

REVISION HISTORY

REV	DATE	PAGES AFFECTED
0	8/13/83	RELEASE TO LAYOUT
B03	10/12/84	RELEASE TO MANUFACTURING

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CONVEX

TITLE: PCBACKPLANE	ABBR: PCBP
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Fri Oct 12 14:23:37 1984	PAGE: PCBP.1

8 7 6 5 4 3 2 1

D

C

B

A

D

C

B

A

UPU0 10P
CONNECTORS 1B

UPU1 9P
CONNECTORS 1B

VCU 8P
CONNECTORS 1B

ASU 7P
CONNECTORS 1B

IPU 6P
CONNECTORS 1B

ATU 5P
CONNECTORS 1B

PCU 12P
CONNECTORS 1B

MCU 3P
CONNECTORS 1B

MAU0 2P
CONNECTORS 1B

MAU1 1P
CONNECTORS 1B

MAU2 24P
CONNECTORS 1B

MAU3 23P
CONNECTORS 1B

MAU4 22P
CONNECTORS 1B

MAU5 21P
CONNECTORS 1B

MAU6 20P
CONNECTORS 1B

MAU7 30P
CONNECTORS 1B

CCU3 29P
CONNECTORS 1B

CCU4 28P
CONNECTORS 1B

CCU5 27P
CONNECTORS 1B

CCU6 26P
CONNECTORS 1B

CCU7 25P
CONNECTORS 1B

SPU 13P
CONNECTORS 1B

J10-J13 31P
CONNECTORS 1B

DEFINE
A-CIRCUITS
X-STEP-511C

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CONVEX

TITLE: PCBACKPLANE	ABBR: PCBP
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Mon Oct 1 13:30:03 1984	PAGE: PCBP.2
3	2
	1

8 7 6 5 4 3 2 1

IP
300-41612-396
UASU-P1

A	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	AT-BP. SRC DAT<50>\G
09	CONGND \G
10	AT-BP. SRC DAT<55>\G
11	BP-AT. DST DAT<48>\G
12	BP-AT. DST DAT<52>\G
13	BP-AT. DST DAT<55>\G
14	AT-BP. SRC DAT<24>\G
15	AT-BP. SRC DAT<27>\G
16	AT-BP. SRC DAT<30>\G
17	CONGND \G
18	BP-AT. DST DAT<26>\G
19	BP-AT. DST DAT<29>\G
20	BP-AT. DST PAR<4>\G
21	AT-BP. SRC DAT<58>\G
22	AT-BP. SRC DAT<60>\G
23	AT-BP. SRC DAT<63>\G
24	BP-AT. DST DAT<57>\G
25	CONGND \G
26	BP-AT. DST DAT<62>\G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

B	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	AT-BP. SRC DAT<48>\G
08	AT-BP. SRC DAT<51>\G
09	AT-BP. SRC DAT<53>\G
10	AT-BP. SRC PAR<1>\G
11	BP-AT. DST DAT<50>\G
12	BP-AT. DST DAT<53>\G
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14	AT-BP. SRC DAT<25>\G
15	AT-BP. SRC DAT<28>\G
16	AT-BP. SRC DAT<31>\G
17	BP-AT. DST DAT<24>\G
18	BP-AT. DST DAT<27>\G
19	BP-AT. DST DAT<30>\G
20	AT-BP. SRC DAT<56>\G
21	AT-BP. SRC DAT<59>\G
22	AT-BP. SRC DAT<61>\G
23	AT-BP. SRC PAR<0>\G
24	BP-AT. DST DAT<58>\G
25	BP-AT. DST DAT<60>\G
26	BP-AT. DST DAT<63>\G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

C	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	AT-BP. SRC DAT<49>\G
08	AT-BP. SRC DAT<52>\G
09	AT-BP. SRC DAT<54>\G
10	BP-AT. DST DAT<48>\G
11	BP-AT. DST DAT<51>\G
12	BP-AT. DST DAT<54>\G
13	CONGND \G
14	AT-BP. SRC DAT<26>\G
15	AT-BP. SRC DAT<29>\G
16	AT-BP. SRC PAR<4>\G
17	BP-AT. DST DAT<25>\G
18	BP-AT. DST DAT<28>\G
19	BP-AT. DST DAT<31>\G
20	AT-BP. SRC DAT<57>\G
21	CONGND \G
22	AT-BP. SRC DAT<62>\G
23	BP-AT. DST DAT<56>\G
24	BP-AT. DST DAT<59>\G
25	BP-AT. DST DAT<61>\G
26	BP-AT. DST PAR<0>\G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

