04-070-546	1/7	
1RCVDAT0	I	04-070-450	04-070-450	1/7	
1RCVDAT1	I	04-070-550	04-070-550	1/7	
1SACDALR	I	04-070-454	04-070-454	1/7	
1STACDAL	I	04-070-554	04-070-554	1/7	
1TMSIT10	I	04-070-540	04-070-540	1/7	
1TMSIT11	I	04-070-440	04-070-440	1/7	
1TMSRDY0	I	04-070-443	04-070-443	1/7	
1TMSRDY1	I	04-070-543	04-070-543	1/7	
1TMSRST0	O	04-070-538	04-070-538	1/7	
1TMSRST1	O	04-070-438	04-070-438	1/7	
1TMSSEL0	O	04-070-542	04-070-542	1/7	
1TMSSEL1	O	04-070-442	04-070-442	1/7	
1TMSSR0	I	04-070-556	04-070-556	1/7	
1TMSSR1	I	04-070-456	04-070-456	1/7	
1TRCLK0	O	04-070-448	04-070-448	1/7	
1TRCLK1	O	04-070-548	04-070-548	1/7	

ELEMENT IDENTIFIER (CONT)

C

CONTROL AND DIAGNOSTIC ACCESS

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
1TRMDAT0	O	04-070-451	04-070-451	1/7	
1TRMDAT1	O	04-070-551	04-070-551	1/7	

ELEMENT IDENTIFIER

D

SCAN AND DISTRIBUTE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
A00SR	I	04-008-038	04-008-051	2/2	
A00SR	I	04-008-051	04-008-051	2/2	
A00S3B	I	04-008-138	04-008-151	2/2	
A00S3B	I	04-008-151	04-008-151	2/2	
AR01P3B	I	04-008-139	04-008-152	2/2	
AR01P3B	I	04-008-152	04-008-152	2/2	
AR01P3BR	I	04-008-039	04-008-052	2/2	
AR01P3BR	I	04-008-052	04-008-052	2/2	
ASCXR	O	04-008-054	04-008-054	2/2	
ASCXR	O	04-008-041	04-008-054	2/2	
ASCX3B	O	04-008-141	04-008-154	2/2	
ASCX3B	O	04-008-154	04-008-154	2/2	
ASCYR	O	04-008-040	04-008-053	2/2	
ASCYR	O	04-008-053	04-008-053	2/2	
ASCY3B	O	04-008-153	04-008-153	2/2	
ASCY3B	O	04-008-140	04-008-153	2/2	
B00SR	I	04-098-051	04-098-051	4/2	
B00SR	I	04-098-038	04-098-051	4/2	
B00S3B	I	04-098-138	04-098-151	4/2	
B00S3B	I	04-098-151	04-098-151	4/2	
BR01P3B	I	04-098-139	04-098-152	4/2	
BR01P3B	I	04-098-152	04-098-152	4/2	
BR01P3BR	I	04-098-052	04-098-052	4/2	
BR01P3BR	I	04-098-039	04-098-052	4/2	
BSCXR	O	04-098-041	04-098-054	4/2	
BSCXR	O	04-098-054	04-098-054	4/2	
BSCX3B	O	04-098-154	04-098-154	4/2	
BSCX3B	O	04-098-141	04-098-154	4/2	
BSCYR	O	04-098-040	04-098-053	4/2	
BSCYR	O	04-098-053	04-098-053	4/2	
BSCY3B	O	04-098-153	04-098-153	4/2	
BSCY3B	O	04-098-140	04-098-153	4/2	

ELEMENT IDENTIFIER

E

POWER

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
A-48PHR	P	01-016-080	04-024-008	2/1	
A-48RTN	G	01-019-080	04-024-005	2/1	
AALMCZ	I	04-008-145	04-024-014	2/1	
B-48PHR	P	01-105-080	04-114-008	4/1	
B-48RTN	G	01-108-080	04-114-102	4/1	
BALMCZ	I	04-098-145	04-098-117	4/2	

COPYRIGHT (c) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE D2 | ISSUE 2A

AT&T BELL LABORATORIES | SD-5D066-01 | G83

PRINTED IN U.S.A.

CAD 002

MESSAGE INTERFACE BUS - SIDE 0

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J			04-042		JACK/CP	.....			
TO MESSAGE INTERFACE/CLOCK UNIT	POSYNCN		P000	Z34	POSYNCN				
	POCLKN		P001	Z35	POCLKN				
	POTDATAN		P002	Z36	POTDATAN				
	PORDATAN		P003	Z37	PORDATAN				
	POSYNCP		P000	334	POSYNCP				
	POCLKP		P001	335	POCLKP				
	POTDATAP		P002	336	POTDATAP				
	PORDATAP		P003	337	PORDATAP				
.....J			04-056		JACK/CP	.....			
TO MESSAGE INTERFACE/CLOCK UNIT	AOSYNCN		P004	Z34	AOSYNCN				
	AOCLKN		P005	Z35	AOCLKN				
	AOTDATAN		P006	Z36	AOTDATAN				
	AORDATAN		P007	Z37	AORDATAN				
	AOSYNCP		P004	334	AOSYNCP				
	AOCLKP		P005	335	AOCLKP				
	AOTDATAP		P006	336	AOTDATAP				
	AORDATAP		P007	337	AORDATAP				

CAD 003

MESSAGE INTERFACE BUS - SIDE 1

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J			04-042		JACK/CP	.....			
TO MESSAGE INTERFACE/CLOCK UNIT	P1SYNCN		P000	Z39	P1SYNCN				
	P1CLKN		P001	Z40	P1CLKN				
	P1TDATAN		P002	Z41	P1TDATAN				
	P1RDATAN		P003	Z42	P1RDATAN				
	P1SYNCP		P000	339	P1SYNCP				
	P1CLKP		P001	340	P1CLKP				
	P1TDATAP		P002	341	P1TDATAP				
	P1RDATAP		P003	342	P1RDATAP				
.....J			04-056		JACK/CP	.....			
TO MESSAGE INTERFACE/CLOCK UNIT	A1SYNCN		P004	Z39	A1SYNCN				
	A1CLKN		P005	Z40	A1CLKN				
	A1TDATAN		P006	Z41	A1TDATAN				
	A1RDATAN		P007	Z42	A1RDATAN				
	A1SYNCP		P004	339	A1SYNCP				
	A1CLKP		P005	340	A1CLKP				
	A1TDATAP		P006	341	A1TDATAP				
	A1RDATAP		P007	342	A1RDATAP				

CAD 004

I/O MESSAGE INTERFACE, SERVICE

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J			04-030		JACK/CP	(SEE NOTE 105).....			
TO MESSAGE SWITCH CONTROL UNIT	GRD04036		P0-15	000	GRD04036	04-036	CP	344	
	NC			001					
	NC			002	GRD04036	04-036	CP	344	
TO MESSAGE SWITCH CONTROL UNIT	SPARE01		P0	003	SPARE01				
	SPARE02		P1	004	SPARE02				
	SPARE03		P2	005	SPARE03				
	A+5PWR01		P3	036	A+5PWR01	04-036	CP	001	
	AAERR0		P4	007	AAERR0	04-036	CP	102	