D

C

B

A

D

C

B

A

DEFINE
XREFS
K:STEP:9311

CONNECTOR P1

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TITLE:	ASUCONS	ABBR:	ASUCONS
DRAWING:	411-000110-300 REV B03	ENGR:	JONES
REVISED:	Mon Oct 1 14:06:26 1984	PAGE:	PCBP. 2 ASUCONS. 1

1P
300-41612-396
UASU-P2

A	
01	CONGND \G
02	AT-BP. SRC DAT<4>\G
03	AT-BP. SRC DAT<7>\G
04	BP-AT. DST DAT<1>\G
05	BP-AT. DST DAT<4>\G
06	BP-AT. DST DAT<6>\G
07	AT-BP. SRC DAT<32>\G
08	AT-BP. SRC DAT<35>\G
09	CONGND \G
10	AT-BP. SRC PAR<3>\G
11	BP-AT. DST DAT<34>\G
12	BP-AT. DST DAT<37>\G
13	BP-AT. DST PAR<3>\G
14	AT-BP. SRC DAT<9>\G
15	AT-BP. SRC DAT<12>\G
16	AT-BP. SRC DAT<15>\G
17	CONGND \G
18	BP-AT. DST DAT<11>\G
19	BP-AT. DST DAT<14>\G
20	AT-BP. SRC DAT<40>\G
21	AT-BP. SRC DAT<43>\G
22	AT-BP. SRC DAT<45>\G
23	AT-BP. SRC PAR<2>\G
24	BP-AT. DST DAT<42>\G
25	CONGND \G
26	BP-AT. DST DAT<47>\G
27	AT-BP. SRC DAT<17>\G
28	AT-BP. SRC DAT<20>\G
29	AT-BP. SRC DAT<23>\G
30	BP-AT. DST DAT<16>\G
31	BP-AT. DST DAT<19>\G
32	BP-AT. DST DAT<22>\G

B	
01	AT-BP. SRC DAT<2>\G
02	AT-BP. SRC DAT<5>\G
03	AT-BP. SRC PAR<7>\G
04	BP-AT. DST DAT<2>\G
05	BP-AT. DST DAT<5>\G
06	BP-AT. DST PAR<7>\G
07	AT-BP. SRC DAT<33>\G
08	AT-BP. SRC DAT<36>\G
09	AT-BP. SRC DAT<38>\G
10	BP-AT. DST DAT<32>\G
11	BP-AT. DST DAT<35>\G
12	BP-AT. DST DAT<38>\G
13	AT-BP. SRC DAT<8>\G
14	AT-BP. SRC DAT<10>\G
15	AT-BP. SRC DAT<13>\G
16	AT-BP. SRC PAR<8>\G
17	BP-AT. DST DAT<9>\G
18	BP-AT. DST DAT<12>\G
19	BP-AT. DST DAT<15>\G
20	AT-BP. SRC DAT<41>\G
21	AT-BP. SRC DAT<44>\G
22	AT-BP. SRC DAT<46>\G
23	BP-AT. DST DAT<40>\G
24	BP-AT. DST DAT<43>\G
25	BP-AT. DST DAT<45>\G
26	BP-AT. DST PAR<2>\G
27	AT-BP. SRC DAT<18>\G
28	AT-BP. SRC DAT<21>\G
29	AT-BP. SRC PAR<5>\G
30	BP-AT. DST DAT<17>\G
31	BP-AT. DST DAT<20>\G
32	BP-AT. DST DAT<23>\G

C	
01	AT-BP. SRC DAT<3>\G
02	AT-BP. SRC DAT<6>\G
03	BP-AT. DST DAT<0>\G
04	BP-AT. DST DAT<3>\G
05	CONGND \G
06	BP-AT. DST PAR<7>\G
07	AT-BP. SRC DAT<34>\G
08	AT-BP. SRC DAT<37>\G
09	AT-BP. SRC DAT<39>\G
10	BP-AT. DST DAT<33>\G
11	BP-AT. DST DAT<36>\G
12	BP-AT. DST DAT<39>\G
13	CONGND \G
14	AT-BP. SRC DAT<11>\G
15	AT-BP. SRC DAT<14>\G
16	BP-AT. DST DAT<8>\G
17	BP-AT. DST DAT<10>\G
18	BP-AT. DST DAT<13>\G
19	BP-AT. DST PAR<6>\G
20	AT-BP. SRC DAT<42>\G
21	CONGND \G
22	AT-BP. SRC DAT<47>\G
23	BP-AT. DST DAT<41>\G
24	BP-AT. DST DAT<44>\G
25	BP-AT. DST DAT<46>\G
26	AT-BP. SRC DAT<16>\G
27	AT-BP. SRC DAT<19>\G
28	AT-BP. SRC DAT<22>\G
29	CONGND \G
30	BP-AT. DST DAT<18>\G
31	BP-AT. DST DAT<21>\G
32	BP-AT. DST PAR<5>\G