CAD 004

(CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J			04-030 (CONT'D)		JACK/CP	(SEE NOTE 103).....			
	ABERR0		P5	008	ABERR0	04-064	CP	102	
	SPARE04		P6	009	SPARE04				
	SPARE05		P7	010	SPARE05				
	GRD04036		P0-15	011	GRD04036	04-036	CP	344	
.....J			04-030		JACK/CP	(SEE NOTE 103).....			
TO MESSAGE SWITCH CONTROL UNIT	GRD04036		P0-15	100	GRD04036	04-036	CP	344	
	NC			101	GRD04036	04-036	CP	344	
	NC			102	GRD04036				
TO MESSAGE SWITCH CONTROL UNIT	AAPCSEL0		P8	103	AAPCSEL0	04-036	CP	305	
	ABPCSEL0		P9	104	ABPCSEL0	04-064	CP	305	
	SPARE06		P10	105	SPARE06				
	SPARE07		P11	106	SPARE07				
	SPARE08		P12	107	SPARE08				
	SPARE09		P13	108	SPARE09				
	SPARE10		P14	109	SPARE10				
	SPARE11		P15	110	SPARE11				
	GRD04036		P0-15	111	GRD04036	04-036	CP	344	

CAD 005

I/O MESSAGE INTERFACE, CONTROL

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J			04-030		JACK/CP	(SEE NOTE 103).....			
TO MESSAGE SWITCH CONTROL UNIT	GRD04036		P0-15	013	GRD04036	04-036	CP	344	
	NC			014					
	NC			015	GRD04036	04-036	CP	344	
TO MESSAGE SWITCH CONTROL UNIT	AACSA0		P0	016	AACSA0	04-036	CP	202	
	ABCSA0		P1	017	ABCSA0	04-064	CP	202	
	SPARE12		P2	018	SPARE12				
	SPARE13		P3	019	SPARE13				
	AINITPC0		P4	020	AINITPC0	04-036	CP	203	
	AS1SOL0		P5	021	AS1SOL0	04-036	CP	003	
	ABSR0		P6	022	ABSR0	04-064	CP	002	
	SPARE14		P7	023	SPARE14				
	GRD04036		P0-15	024	GRD04036	04-036	CP	344	
.....J			04-030		JACK/CP	(SEE NOTE 103).....			
TO MESSAGE SWITCH CONTROL UNIT	GRD04036		P0-15	113	GRD04036	04-036	CP	344	
	NC			114					
	NC			115	GRD04036	04-036	CP	344	
TO MESSAGE SWITCH CONTROL UNIT	ADMAAT0		P8	116	ADMAAT0	04-036	CP	304	
	ADMARD0		P9	117	ADMARD0	04-036	CP	204	
	ADMAOPC0		P10	118	ADMAOPC0	04-036	CP	104	
	ADMAREQ0		P11	119	ADMAREQ0	04-036	CP	004	
	ACMDINT0		P12	120	ACMDINT0	04-036	CP	303	
	AR1SOL0		P13	121	AR1SOL0	04-036	CP	103	
	AASR0		P14	122	AASR0	04-036	CP	002	
	SPARE15		P15	123	SPARE15				
	GRD04036		P0-15	124	GRD04036	04-036	CP	344	

CAD 006

I/O MESSAGE INTERFACE, ADDRESS

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J			04-030		JACK/CP	(SEE NOTE 103).....			
TO MESSAGE SWITCH CONTROL UNIT	GRD04036		P0-15	200	GRD04036	04-036	CP	344	
	NC			201					
	NC			202	GRD04036				
TO MESSAGE SWITCH CONTROL UNIT	ADMAAD01		P0	203	ADMAAD01	04-036	CP	109	
	ADMAAD03		P1	204	ADMAAD03	04-036	CP	110	
	ADMAAD05		P2	205	ADMAAD05	04-036	CP	111	
	ADMAAD07		P3	206	ADMAAD07	04-036	CP	113	
	ADMAAD09		P4	207	ADMAAD09	04-036	CP	114	
	ADMAAD11		P5	208	ADMAAD11	04-036	CP	115	
	ADMAAD13		P6	209	ADMAAD13	04-036	CP	116	
	ADMAAD15		P7	210	ADMAAD15	04-036	CP	117	
	GRD04036		P0-15	211	GRD04036	04-036	CP	344	
.....J			04-030		JACK/CP	(SEE NOTE 103).....			
TO MESSAGE SWITCH CONTROL UNIT	GRD04036		P0-15	300	GRD04036	04-036	CP	344	
	NC			301					
	NC			302	GRD04036				
TO MESSAGE SWITCH CONTROL UNIT	ADMAAD00		P8	303	ADMAAD00	04-036	CP	009	
	ADMAAD02		P9	304	ADMAAD02	04-036	CP	010	
	ADMAAD04		P10	305	ADMAAD04	04-036	CP	011	
	ADMAAD06		P11	306	ADMAAD06	04-036	CP	013	
	ADMAAD08		P12	307	ADMAAD08	04-036	CP	014	
	ADMAAD10		P13	308	ADMAAD10	04-036	CP	015	
	ADMAAD12		P14	309	ADMAAD12	04-036	CP	016	
	ADMAAD14		P15	310	ADMAAD14	04-036	CP	017	
	GRD04036		P0-15	311	GRD04036	04-036	CP	344	

CAD 007

I/O MESSAGE INTERFACE, DATA

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J			04-030		JACK/CP	(SEE NOTE 103).....			
TO MESSAGE SWITCH CONTROL UNIT	GRD04036		P0-15	213	GRD04036	04-036	CP	344	
	NC			214					
	NC			215	GRD04036	04-036	CP	344	
TO MESSAGE SWITCH CONTROL UNIT	ADMADA01		P0	216	ADMADA01	04-036	CP	105	
	ADMADA03		P1	217	ADMADA03	04-036	CP	106	
	ADMADA05		P2	218	ADMADA05	04-036	CP	107	
	ADMADA07		P3	219	ADMADA07	04-036	CP	108	
	SPARE16		P4	220	SPARE16				
	SPARE17		P5	221	SPARE17				
	ABINTR0		P6	222	ABINTR0	04-064	CP	302	
	SPARE18		P7	223	SPARE18				
	GRD04036		P0-15	224	GRD04036	04-036	CP	344	

COPYRIGHT (c) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE	ISSUE
D2	2A

AT&T BELL LABORATORIES | SD-5D166-01 | GB4

PRINTED IN U.S.A.

CAD 007
(CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J			04-030		JACK/CP		(SEE NOTE 103).....		
TO MESSAGE SWITCH CONTROL UNIT	GRD04036		P0-15	313	GRD04036	04-036	CP 344		
	NC			314					
	NC			315	GRD04036				
TO MESSAGE SWITCH CONTROL UNIT	ADMADA00		P8	316	ADMADA00	04-036	CP 005		
|	ADMADA02		P9	317	ADMADA02	04-036	CP 006		
|	ADMADA04		P10	318	ADMADA04	04-036	CP 007		
|	ADMADA06		P11	319	ADMADA06	04-036	CP 008		
|	ADMADAP1		P12	320	ADMADAP1	04-036	CP 205		
|	SPARE19		P13	321	SPARE19				
|	AAINTR0		P14	322	AAINTR0	04-036	CP 302		
|	SPARE20		P15	323	SPARE20				
|	GRD04036		P0-15	324	GRD04036	04-036	CP 344		

CAD 008
CONTROL AND DIAGNOSTIC ACCESS SIDE 0, LINK A

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J			04-070		JACK/CP		.....		
	NC			413					
TO MESSAGE INTERFACE/CLOCK UNIT	0NCKSEL0		P000	414	0NCKSEL0				
	0LISEL0		P001	415	0LISEL0				
	0TRCLK0		P002	416	0TRCLK0				
|	0DATVAL0		P003	417	0DATVAL0				
|	0RCVDAT0		P004	418	0RCVDAT0				
|	0TRMDAT0		P005	419	0TRMDAT0				
|	0NCKIT11		P006	420	0NCKIT11				
|	0LIINT11		P007	421	0LIINT11				
|	0SACDALR		P008	422	0SACDALR				
|	0ACCDALR		P009	423	0ACCDALR				
|	0TMSSR1		P010	424	0TMSSR1				
	NC			513					
TO MESSAGE INTERFACE/CLOCK UNIT	0NCKSEL1		P000	514	0NCKSEL1				
	0LISEL1		P001	515	0LISEL1				
	0TRCLK1		P002	516	0TRCLK1				
|	0DATVAL1		P003	517	0DATVAL1				
|	0RCVDAT1		P004	518	0RCVDAT1				
|	0TRMDAT1		P005	519	0TRMDAT1				
|	0NCKIT10		P006	520	0NCKIT10				
|	0LIINT10		P007	521	0LIINT10				
|	0STACDAL		P008	522	0STACDAL				
|	0ACTCDAL		P009	523	0ACTCDAL				
|	0TMSSR0		P010	524	0TMSSR0				

CAD 009
CONTROL AND DIAGNOSTIC ACCESS SIDE 0, LINK B

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J			04-070		JACK/CP		.....		
TO MESSAGE INTERFACE/CLOCK UNIT	0TMSRST1		P000	432	0TMSRST1				
	0MIINT11		P001	433	0MIINT11				
	0TMSIT11		P002	434	0TMSIT11				
|	0MISEL1		P003	435	0MISEL1				
|	0TMSSEL1		P004	436	0TMSSEL1				
|	0TMSRDY0		P005	437	0TMSRDY0				
|	0TMSRST0		P000	532	0TMSRST0				
|	0MIINT10		P001	533	0MIINT10				
|	0TMSIT10		P002	534	0TMSIT10				
|	0MISEL0		P003	535	0MISEL0				
|	0TMSSEL0		P004	536	0TMSSEL0				
|	0TMSRDY1		P005	537	0TMSRDY1				

CAD 010
CONTROL AND DIAGNOSTIC ACCESS SIDE 1, LINK A

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J			04-070		JACK/CP		.....		
	NC			445					
TO MESSAGE INTERFACE/CLOCK UNIT	1NCKSEL0		P000	446	1NCKSEL0				
	1LISEL0		P001	447	1LISEL0				
	1TRCLK0		P002	448	1TRCLK0				
|	1DATVAL0		P003	449	1DATVAL0				
|	1RCVDAT0		P004	450	1RCVDAT0				
|	1TRMDAT0		P005	451	1TRMDAT0				
|	1NCKIT11		P006	452	1NCKIT11				
|	1LIINT11		P007	453	1LIINT11				
|	1SACDALR		P008	454	1SACDALR				
|	1ACCDALR		P009	455	1ACCDALR				
|	1TMSSR1		P010	456	1TMSSR1				
	NC			545					
TO MESSAGE INTERFACE/CLOCK UNIT	1NCKSEL1		P000	546	1NCKSEL1				
	1LISEL1		P001	547	1LISEL1				
	1TRCLK1		P002	548	1TRCLK1				
|	1DATVAL1		P003	549	1DATVAL1				
|	1RCVDAT1		P004	550	1RCVDAT1				
|	1TRMDAT1		P005	551	1TRMDAT1				
|	1NCKIT10		P006	552	1NCKIT10				
|	1LIINT10		P007	553	1LIINT10				
|	1STACDAL		P008	554	1STACDAL				
|	1ACTCDAL		P009	555	1ACTCDAL				
|	1TMSSR0		P010	556	1TMSSR0				

CAD 011
CONTROL AND DIAGNOSTIC ACCESS SIDE 1, LINK B

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J			04-070		JACK/CP		.....		
TO MESSAGE INTERFACE/CLOCK UNIT	1TMSRST1		P000	438	1TMSRST1				
	1MIINT11		P001	439	1MIINT11				
	1TMSIT11		P002	440	1TMSIT11				
|	1MISEL1		P003	441	1MISEL1				
|	1TMSSEL1		P004	442	1TMSSEL1				
|	1TMSRDY0		P005	443	1TMSRDY0				
|	1TMSRST0		P000	538	1TMSRST0				
|	1MIINT10		P001	539	1MIINT10				
|	1TMSIT10		P002	540	1TMSIT10				
|	1MISEL0		P003	541	1MISEL0				
|	1TMSSEL0		P004	542	1TMSSEL0				
|	1TMSRDY1		P005	543	1TMSRDY1				

CAD 012
SCAN AND DISTRIBUTE - SIDE 1

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J			04-008		JACK/CPTF		.....		
TO 3B10P1	ACOSR		P000	038	ACOSR	04-008	CP 051		
|	AR01P3BR		P001	039	AR01P3BR	04-008	CP 052		
|	ASCYR		P002	040	ASCYR	04-008	CP 053		
|	ASCXR		P003	041	ASCXR	04-008	CP 054		
|	AOOS3B		P000	138	AOOS3B	04-008	CP 151		
|	AR01P3B		P001	139	AR01P3B	04-008	CP 152		
|	ASCY3B		P002	140	ASCY3B	04-008	CP 153		
|	ASCX3B		P003	141	ASCX3B	04-008	CP 154		

CAD 013
SCAN AND DISTRIBUTE - SIDE 0

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J			04-008		JACK/CP		.....		
TO 3B10P0	AOOSR		P004	051	AOOSR				
|	AR01P3BR		P005	052	AR01P3BR				
|	ASCYR		P006	053	ASCYR				
|	ASCXR		P007	054	ASCXR				
|	AOOS3B		P004	151	AOOS3B				
|	AR01P3B		P005	152	AR01P3B				
|	ASCY3B		P006	153	ASCY3B				
|	ASCX3B		P007	154	ASCX3B				

CAD 014
BUS TERMINATING RESISTORS

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J			04-064		BTR-CP		.....		
NC				201	GRD04064	04-064	CP 201		
NC				202	ABCSA0	04-064	CP 202		
NC				203	AINITPC0	04-064	CP 203		
NC				204	ADMARD0	04-064	CP 204		
NC				301	GRD04064	04-064	CP 301		
NC				302	ABINTR0	04-064	CP 302		
NC				303	ACNDINT0	04-064	CP 303		
NC				304	ADMAWT0	04-064	CP 304		

COPYRIGHT (C) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE: D2 | ISSUE: 2A

AT&T BELL LABORATORIES | SD-5D066-01 | GB5

PRINTED IN U.S.A.

CAD 015

BUS TERMINATING RESISTORS

TO CONNECTION: DESTINATION	TO CONNECTION: LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	FROM CONNECTION: TERMINATION	FROM CONNECTION: TERMINAL	OPT	NOTE
.....	J			04-084	BTR-CP	.....			
	NC			232					
	NC			233					
	NC			234	A0SYNCN				
	NC			235	A0CLKN				
	NC			236	A0TDATAN				
	NC			237	A0RDATAN				
	NC			238	GRD04084				
	NC			239	A1SYNCN				
	NC			240	A1CLKN				
	NC			241	A1TDATAN				
	NC			242	A1RDATAN				
	NC			243					
	NC			332					
	NC			333					
	NC			334	A0SYNCP				
	NC			335	A0CLKP				
	NC			336	A0TDATAP				
	NC			337	A0RDATAP				
	NC			338					
	NC			339	A1SYNCP				
	NC			340	A1CLKP				
	NC			341	A1TDATAP				
	NC			342	A1RDATAP				
	NC			343					

CAD 016

RESERVED

TO CONNECTION: DESTINATION	TO CONNECTION: LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	FROM CONNECTION: TERMINATION	FROM CONNECTION: TERMINAL	OPT	NOTE

CAD 017

FUSE ALARM

TO CONNECTION: DESTINATION	TO CONNECTION: LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	FROM CONNECTION: TERMINATION	FROM CONNECTION: TERMINAL	OPT	NOTE
.....	J			04-008	JACK/CP	.....			
	NC			045					
	NC			046					
	NC			047					
TO FUSE PANEL	AALMC2			145	AALMC2	04-024	CP	014	
	NC			146					
	NC			147					