CONNECTOR P2

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TITLE: ASUCONS
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REVISED: Mon Oct 1 14:07:28 1984

ABBR: ASUCONS
ENGR: JONES
PAGE: PCBP.2 ASUCONS.2

IP
300-41612-396
UASU-P3

A	
01	CONGND \G
02	IP-AS.PC/IMM<2>* \G
03	IP-AS.PC/IMM<5>* \G
04	IP-AS.PC/IMM<8>* \G
05	IP-AS.PC/IMM<11>* \G
06	IP-AS.PC/IMM<13>* \G
07	IP-AS.PC/IMM<16>* \G
08	IP-AS.PC/IMM<19>* \G
09	CONGND \G
10	IP-AS.PC/IMM<24>* \G
11	IP-AS.PC/IMM<27>* \G
12	IP-AS.PC/IMM<30>* \G
13	AT-BP.DATA SIZ/VAL<0>* \G
14	AT-BP.RTN CTL<0>* \G
15	AT-BP.RTN CTL<3>* \G
16	AS-AT.REQCYC<1>* \G
17	CONGND \G
18	BP-AT.RTN CTL<0>* \G
19	BP-AT.RTN CTL<3>* \G
20	AS-AT.REQSIZ<1>* \G
21	BP-AT.LADDR<2>* \G
22	BP-AT.LADDR<4>* \G
23	BP-AT.LADDR<7>* \G
24	BP-AT.LADDR<10>* \G
25	CONGND \G
26	BP-AT.LADDR<15>* \G
27	BP-AT.LADDR<18>* \G
28	BP-AT.LADDR<21>* \G
29	BP-AT.LADDR<24>* \G
30	BP-AT.LADDR<26>* \G
31	BP-AT.LADDR<29>* \G
32	NC

B	
01	IP-AS.PC/IMM<0>* \G
02	IP-AS.PC/IMM<3>* \G
03	IP-AS.PC/IMM<6>* \G
04	IP-AS.PC/IMM<9>* \G
05	IP-AS.PC/IMM<12>* \G
06	IP-AS.PC/IMM<14>* \G
07	IP-AS.PC/IMM<17>* \G
08	IP-AS.PC/IMM<20>* \G
09	IP-AS.PC/IMM<22>* \G
10	IP-AS.PC/IMM<25>* \G
11	IP-AS.PC/IMM<28>* \G
12	IP-AS.PC/IMM<31>* \G
13	AT-BP.DATA SIZ/VAL<1>* \G
14	AT-BP.RTN CTL<1>* \G
15	AT-BP.RTN CTL<4>* \G
16	AS-AT.REQCYC<2>* \G
17	AS-AT.REQCYC<4>* \G
18	BP-AT.RTN CTL<1>* \G
19	BP-AT.RTN CTL<4>* \G
20	BP-AT.LADDR<0>* \G
21	BP-AT.LADDR<3>* \G
22	BP-AT.LADDR<5>* \G
23	BP-AT.LADDR<8>* \G
24	BP-AT.LADDR<11>* \G
25	BP-AT.LADDR<13>* \G
26	BP-AT.LADDR<16>* \G
27	BP-AT.LADDR<19>* \G
28	BP-AT.LADDR<22>* \G
29	BP-AT.LADDR<25>* \G
30	BP-AT.LADDR<27>* \G
31	BP-AT.LADDR<30>* \G
32	AT-BP.SRC DAT<0>* \G