CAD 018

-48 POWER AND RETURN

TO CONNECTION: DESTINATION	TO CONNECTION: LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	FROM CONNECTION: TERMINATION	FROM CONNECTION: TERMINAL	OPT	NOTE
.....	J			01-016	LUG	.....			
TO FUSE PANEL	A-48PHR			080	A-48PHR	04-024	CP	008	

CAD 018 (CONT'D)

TO CONNECTION: DESTINATION	TO CONNECTION: LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	FROM CONNECTION: TERMINATION	FROM CONNECTION: TERMINAL	OPT	NOTE
.....	J			01-019	LUG	.....			
TO FUSE PANEL	A-48RTN			080	A-48RTN	04-024	CP	005	

CAD 019

STAGING POINTS

TO CONNECTION: DESTINATION	TO CONNECTION: LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	FROM CONNECTION: TERMINATION	FROM CONNECTION: TERMINAL	OPT	NOTE
.....	J			04-036	CPTF	.....			
	NC			213	GRD04036				
	NC			214	A01TVLPD				
	NC			216	A01TVLPB				
	NC			217	GRD04036				
	NC			224	GRD04036				
	NC			314	A01TVLPD				
	NC			316	A01TVLPB				
.....	J			04-042	JACK/TF	.....			
	NC			007	GRD04042	04-042	CP	023	
	NC			021	AAADD2PE	04-056	CP	021	
	NC			022	AAXPHRRS	04-036	CP	022	
	NC			036	AAXCNTAS	04-036	CP	036	
	NC			039	AAXHDREQ	04-056	CP	039	
	NC			107	GRD04042	04-042	CP	023	
	NC			120	AACMDINT	04-036	CP	120	
	NC			121	AADAT2PE	04-056	CP	121	
	NC			137	AAXDIRRM	04-036	CP	137	
.....	J			04-050	JACK/TF	.....			
	NC			007	GRD04050	04-050	CP	023	
	NC			021	AAADD2PE	04-056	CP	021	
	NC			022	AAXPHRRS	04-036	CP	022	
	NC			033	AAX10MIN	04-036	CP	033	
	NC			035	AAEHIBYT	04-042	CP	035	
	NC			036	AAXCNTAS	04-036	CP	036	
	NC			038	AAXTMPEQ	04-056	CP	038	
	NC			039	AAXHDREQ	04-036	CP	039	
	NC			107	GRD04050	04-050	CP	023	
	NC			111	A04TVLPA	04-050	CP	011	
	NC			118	AAP2IN	04-036	CP	118	
	NC			119	AAPUMPCS	04-036	CP	119	
	NC			120	AACMDINT	04-036	CP	120	
	NC			121	AADAT2PE	04-056	CP	121	
	NC			137	AAXDIRRM	04-036	CP	137	
	NC			138	AAXMACK	04-036	CP	138	
	NC			250	AAXDAT08	04-036	CP	250	
	NC			251	AAXDAT10	04-036	CP	251	
	NC			252	AAXDAT12	04-036	CP	252	
	NC			253	AAXDAT14	04-036	CP	253	
	NC			350	AAXDAT09	04-036	CP	350	
	NC			351	AAXDAT11	04-036	CP	351	
	NC			352	AAXDAT13	04-036	CP	352	
	NC			353	AAXDAT15	04-036	CP	353	
	NC			354	AAXDATPH	04-036	CP	354	
.....	J			04-056	JACK/TF	.....			
	NC			009	A02TVLPC	04-056	TF	109	
	NC			010	A02TVLPB	04-056	TF	110	
	NC			011	A02TVLPA	04-056	TF	111	
	NC			018	AAPBHE0	04-042	CP	018	
	NC			019	AARASCK1	04-042	CP	019	
	NC			022	AAXPHRRS	04-036	CP	022	
	NC			035	AAEHIBYT	04-042	CP	035	
	NC			036	AAXCNTAS	04-036	CP	036	
	NC			042	AAXMEMRD	04-042	CP	042	
	NC			050	AAXAD008	04-036	CP	050	
	NC			051	AAXAD010	04-036	CP	051	
	NC			052	AAXAD012	04-036	CP	052	
	NC			053	AAXAD014	04-036	CP	053	
	NC			054	AAXAD016	04-036	CP	054	

CAD 019 (CONT'D)

TO CONNECTION: DESTINATION	TO CONNECTION: LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	FROM CONNECTION: TERMINATION	FROM CONNECTION: TERMINAL	OPT	NOTE
.....	J			04-056 (CONT'D)	JACK/TF	.....			
	NC			055	AAXADD18	04-036	CP	055	
	NC			107	GRD04056	04-056	CP	111	
	NC			108	A02TVLPD	04-056	TF	008	
	NC			109	A02TVLPE	04-056	TF	009	
	NC			110	A02TVLPB	04-056	TF	010	
	NC			111	A02TVLPA	04-056	TF	011	
	NC			118	AAP2IN	04-036	CP	118	
	NC			119	AAPUMPCS	04-036	CP	119	
	NC			136	AAXDYRMS	04-036	CP	136	
	NC			137	AAXDIRRM	04-036	CP	137	
	NC			142	AAXMEMNT	04-042	CP	142	
	NC			150	AAXADD09	04-036	CP	150	
	NC			151	AAXADD11	04-036	CP	151	
	NC			152	AAXADD13	04-036	CP	152	
	NC			153	AAXADD15	04-036	CP	153	
	NC			154	AAXADD17	04-036	CP	154	
	NC			155	AAXADD19	04-036	CP	155	
	NC			156	AAXADDPH	04-036	CP	156	
	NC			250	AAXDAT08	04-036	CP	250	
	NC			251	AAXDAT10	04-036	CP	251	
	NC			252	AAXDAT12	04-036	CP	252	
	NC			253	AAXDAT14	04-036	CP	253	
	NC			255	AAXADDPU	04-042	CP	255	
	NC			350	AAXDAT09	04-036	CP	350	
	NC			351	AAXDAT11	04-036	CP	351	
	NC			352	AAXDAT13	04-036	CP	352	
	NC			353	AAXDAT15	04-036	CP	353	
	NC			354	AAXDATPH	04-036	CP	354	
	NC			355	AAXCLK86	04-036	CP	355	
.....	J			04-064	CPTF	.....			
	NC			213	GRD04064				
	NC			214	A05TVLPD				
	NC			216	A05TVLPB				
	NC			217	GRD04064				
	NC			224	GRD04064				
	NC			314	A05TVLPD				
	NC			316	A05TVLPB				
.....	J			04-070	JACK/TF	.....			
	NC			007	GRD04070	04-070	CP	244	
	NC			035	AAEHIBYT	04-064	CP	035	
	NC			036	AAXCNTAS	04-064	CP	036	
	NC			039	AAXHDREQ	04-064	CP	039	
	NC			107	GRD04070	04-070	CP	244	
	NC			111	A07TVLPA	04-070	CP	011	
	NC			119	AAPUMPCS	04-064	CP	119	
	NC			137	AAXDIRRM	04-064	CP	137	
	NC			250	AAXDAT08	04-064	CP	250	
	NC			251	AAXDAT10	04-064	CP	251	
	NC			252	AAXDAT12	04-064	CP	252	
	NC			253	AAXDAT14	04-064	CP	253	
	NC			350	AAXDAT09	04-064	CP	350	
	NC			351	AAXDAT11	04-064	CP	351	
	NC			352	AAXDAT13	04-064	CP	352	
	NC			353	AAXDAT15	04-064	CP	353	
	NC			354	AAXDATPH	04-064	CP	354	

COPYRIGHT © 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE: D

ISSUE: 2A

AT&T BELL LABORATORIES

SD-5D066-01

GB6

PRINTED IN U.S.A.

CAD 019

(CONT'D)

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
				04-078	JACK/TF				
NC				007	GRD04078	04-078	CP 023		
NC				021	ABADD2PE	04-084	CP 021		
NC				022	ABXPWRRS	04-064	CP 022		
NC				033	ABX1CMIN	04-064	CP 033		
NC				035	ABEHI8YT	04-064	CP 035		
NC				036	ABXCNTWS	04-064	CP 036		
NC				038	ABXINREQ	04-084	CP 038		
NC				039	ABXHDREQ	04-084	CP 039		
NC				107	GRD04078	04-078	CP 023		
NC				111	A08TVLPA	04-078	CP 011		
NC				118	ABPZIN	04-070	CP 118		
NC				119	ABPUMPCS	04-064	CP 119		
NC				120	ABCMDINT	04-064	CP 120		
NC				121	ABDAT2PE	04-084	CP 121		
NC				137	ABXDIRRH	04-064	CP 137		
NC				138	ABXINACK	04-064	CP 138		
NC				250	ABXDAT08	04-064	CP 250		
NC				251	ABXDAT10	04-064	CP 251		
NC				252	ABXDAT12	04-064	CP 252		
NC				253	ABXDAT14	04-064	CP 253		
NC				350	ABXDAT09	04-064	CP 350		
NC				351	ABXDAT11	04-064	CP 351		
NC				352	ABXDAT13	04-064	CP 352		
NC				353	ABXDAT15	04-064	CP 353		
NC				354	ABXDATPH	04-064	CP 354		
				04-084	JACK/TF				
NC				009	A06TVLPC	04-084	TF 109		
NC				010	A06TVLPB	04-084	TF 110		
NC				011	A06TVLPA	04-084	TF 111		
NC				018	ABPBHE0	04-070	CP 018		
NC				019	ABRASOK1	04-070	CP 019		
NC				022	ABXPWRRS	04-064	CP 022		
NC				035	ABEHIBYT	04-064	CP 035		
NC				036	ABXCNTWS	04-064	CP 036		
NC				042	ABXMEMRD	04-070	CP 042		
NC				050	ABXADD08	04-064	CP 050		
NC				051	ABXADD10	04-064	CP 051		
NC				052	ABXADD12	04-064	CP 052		
NC				053	ABXADD14	04-064	CP 053		
NC				054	ABXADD16	04-064	CP 054		
NC				055	ABXADD18	04-064	CP 055		
NC				107	GRD04084	04-084	CP 201		
NC				108	A06TVLPD	04-084	CP 008		
NC				109	A06TVLPC	04-084	TF 009		
NC				110	A06TVLPB	04-084	TF 010		
NC				111	A06TVLPA	04-084	TF 011		
NC				118	ABPZIN	04-070	CP 118		
NC				119	ABPUMPCS	04-064	CP 119		
NC				136	ABXDYRMS	04-064	CP 136		
NC				137	ABXDIRRH	04-064	CP 137		
NC				142	ABXMEMNT	04-070	CP 142		
NC				150	ABXADD09	04-064	CP 150		
NC				151	ABXADD11	04-064	CP 151		
NC				152	ABXADD13	04-064	CP 152		
NC				153	ABXADD15	04-064	CP 153		
NC				154	ABXADD17	04-064	CP 154		
NC				155	ABXADD19	04-064	CP 155		
NC				156	ABXADDPH	04-064	CP 156		
NC				250	ABXDAT08	04-064	CP 250		
NC				251	ABXDAT10	04-064	CP 251		
NC				252	ABXDAT12	04-064	CP 252		
NC				253	ABXDAT14	04-064	CP 253		
NC				255	ABXADDPU	04-070	CP 255		
NC				350	ABXDAT09	04-064	CP 350		
NC				351	ABXDAT11	04-064	CP 351		
NC				352	ABXDAT13	04-064	CP 352		
NC				353	ABXDAT15	04-064	CP 353		
NC				354	ABXDATPH	04-064	CP 354		
NC				355	ABXCLK86	04-064	CP 355		

CAD 020

SPARE POWER AND GROUNDS

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
				04-042	TF				
NC				400	GRD04042	04-042	CP 023		
NC				401	GRD04042	04-042	CP 023		
NC				410	GRD04042	04-042	CP 023		
NC				411	GRD04042	04-042	CP 023		
NC				412	GRD04042	04-042	CP 023		
NC				444	GRD04042	04-042	CP 023		
NC				500	GRD04042	04-042	CP 023		
NC				501	GRD04042	04-042	CP 023		
NC				510	GRD04042	04-042	CP 023		
NC				511	GRD04042	04-042	CP 023		
NC				512	GRD04042	04-042	CP 023		
NC				544	GRD04042	04-042	CP 023		
				04-070	TF				
NC				400	GRD04070	04-070	023		
NC				401	GRD04070	04-070	023		
NC				410	GRD04070	04-070	023		
NC				411	GRD04070	04-070	023		
NC				412	GRD04070	04-070	023		
NC				444	GRD04070	04-070	023		
NC				500	GRD04070	04-070	023		
NC				501	GRD04070	04-070	023		
NC				510	GRD04070	04-070	023		
NC				511	GRD04070	04-070	023		
NC				512	GRD04070	04-070	023		
NC				544	GRD04070	04-070	023		
				04-030	TF	(SEE NOTE 103)			
NC				044	A+5PWR01	04-036	CP 001		
NC				344	A+5PWR01	04-036	CP 001		
NC				412	A+5PWR01	04-036	CP 001		
NC				444	A+5PWR01	04-036	CP 001		
NC				512	A+5PWR01	04-036	CP 001		
NC				544	A+5PWR01	04-036	CP 001		

CAD 021

MESSAGE INTERFACE BUS - SIDE 0

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
				04-146	JACK/CP				
TO MESSAGE INTERFACE/CLOCK UNIT	B0SYNCN			P000 234	B0SYNCN				
	B0CLKN			P001 235	B0CLKN				
	B0TDATAN			P002 236	B0TDATAN				
	B0RDATAN			P003 237	B0RDATAN				
	B0SYNCP			P000 334	B0SYNCP				
	B0CLKP			P001 335	B0CLKP				
	B0TDATAP			P002 336	B0TDATAP				
	B0RDATAP			P003 337	B0RDATAP				

CAD 022

MESSAGE INTERFACE BUS - SIDE 1

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
				04-146	JACK/CP				
TO MESSAGE INTERFACE/CLOCK UNIT	B1SYNCN			P000 239	B1SYNCN				
	B1CLKN			P001 240	B1CLKN				
	B1TDATAN			P002 241	B1TDATAN				
	B1RDATAN			P003 242	B1RDATAN				

CAD 022

(CONT'D)

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
				04-146 (CONT'D)	JACK/CP				
	B1SYNCP			P000 339	B1SYNCP				
	B1CLKP			P001 340	B1CLKP				
	B1TDATAP			P002 341	B1TDATAP				
	B1RDATAP			P003 342	B1RDATAP				