C	
01	IP-AS.PC/IMM<1>* \G
02	IP-AS.PC/IMM<4>* \G
03	IP-AS.PC/IMM<7>* \G
04	IP-AS.PC/IMM<10>* \G
05	CONGND \G
06	IP-AS.PC/IMM<15>* \G
07	IP-AS.PC/IMM<18>* \G
08	IP-AS.PC/IMM<21>* \G
09	IP-AS.PC/IMM<23>* \G
10	IP-AS.PC/IMM<26>* \G
11	IP-AS.PC/IMM<29>* \G
12	AS-IP.IMM SEL \G
13	CONGND \G
14	AT-BP.RTN CTL<2>* \G
15	AS-AT.REQCYC<0>* \G
16	AS-AT.REQCYC<3>* \G
17	AS-AT.REQCYC<5>* \G
18	BP-AT.RTN CTL<2>* \G
19	AS-AT.REQSIZ<0>* \G
20	BP-AT.LADDR<1>* \G
21	CONGND \G
22	BP-AT.LADDR<6>* \G
23	BP-AT.LADDR<9>* \G
24	BP-AT.LADDR<12>* \G
25	BP-AT.LADDR<14>* \G
26	BP-AT.LADDR<17>* \G
27	BP-AT.LADDR<20>* \G
28	BP-AT.LADDR<23>* \G
29	CONGND \G
30	BP-AT.LADDR<28>* \G
31	BP-AT.LADDR<31>* \G
32	AT-BP.SRC DAT<1>* \G

CONNECTOR P3

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TITLE:	ASUCONS	ABBR:	ASUCONS
DRAWING:	411-000110-300 REV B03	ENGR:	JONES
REVISED:	Mon Oct 1 14:08:35 1984	PAGE:	PCBP.2 ASUCONS.3

IP
300-41612-396
UASU-P5

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	AS-IP. TRAP*\G
24	NC
25	CONGND \G
26	IP-AS. BR EN*\G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	SP-AS. ASU20MHZ \G
08	SP-AS. ASUMPHASE \G
09	NC
10	AS-SP. ASUERR* \G
11	SP-AS. ASUODENA* \G
12	SP-BP. JPDMODE* \G
13	SP-BP. JPSCTL<0>* \G
14	SP-BP. JPSCTL<1>* \G
15	SP-BP. JPLDRAM* \G
16	SP-BP. JPCLEAR* \G
17	SP-BP. JPM5BDOUT* \G
18	SP-BP. JPL5BDOUT* \G
19	BP-BP. JPHALT* \G
20	NC
21	NC
22	NC
23	IP-AS. INST DISP*\G
24	NC
25	AS-IP. VEC VAL*\G
26	AS-IP. TAKE BR*\G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	CONGND \G
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	CONGND \G
22	NC
23	AS-IP. PURGE ICAC*\G
24	NC
25	IP-AS. VEC TRAP*\G
26	AS-IP. BR HAZ*\G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

CONNECTOR P5

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TITLE:	ASUCONS	ABBR:	ASUCONS
DRAWING:	411-000110-300 REV B03	ENGR:	JONES
REVISED:	Mon Oct 1 14:10:04 1984	PAGE:	PCBP. 2 ASUCONS. 5

1P
300-41612-396
UATU-P1

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	AT-BP. SRC DAT<50>\G
09	CONGND \G
10	AT-BP. SRC DAT<55>\G
11	BP-AT. DST DAT<49>\G
12	BP-AT. DST DAT<52>\G
13	BP-AT. DST DAT<55>\G
14	AT-BP. SRC DAT<24>\G
15	AT-BP. SRC DAT<27>\G
16	AT-BP. SRC DAT<30>\G
17	CONGND \G
18	BP-AT. DST DAT<26>\G
19	BP-AT. DST DAT<29>\G
20	BP-AT. DST PAR<4>\G
21	AT-BP. SRC DAT<58>\G
22	AT-BP. SRC DAT<60>\G
23	AT-BP. SRC DAT<63>\G
24	BP-AT. DST DAT<57>\G
25	CONGND \G
26	BP-AT. DST DAT<62>\G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	AT-BP. SRC DAT<48>\G
08	AT-BP. SRC DAT<51>\G
09	AT-BP. SRC DAT<53>\G
10	AT-BP. SRC PAR<1>\G
11	BP-AT. DST DAT<50>\G
12	BP-AT. DST DAT<53>\G
13	BP-AT. DST PAR<1>\G
14	AT-BP. SRC DAT<25>\G
15	AT-BP. SRC DAT<28>\G
16	AT-BP. SRC DAT<31>\G
17	BP-AT. DST DAT<24>\G
18	BP-AT. DST DAT<27>\G
19	BP-AT. DST DAT<30>\G
20	AT-BP. SRC DAT<56>\G
21	AT-BP. SRC DAT<59>\G
22	AT-BP. SRC DAT<61>\G
23	AT-BP. SRC PAR<0>\G
24	BP-AT. DST DAT<58>\G
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26	BP-AT. DST DAT<63>\G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	AT-BP. SRC DAT<49>\G
08	AT-BP. SRC DAT<52>\G
09	AT-BP. SRC DAT<54>\G
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12	BP-AT. DST DAT<54>\G
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14	AT-BP. SRC DAT<26>\G
15	AT-BP. SRC DAT<29>\G
16	AT-BP. SRC PAR<4>\G
17	BP-AT. DST DAT<25>\G
18	BP-AT. DST DAT<28>\G
19	BP-AT. DST DAT<31>\G
20	AT-BP. SRC DAT<57>\G
21	CONGND \G
22	AT-BP. SRC DAT<62>\G
23	BP-AT. DST DAT<56>\G
24	BP-AT. DST DAT<59>\G
25	BP-AT. DST DAT<61>\G
26	BP-AT. DST PAR<0>\G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