CAD 023

I/C MESSAGE INTERFACE, SERVICE

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
				04-120	JACK/CP	(SEE NOTE 103)			
TO MESSAGE SWITCH CONTROL UNIT	GRD04126			P0-15 000	GRD04126	04-126	CP 356		
	NC			001					
	NC			002	GRD04126				
TO MESSAGE SWITCH CONTROL UNIT	SPARE21			P0 003	SPARE21				
	SPARE22			P1 004	SPARE22				
	SPARE23			P2 005	SPARE23				
	B+5PWR01			P3 006	B+5PWR01	04-126	CP 001		
	B4ERR0			P4 007	B4ERR0	04-126	CP 102		
	B8ERR0			P5 008	B8ERR0	04-154	CP 102		
	SPARE24			P6 009	SPARE24				
	SPARE25			P7 010	SPARE25				
	GRD04126			P0-15 011	GRD04126	04-126	CP 356		
				04-120	JACK/CP	(SEE NOTE 103)			
TO MESSAGE SWITCH CONTROL UNIT	GRD04126			P0-15 100	GRD04126	04-126	CP 356		
	NC			101					
	NC			102	GRD04126				
TO MESSAGE SWITCH CONTROL UNIT	BAPCSEL0			P8 103	BAPCSEL0	04-126	CP 305		
	B8PCSEL0			P9 104	B8PCSEL0	04-154	CP 305		
	SPARE26			P10 105	SPARE26				
	SPARE27			P11 106	SPARE27				
	SPARE28			P12 107	SPARE28				
	SPARE29			P13 108	SPARE29				
	SPARE30			P14 109	SPARE30				
	SPARE31			P15 110	SPARE31				
	GRD04126			P0-15 111	GRD04126	04-126	CP 356		

COPYRIGHT © 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE C2 | ISSUE 2A

AT&T BELL LABORATORIES | SD-5D066-01 | GB7

PRINTED IN U.S.A.

CAD 024

I/O MESSAGE INTERFACE, CONTROL

TO CONNECTION — DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION — LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-120	JACK/CP	(SEE NOTE 103).....			
TO MESSAGE SWITCH CONTROL UNIT	GRD04126		P0-15	013	GRD04126	04-126	CP	356	
	NC			014					
	NC			015	GRD04126				
TO MESSAGE SWITCH CONTROL UNIT	BACSA0		P0	016	BACSA0	04-126	CP	202	
	BBCSA0		P1	017	BBCSA0	04-154	CP	202	
	SPARE32		P2	018	SPARE32				
|	SPARE33		P3	019	SPARE33				
|	BINITPC0		P4	020	BINITPC0	04-126	CP	203	
|	BSISOL0		P5	021	BSISOL0	04-126	CP	003	
|	BBSR0		P6	022	BBSR0	04-154	CP	002	
|	SPARE34		P7	023	SPARE34				
|	GRD04126		P0-15	024	GRD04126	04-126	CP	356	
.....J				04-120	JACK/CP	(SEE NOTE 103).....			
TO MESSAGE SWITCH CONTROL UNIT	GRD04126		P0-15	113	GRD04126	04-126	CP	356	
	NC			114					
	NC			115	GRD04126				
TO MESSAGE SWITCH CONTROL UNIT	BDMAPT0		P8	116	BDMAPT0	04-126	CP	304	
	BDMAPD0		P9	117	BDMAPD0	04-126	CP	204	
	BDMAPC0		P10	118	BDMAPC0	04-126	CP	104	
|	BDMARE00		P11	119	BDMARE00	04-126	CP	004	
|	BDMDINT0		P12	120	BDMDINT0	04-126	CP	303	
|	BMISOL0		P13	121	BMISOL0	04-126	CP	103	
|	BASR0		P14	122	BASR0	04-126	CP	002	
|	SPARE35		P15	123	SPARE35				
|	GRD04126		P0-15	124	GRD04126	04-126	CP	356	

CAD 025

I/O MESSAGE INTERFACE, ADDRESS

TO CONNECTION — DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION — LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-120	JACK/CP	(SEE NOTE 103).....			
TO MESSAGE SWITCH CONTROL UNIT	GRD04126		P0-15	200	GRD04126	04-126	CP	356	
	NC			201					
	NC			202	GRD04126				
TO MESSAGE SWITCH CONTROL UNIT	BDMAAD01		P0	203	BDMAAD01	04-126	CP	109	
	BDMAAD03		P1	204	BDMAAD03	04-126	CP	110	
	BDMAAD05		P2	205	BDMAAD05	04-126	CP	111	
|	BDMAAD07		P3	206	BDMAAD07	04-126	CP	113	
|	BDMAAD09		P4	207	BDMAAD09	04-126	CP	114	
|	BDMAAD11		P5	208	BDMAAD11	04-126	CP	115	
|	BDMAAD13		P6	209	BDMAAD13	04-126	CP	116	
|	BDMAAD15		P7	210	BDMAAD15	04-126	CP	117	
|	GRD04126		P0-15	211	GRD04126	04-126	CP	356	
.....J				04-120	JACK/CP	(SEE NOTE 103).....			
TO MESSAGE SWITCH CONTROL UNIT	GRD04126		P0-15	300	GRD04126	04-126	CP	356	
	NC			301					
	NC			302	GRD04126				
TO MESSAGE SWITCH CONTROL UNIT	BDMAAD00		P8	303	BDMAAD00	04-126	CP	009	
	BDMAAD02		P9	304	BDMAAD02	04-126	CP	010	
	BDMAAD04		P10	305	BDMAAD04	04-126	CP	011	
|	BDMAAD06		P11	306	BDMAAD06	04-126	CP	013	
|	BDMAAD08		P12	307	BDMAAD08	04-126	CP	014	
|	BDMAAD10		P13	308	BDMAAD10	04-126	CP	015	
|	BDMAAD12		P14	309	BDMAAD12	04-126	CP	016	
|	BDMAAD14		P15	310	BDMAAD14	04-126	CP	017	
|	GRD04126		P0-15	311	GRD04126	04-126	CP	356	

CAD 026

I/O MESSAGE INTERFACE, DATA

TO CONNECTION — DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION — LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-120	JACK/CP	(SEE NOTE 103).....			
TO MESSAGE SWITCH CONTROL UNIT	GRD04126		P0-15	213	GRD04126	04-126	CP	356	
	NC			214					
	NC			215	GRD04126				
TO MESSAGE SWITCH CONTROL UNIT	BDMADA01		P0	216	BDMADA01	04-126	CP	105	
	BDMADA03		P1	217	BDMADA03	04-126	CP	106	
	BDMADA05		P2	218	BDMADA05	04-126	CP	107	
|	BDMADA07		P3	219	BDMADA07	04-126	CP	108	
|	SPARE36		P4	220	SPARE36				
|	SPARE37		P5	221	SPARE37				
|	BBINTR0		P6	222	BBINTR0	04-154	CP	302	
|	SPARE38		P7	223	SPARE38				
|	GRD04126		P0-15	224	GRD04126	04-126	CP	356	
.....J				04-120	JACK/CP	(SEE NOTE 103).....			
TO MESSAGE SWITCH CONTROL UNIT	GRD04126		P0-15	313	GRD04126	04-126	CP	356	
	NC			314					
	NC			315	GRD04126				
TO MESSAGE SWITCH CONTROL UNIT	BDMADA00		P8	316	BDMADA00	04-126	CP	005	
	BDMADA02		P9	317	BDMADA02	04-126	CP	006	
	BDMADA04		P10	318	BDMADA04	04-126	CP	007	
	BDMADA06		P11	319	BDMADA06	04-126	CP	008	
	BDMADAP1		P12	320	BDMADAP1	04-126	CP	205	
|	SPARE39		P13	321	SPARE39				
|	BAINTR0		P14	322	BAINTR0	04-126	CP	302	
|	SPARE40		P15	323	SPARE40				
|	GRD04126		P0-15	324	GRD04126	04-126	CP	356	