DEFINE
P1:105TH
K=011P211E

CONNECTOR P1

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TITLE: ATUCONS
DRAWING: 411-000110-300 REV B03

ABBR: ATUCONS
ENGR: JONES

REVISED: Mon Oct 1 14:19:35 1984 PAGE: PCBP.2 ATUCONS.1

1P
300-41612-396
UATU-P2

A	
01	CONGND \G
02	AT-BP. SRC DAT<4>\G
03	AT-BP. SRC DAT<7>\G
04	BP-AT. DST DAT<1>\G
05	BP-AT. DST DAT<4>\G
06	BP-AT. DST DAT<6>\G
07	AT-BP. SRC DAT<32>\G
08	AT-BP. SRC DAT<35>\G
09	CONGND \G
10	AT-BP. SRC PAR<3>\G
11	BP-AT. DST DAT<34>\G
12	BP-AT. DST DAT<37>\G
13	BP-AT. DST PAR<3>\G
14	AT-BP. SRC DAT<9>\G
15	AT-BP. SRC DAT<12>\G
16	AT-BP. SRC DAT<15>\G
17	CONGND \G
18	BP-AT. DST DAT<11>\G
19	BP-AT. DST DAT<14>\G
20	AT-BP. SRC DAT<40>\G
21	AT-BP. SRC DAT<43>\G
22	AT-BP. SRC DAT<45>\G
23	AT-BP. SRC PAR<2>\G
24	BP-AT. DST DAT<42>\G
25	CONGND \G
26	BP-AT. DST DAT<47>\G
27	AT-BP. SRC DAT<17>\G
28	AT-BP. SRC DAT<20>\G
29	AT-BP. SRC DAT<23>\G
30	BP-AT. DST DAT<16>\G
31	BP-AT. DST DAT<19>\G
32	BP-AT. DST DAT<22>\G

B	
01	AT-BP. SRC DAT<2>\G
02	AT-BP. SRC DAT<5>\G
03	AT-BP. SRC PAR<7>\G
04	BP-AT. DST DAT<2>\G
05	BP-AT. DST DAT<5>\G
06	BP-AT. DST DAT<7>\G
07	AT-BP. SRC DAT<33>\G
08	AT-BP. SRC DAT<36>\G
09	AT-BP. SRC DAT<38>\G
10	BP-AT. DST DAT<32>\G
11	BP-AT. DST DAT<35>\G
12	BP-AT. DST DAT<38>\G
13	AT-BP. SRC DAT<8>\G
14	AT-BP. SRC DAT<10>\G
15	AT-BP. SRC DAT<13>\G
16	AT-BP. SRC PAR<6>\G
17	BP-AT. DST DAT<9>\G
18	BP-AT. DST DAT<12>\G
19	BP-AT. DST DAT<15>\G
20	AT-BP. SRC DAT<41>\G
21	AT-BP. SRC DAT<44>\G
22	AT-BP. SRC DAT<46>\G
23	BP-AT. DST DAT<40>\G
24	BP-AT. DST DAT<43>\G
25	BP-AT. DST DAT<45>\G
26	BP-AT. DST PAR<2>\G
27	AT-BP. SRC DAT<18>\G
28	AT-BP. SRC DAT<21>\G
29	AT-BP. SRC PAR<5>\G
30	BP-AT. DST DAT<17>\G
31	BP-AT. DST DAT<20>\G
32	BP-AT. DST DAT<23>\G

C	
01	AT-BP. SRC DAT<3>\G
02	AT-BP. SRC DAT<6>\G
03	BP-AT. DST DAT<0>\G
04	BP-AT. DST DAT<3>\G
05	CONGND \G
06	BP-AT. DST PAR<7>\G
07	AT-BP. SRC DAT<34>\G
08	AT-BP. SRC DAT<37>\G
09	AT-BP. SRC DAT<39>\G
10	BP-AT. DST DAT<33>\G
11	BP-AT. DST DAT<36>\G
12	BP-AT. DST DAT<39>\G
13	CONGND \G
14	AT-BP. SRC DAT<11>\G
15	AT-BP. SRC DAT<14>\G
16	BP-AT. DST DAT<8>\G
17	BP-AT. DST DAT<10>\G
18	BP-AT. DST DAT<13>\G
19	BP-AT. DST PAR<6>\G
20	AT-BP. SRC DAT<42>\G
21	CONGND \G
22	AT-BP. SRC DAT<47>\G
23	BP-AT. DST DAT<41>\G
24	BP-AT. DST DAT<44>\G
25	BP-AT. DST DAT<46>\G
26	AT-BP. SRC DAT<16>\G
27	AT-BP. SRC DAT<19>\G
28	AT-BP. SRC DAT<22>\G
29	CONGND \G
30	BP-AT. DST DAT<18>\G
31	BP-AT. DST DAT<21>\G
32	BP-AT. DST PAR<5>\G

CONNECTOR P2

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TITLE:	ATUCONS	ABBR:	ATUCONS
DRAWING:	411-000110-300 REV B03	ENGR:	JONES
REVISED:	Mon Oct 1 14:20:34 1984	PAGE:	PCBP.2 ATUCONS.2

IP
300-41612-396
UATU-P3

- A
- 01 CONGND \G
- 02 AT-PM. SEQ ENAB<7>* \G
- 03 AT-PM. SEQ ENAB<6>* \G
- 04 AT-PM. SEQ ENAB<5>* \G
- 05 AT-PM. SEQ ENAB<4>* \G
- 06 AT-PM. SEQ ENAB<3>* \G
- 07 AT-PM. SEQ ENAB<2>* \G
- 08 AT-PM. SEQ ENAB<1>* \G
- 09 CONGND \G
- 10 AT-PM. SEQ ENAB<0>* \G
- 11 AT-PM. GSEQ CLK BLK \G
- 12 NC
- 13 AT-BP. DATA SIZ/VAL<0>\G
- 14 AT-BP. RTN CTL<0>\G
- 15 AT-BP. RTN CTL<3>\G
- 16 AS-AT. REQCYC<1>\G
- 17 CONGND \G
- 18 BP-AT. RTN CTL<0>\G
- 19 BP-AT. RTN CTL<3>\G
- 20 AS-AT. REQ SIZ<1>\G
- 21 BP-AT. LADDR<2>\G
- 22 BP-AT. LADDR<4>\G
- 23 BP-AT. LADDR<7>\G
- 24 BP-AT. LADDR<10>\G
- 25 CONGND \G
- 26 BP-AT. LADDR<15>\G
- 27 BP-AT. LADDR<18>\G
- 28 BP-AT. LADDR<21>\G
- 29 BP-AT. LADDR<24>\G
- 30 BP-AT. LADDR<26>\G
- 31 BP-AT. LADDR<29>\G
- 32 IP-AT. REQ CYC \G

- B
- 01 AT-PM. ATF HIT* \G
- 02 AT-PM. ATF MISS* \G
- 03 AT-PM. ATF FAULT \G
- 04 AT-PM. LC VALID \G
- 05 AT-PM. LC PURGE* \G
- 06 AT-PM. LC WR* \G
- 07 AT-PM. LC ST INH* \G
- 08 AT-PM. LC DATA RD* \G
- 09 AT-PM. LC IND RD* \G
- 10 AT-PM. LC NAL RD* \G
- 11 AT-PM. LC UPDATE \G
- 12 NC
- 13 AT-BP. DATA SIZ/VAL<1>\G
- 14 AT-BP. RTN CTL<1>\G
- 15 AT-BP. RTN CTL<4>\G
- 16 AS-AT. REQCYC<2>\G
- 17 AS-AT. REQCYC<4>\G
- 18 BP-AT. RTN CTL<1>\G
- 19 BP-AT. RTN CTL<4>\G
- 20 BP-AT. LADDR<0>\G
- 21 BP-AT. LADDR<3>\G
- 22 BP-AT. LADDR<5>\G
- 23 BP-AT. LADDR<8>\G
- 24 BP-AT. LADDR<11>\G
- 25 BP-AT. LADDR<13>\G
- 26 BP-AT. LADDR<16>\G
- 27 BP-AT. LADDR<19>\G
- 28 BP-AT. LADDR<22>\G
- 29 BP-AT. LADDR<25>\G
- 30 BP-AT. LADDR<27>\G
- 31 BP-AT. LADDR<30>\G
- 32 AT-BP. SRC DAT<0>\G