CAD 027

SCAN AND DISTRIBUTE - SIDE 1

TO CONNECTION — DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION — LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-098	JACK/CPTF	.....			
TO SB1OP1	BOOSR		P000	038	BOOSR	04-098	CP	051	
|	BROIP3BR		P001	039	BROIP3BR	04-098	CP	052	
|	BSCYR		P002	040	BSCYR	04-098	CP	053	
|	BSCXR		P003	041	BSCXR	04-098	CP	054	
|	BOOS3B		P000	138	BOOS3P	04-098	CP	151	
|	BROIP3B		P001	139	BROIP3B	04-098	CP	152	
|	BSCY3B		P002	140	BSCY3B	04-098	CP	153	
|	BSCX3B		P003	141	BSCX3B	04-098	CP	154	

CAD 028

SCAN AND DISTRIBUTE - SIDE 0

TO CONNECTION — DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION — LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-098	JACK/CP	.....			
TO SB1OP0	BOOSR		P004	051	BOOSR				
|	BROIP3BR		P005	052	BROIP3BR				
|	BSCYR		P006	053	HSCYR				
|	BSCXR		P007	054	HSCXR				
|	BOOS3B		P004	151	BOOS3B				
|	BROIP3B		P005	152	BROIP3B				
|	BSCY3B		P006	153	BSCY3B				
|	BSCX3B		P007	154	BSCX3B				

CAD 029

RESERVED

TO CONNECTION — DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION — LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE

CAD 030

FUSE ALARM

TO CONNECTION — DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION — LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-098	JACK/CP	.....			
	NC			04-5					
	NC			04-6					
	NC			04-7					
TO FUSE PANEL	BALMC2			1-5	BALMC2	04-098	CP	117	
	NC			1-6					
	NC			1-7					

CAD 031

-48 POWER AND RETURN

TO CONNECTION — DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION — LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				01-105	LUG	.....			
TO FUSE PANEL	B-48PWR			CB0	B-48PWR	04-114	CP	008	
.....J				01-108	LUG	.....			
TO FUSE PANEL	B-48RTN			CB0	B-48RTN	04-114	CP	102	

COPYRIGHT (C) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE C2 | ISSUE 2A

AT&T BELL LABORATORIES | SD 50066 01 | SHEET 88

PRINTED IN U.S.A.

CAD 032

STAGING POINTS

TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....	J			04-132	CPTF	.....			
NC				007	GRD04132	04-132	CP	Z56	
NC				021	BAADD2PE	04-146	CP	021	
NC				022	BAXPWRRS	04-126	CP	022	
NC				033	BAX10MIN	04-126	CP	033	
NC				035	BAEHIBYT	04-126	CP	035	
NC				036	BAXCNTWS	04-126	CP	036	
NC				038	BAXINREQ	04-146	CP	038	
NC				039	BAXHDREQ	04-146	TF	039	
NC				107	GRD04132	04-132	CP	Z56	
NC				111	B03TVLPA	04-132	CP	011	
NC				118	BAPDIN	04-126	CP	118	
NC				119	BAPLMPCS	04-126	CP	119	
NC				120	BACMDINT	04-126	CP	120	
NC				121	BADATZPE	04-146	TF	121	
NC				137	BAXDIRRW	04-126	CP	137	
NC				138	BAXINACK	04-126	CP	138	
NC				250	BAXDAT08	04-126	CP	250	
NC				251	BAXDAT10	04-126	CP	251	
NC				252	BAXDAT12	04-126	CP	252	
NC				253	BAXDAT14	04-126	CP	253	
NC				350	BAXDAT09	04-126	CP	350	
NC				351	BAXDAT11	04-126	CP	351	
NC				352	BAXDAT13	04-126	CP	352	
NC				353	BAXDAT15	04-126	CP	353	
NC				354	BAXDATPH	04-126	CP	354	
.....	J			04-146	CPTF	.....			
NC				009	B02TVLPC		TF		
NC				010	B02TVLPB		TF		
NC				011	B02TVLPA		TF		
NC				018	BAPBHE0	04-132	TF	018	
NC				019	BARASCK1	04-132	CP	019	
NC				022	BAXPWRRS	04-126	CP	022	
NC				035	BAEHIBYT	04-126	CP	035	
NC				036	BAXCNTWS	04-126	CP	036	
NC				042	BAXMEMRD	04-132	CP	042	
NC				050	BAXADD08	04-126	CP	050	
NC				051	BAXADD10	04-126	CP	051	
BAXADD12				052	BAXADD12	04-126	CP	052	
NC				053	BAXADD14	04-126	CP	053	
NC				054	BAXADD16	04-126	CP	054	
BAXADD18				055	BAXADD18	04-126	CP	055	
NC				107	GRD04146	04-146	CP	045	
NC				108	B02TVLPD	04-146	CP	008	
NC				109	B02TVLPC		TF		
NC				110	B02TVLPB		TF		
NC				111	B02TVLPA		TF		
NC				118	BAPZIN	04-126	CP	118	
NC				119	BAPLMPCS	04-126	CP	119	
NC				136	BAXDYRAS	04-126	CP	136	
NC				137	BAXDIRRW	04-126	CP	137	
NC				142	BAXMEMWT	04-132	CP	142	
NC				150	BAXADD09	04-126	CP	150	
NC				151	BAXADD11	04-126	CP	151	

CAD 032

(CONT'D)

TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....	J			04-146 (CONT'D)	CPTF	.....			
NC				152	BAXADD13	04-126	CP	152	
NC				153	BAXADD15	04-126	CP	153	
NC				154	BAXADD17	04-126	CP	154	
NC				155	BAXADD19	04-126	CP	155	
NC				156	BAXADDPH	04-126	CP	156	
NC				250	BAXDAT08	04-126	CP	250	
NC				251	BAXDAT10	04-126	CP	251	
NC				252	BAXDAT12	04-126	CP	252	
NC				253	BAXDAT14	04-126	CP	253	
NC				255	BAXADDPU	04-132	CP	255	
NC				350	BAXDAT09	04-126	CP	350	
NC				351	BAXDAT11	04-126	CP	351	
NC				352	BAXDAT13	04-126	CP	352	
NC				353	BAXDAT15	04-126	CP	353	
NC				354	BAXDATPH	04-126	CP	354	
NC				355	BAXCLK86	04-126	CP	355	
.....	J			04-160	CPTF	.....			
NC				007	GRD04160	04-160	CP	345	
NC				021	BBADD2PE	04-174	CP	021	
NC				022	BBXPWRRS	04-154	CP	022	
NC				033	BBX10MIN	04-154	CP	033	
NC				035	BBEHIBYT	04-154	CP	035	
NC				036	BBXCNTWS	04-154	CP	036	
NC				038	BBXINREQ	04-174	CP	038	
NC				039	BBXHDREQ	04-174	TF	039	
NC				107	GRD04160	04-160	CP	345	
NC				111	B07TVLPA	04-160	CP	011	
NC				118	BBPZIN	04-154	CP	118	
NC				119	BBPLMPCS	04-154	CP	119	
NC				120	BBCMDINT	04-154	CP	120	
NC				121	BBDATZPE	04-174	TF	121	
NC				137	BBXDIRRW	04-154	CP	137	
NC				138	BBXINACK	04-154	CP	138	
NC				250	BBXDAT08	04-154	CP	250	
NC				251	BBXDAT10	04-154	CP	251	
NC				252	BBXDAT12	04-154	CP	252	
NC				253	BBXDAT14	04-154	CP	253	
NC				350	BBXDAT09	04-154	CP	350	
NC				351	BBXDAT11	04-154	CP	351	
NC				352	BBXDAT13	04-154	CP	352	
NC				353	BBXDAT15	04-154	CP	353	
NC				354	BBXDATPH	04-154	CP	354	
.....	J			04-168	CPTF	.....			
NC				007	GRD04168	04-168	CP	200	
NC				021	BBADD2PE	04-174	CP	021	
NC				022	BBXPWRRS	04-154	CP	022	
NC				033	BBX10MIN	04-154	CP	033	
NC				035	BBEHIBYT	04-154	CP	035	
NC				036	BBXCNTWS	04-154	CP	036	
NC				038	BBXINREQ	04-174	CP	038	
NC				039	BBXHDREQ	04-174	TF	039	
NC				107	GRD04168	04-168	CP	200	
NC				111	B08TVLPA	04-168	CP	011	
NC				118	BBPZIN	04-154	CP	118	
NC				119	BBPLMPCS	04-154	CP	119	
NC				120	BBCMDINT	04-154	CP	120	
NC				121	BBDATZPE	04-174	TF	121	
NC				137	BBXDIRRW	04-154	CP	137	
NC				138	BBXINACK	04-154	CP	138	
NC				250	BBXDAT08	04-154	CP	250	
NC				251	BBXDAT10	04-154	CP	251	
NC				252	BBXDAT12	04-154	CP	252	
NC				253	BBXDAT14	04-154	CP	253	
NC				350	BBXDAT09	04-154	CP	350	
NC				351	BBXDAT11	04-154	CP	351	
NC				352	BBXDAT13	04-154	CP	352	
NC				353	BBXDAT15	04-154	CP	353	
NC				354	BBXDATPH	04-154	CP	354	
.....	J			04-174	CPTF	.....			
NC				009	B06TVLPC		TF		
NC				010	B06TVLPB		TF		
NC				011	B06TVLPA		TF		
NC				018	BBPBHE0	04-160	TF	018	
NC				019	BBRASCK1	04-160	CP	019	
NC				022	BBXPWRRS	04-154	CP	022	