- C
- 01 AT-PM. DSP OR RET* \G
- 02 AT-PM. SDS FULL \G
- 03 AT-PM. IDLE \G
- 04 AT-PM. LAS FULL \G
- 05 CONGND \G
- 06 AT-PM. QUE STATE<3>* \G
- 07 AT-PM. QUE STATE<2>* \G
- 08 AT-PM. QUE STATE<1>* \G
- 09 AT-PM. QUE STATE<0>* \G
- 10 AT-PM. QUE EMPTY* \G
- 11 AT-PM. QST HAZ \G
- 12 NC
- 13 CONGND \G
- 14 AT-BP. RTN CTL<2>\G
- 15 AS-AT. REQCYC<0>\G
- 16 AS-AT. REQCYC<3>\G
- 17 AS-AT. REQCYC<5>\G
- 18 BP-AT. RTN CTL<2>\G
- 19 AS-AT. REQ SIZ<0>\G
- 20 BP-AT. LADDR<1>\G
- 21 CONGND \G
- 22 BP-AT. LADDR<6>\G
- 23 BP-AT. LADDR<9>\G
- 24 BP-AT. LADDR<12>\G
- 25 BP-AT. LADDR<14>\G
- 26 BP-AT. LADDR<17>\G
- 27 BP-AT. LADDR<20>\G
- 28 BP-AT. LADDR<23>\G
- 29 CONGND \G
- 30 BP-AT. LADDR<28>\G
- 31 BP-AT. LADDR<31>\G
- 32 AT-BP. SRC DAT<1>\G

CONNECTOR P3

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CONVEX

TITLE: ATUCONS
DRAWING: 411-000110-300 REV 003

ABBR: ATUCONS
ENGR: JONES

REVISED: Mon Oct 1 14:21:18 1984 PAGE: PCBP.2 ATUCONS.3

UCCU3-P1
300-41612-396
1P

A	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	CCU3ID<2>* O
08	CCU3ID<3>* O
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	PS-SP, P53UPOS \G
26	PS-SP, MINUS12V \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

B	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	BP-BP, P_DATA<56> \G
08	BP-BP, P_DATA<57> \G
09	CONGND \G
10	BP-BP, P_DATA<58> \G
11	BP-BP, P_DATA<59> \G
12	BP-BP, P_DATA<60> \G
13	BP-BP, P_DATA<61> \G
14	BP-BP, P_DATA<62> \G
15	BP-BP, P_DATA<63> \G
16	SP-BP, LINECLK \G
17	CONGND \G
18	BP-BP, P_PAR<7> \G
19	BP-BP, P_PAR<3> \G
20	BP-BP, P_PAR<6> \G
21	BP-BP, P_PAR<2> \G
22	BP-BP, P_PAR<5> \G
23	BP-BP, P_PAR<1> \G
24	BP-BP, P_PAR<4> \G
25	CONGND \G
26	BP-BP, P_PAR<0> \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

C	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	CONGND \G
08	CONGND \G
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	PS-SP, P53UNEG \G
26	PS-SP, PLUS12V \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

DEFINE
P53UPOS
P53UNEG

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CONNECTOR P1

TITLE: CCU3CONS	ABBR: CCU3CONS
DRAWING: 411-00110-300 REV B03	ENGR: NOBLES
REVISED: Fri Oct 5 10:33:26 1984	PAGE: PCBP.2 CCU3CONS.1

UCCU3-P2
300-41612-396
1P

A	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	CONGND \G
02	BP-BP.P_DATA<16> \G
03	BP-BP.P_DATA<17> \G
04	BP-BP.P_DATA<18> \G
05	CONGND \G
06	BP-BP.P_DATA<19> \G
07	BP-BP.P_DATA<20> \G
08	BP-BP.P_DATA<21> \G
09	CONGND \G
10	BP-BP.P_DATA<22> \G
11	BP-BP.P_DATA<23> \G
12	BP-BP.P_DATA<48> \G
13	CONGND \G
14	BP-BP.P_DATA<49> \G
15	BP-BP.P_DATA<50> \G
16	BP-BP.P_DATA<51> \G
17	CONGND \G
18	BP-BP.P_DATA<52> \G
19	BP-BP.P_DATA<53> \G
20	BP-BP.P_DATA<54> \G
21	CONGND \G
22	BP-BP.P_DATA<55> \G
23	BP-BP.P_DATA<24> \G
24	BP-BP.P_DATA<25> \G
25	CONGND \G
26	BP-BP.P_DATA<26> \G
27	BP-BP.P_DATA<27> \G
28	BP-BP.P_DATA<28> \G
29	CONGND \G
30	BP-BP.P_DATA<29> \G
31	BP-BP.P_DATA<30> \G
32	BP-BP.P_DATA<31> \G