CAD 032

(CONT'D)

TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....	J			04-174 (CONT'D)	CPTF	.....			
NC				035	BBEHIBYT	04-154	CP	035	
NC				036	BBXCNTWS	04-154	CP	036	
NC				042	BBXMEMRD	04-160	CP	042	
NC				050	BBXADD08	04-154	CP	050	
NC				051	BBXADD10	04-154	CP	051	
NC				052	BBXADD12	04-154	CP	052	
NC				053	BBXADD14	04-154	CP	053	
NC				054	BBXADD16	04-154	CP	054	
NC				055	BBXADD18	04-154	CP	055	
NC				107	GRD04174	04-174	CP	132	
NC				108	B06TVLPD	04-174	CP	008	
NC				109	B06TVLPC		TF		
NC				110	B06TVLPB		TF		
NC				111	B06TVLPA		TF		
NC				118	BBPDIN	04-154	CP	118	
NC				119	BBPLMPCS	04-154	CP	119	
NC				136	BBXDYRAS	04-154	CP	136	
NC				137	BBXDIRRW	04-154	CP	137	
NC				142	BBXMEMWT	04-160	CP	142	
NC				150	BBXADD09	04-154	CP	150	
NC				151	BBXADD11	04-154	CP	151	
NC				152	BBXADD13	04-154	CP	152	
NC				153	BBXADD15	04-154	CP	153	
NC				154	BBXADD17	04-154	CP	154	
NC				155	BBXADD19	04-154	CP	155	
NC				156	BBXADDPH	04-154	CP	156	
NC				250	BBXDAT08	04-154	CP	250	
NC				251	BBXDAT10	04-154	CP	251	
NC				252	BBXDAT12	04-154	CP	252	
NC				253	BBXDAT14	04-154	CP	253	
NC				255	BBXADDPU	04-160	CP	255	
NC				350	BBXDAT09	04-154	CP	350	
NC				351	BBXDAT11	04-154	CP	351	
NC				352	BBXDAT13	04-154	CP	352	
NC				353	BBXDAT15	04-154	CP	353	
NC				354	BBXDATPH	04-154	CP	354	
NC				355	BBXCLK86	04-154	CP	355	

CAD 033

SPARE POWER AND GROUNDS

TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....	J			04-126	CPTF	.....			
NC				213	GRD04126				
NC				214	B01TVLPD				
NC				216	B01TVLPB				
NC				217	GRD04126				
NC				224	GRD04126				
NC				314	B01TVLPD				
NC				316	B01TVLPB				

COPYRIGHT (c) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2

DWG SIZE: D2 | ISSUE: 2A

AT&T BELL LABORATORIES | SD-5D066-01 | GB9

PRINTED IN U.S.A.

CAD 033

(CONT'D)

TION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-154	CPTF	.....				.....J				04-174	BTR-CP	.....			
NC				213	GRD04154					NC				232					
NC				214	B05TVLPD					NC				233					
NC				216	B05TVLPB					NC				234	B0SYNCN				
NC				217	GRD04154					NC				235	B0CLKN				
NC				224	GRD04154					NC				236	B0TDATAN				
NC				314	B05TVLPD					NC				237	B0RDATAN				
NC				316	B05TVLPB					NC				238	GRD04174				
										NC				239	B1SYNCN				
.....J				04-120	TF	(SEE NOTE 103).....				NC				240	B1CLKN				
NC				044	B+5PWR01	04-126	CP	001		NC				241	B1TDATAN				
NC				144	B+5PWR01	04-126	CP	001		NC				242	B1RDATAN				
NC				212	B+5PWR01	04-126	CP	001		NC				243					
NC				244	B+5PWR01	04-126	CP	001		NC				332					
NC				312	B+5PWR01	04-126	CP	001		NC				333					
NC				344	B+5PWR01	04-126	CP	001		NC				334	B0SYNCP				
										NC				335	B0CLKP				
.....J				04-132	CPTF	.....				NC				336	B0TDATAP				
NC				400	GRD04132	04-132	CP	256		NC				337	B0RDATAP				
NC				401	GRD04132	04-132	CP	256		NC				338					
NC				410	GRD04132	04-132	CP	256		NC				339	B1SYNCP				
NC				411	GRD04132	04-132	CP	256		NC				340	B1CLKP				
NC				412	GRD04132	04-132	CP	256		NC				341	B1TDATAP				
NC				444	GRD04132	04-132	CP	256		NC				342	B1RDATAP				
NC				500	GRD04132	04-132	CP	256		NC				343					
NC				501	GRD04132	04-132	CP	256											
NC				510	GRD04132	04-132	CP	256											
NC				511	GRD04132	04-132	CP	256											
NC				512	GRD04132	04-132	CP	256											
NC				544	GRD04132	04-132	CP	256											
.....J				04-160	CPTF	.....													
NC				400	GRD04160	04-160	CP	345											
NC				401	GRD04160	04-160	CP	345											
NC				410	GRD04160	04-160	CP	345											
NC				411	GRD04160	04-160	CP	345											
NC				412	GRD04160	04-160	CP	345											
NC				444	GRD04160	04-160	CP	345											
NC				500	GRD04160	04-160	CP	345											
NC				501	GRD04160	04-160	CP	345											
NC				510	GRD04160	04-160	CP	345											
NC				511	GRD04160	04-160	CP	345											
NC				512	GRD04160	04-160	CP	345											
NC				544	GRD04160	04-160	CP	345											

CAD 034

BUS TERMINATING RESISTORS

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-154	BTR-CP	.....			
NC				201	GRD04154				
NC				202	B0CSA0				
NC				203	B1NITPC0				
NC				204	B0MARD0				
NC				301	GRD04154				
NC				302	B0INTR0				
NC				303	B0MDINT0				
NC				304	B0MAWT0				

CAD 035

BUS TERMINATING RESISTORS

COPYRIGHT (c) 1985 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	DWG SIZE D2	ISSUE 2A
AT&T BELL LABORATORIES	SD-5D066-01	GB10

PRINTED IN U.S.A.