C	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
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12	NC
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14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

CONNECTOR P2

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TITLE: CCU3CONS	ABBR: CCU3CONS
DRAWING: 411-000110-300 REV B03	ENGR: NOBLES
REVISED: Fri Oct 5 10:55:37 1984	PAGE: PCBP.2 CCU3CONS.2

UCCU3-P3
300-41612-396

1P

A	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	CONGND \G
02	BP-BP.P_DATA<8> \G
03	BP-BP.P_DATA<9> \G
04	BP-BP.P_DATA<10> \G
05	CONGND \G
06	BP-BP.P_DATA<11> \G
07	BP-BP.P_DATA<12> \G
08	BP-BP.P_DATA<13> \G
09	CONGND \G
10	BP-BP.P_DATA<14> \G
11	BP-BP.P_DATA<15> \G
12	BP-BP.P_DATA<40> \G
13	CONGND \G
14	BP-BP.P_DATA<41> \G
15	BP-BP.P_DATA<42> \G
16	BP-BP.P_DATA<43> \G
17	CONGND \G
18	BP-BP.P_DATA<44> \G
19	BP-BP.P_DATA<45> \G
20	BP-BP.P_DATA<46> \G
21	CONGND \G
22	BP-BP.P_DATA<47> \G
23	BP-BP.P_IBINTU<0> \G
24	BP-BP.P_IBINTU<1> \G
25	CONGND \G
26	BP-BP.P_IBINTU<2> \G
27	BP-BP.P_IBINTU<3> \G
28	BP-BP.P_IBINTU<4> \G
29	CONGND \G
30	BP-BP.P_IBINTU<5> \G
31	BP-BP.P_IBINTU<6> \G
32	BP-BP.P_IBINTU<7> \G

C	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

CONNECTOR P3

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TITLE:	CCU3CONS	ABBR:	CCU3CONS
DRAWING:	411-000110-300 REV B03	ENGR:	NOBLES
REVISED:	Mon Oct 1 15:30:11 1984	PAGE:	PCBP.2 CCU3CONS.3

UCCU3-P4
300-41612-396

1P

A	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	CONGND \G
02	MC-BP, P_HDR* \G
03	BP-MC, P_SLAT* \G
04	BP-MC, P_BUSLOCK* \G
05	CONGND \G
06	CC3-MC, P_IBREQ* \G
07	MC-CC3, P_IBGRNT* \G
08	MC-BP, P_IBINT* \G
09	CONGND \G
10	BP-MC, P_IBIACK* \G
11	MC-BP, P_IBICOMP* \G
12	BP-BP, P_DATA<0> \G
13	CONGND \G
14	BP-BP, P_DATA<1> \G
15	BP-BP, P_DATA<2> \G
16	BP-BP, P_DATA<3> \G
17	CONGND \G
18	BP-BP, P_DATA<4> \G
19	BP-BP, P_DATA<5> \G
20	BP-BP, P_DATA<6> \G
21	CONGND \G
22	BP-BP, P_DATA<7> \G
23	BP-BP, P_DATA<32> \G
24	BP-BP, P_DATA<33> \G
25	CONGND \G
26	BP-BP, P_DATA<34> \G
27	BP-BP, P_DATA<35> \G
28	BP-BP, P_DATA<36> \G
29	CONGND \G
30	BP-BP, P_DATA<37> \G
31	BP-BP, P_DATA<38> \G
32	BP-BP, P_DATA<39> \G

C	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

CONNECTOR P4

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CONVEX

TITLE: CCU3CONS
DRAWING: 411-000110-300 REV B03

ABBR: CCU3CONS
ENGR: NOBLES

REVISED: Fri Oct 5 11:00:28 1984

PAGE: PCBP.2 CCU3CONS.4

UCCU3-P5
300-41612-396
1P

A	
01	_CONVCC \G
02	_CONVCC \G
03	_CONVCC \G
04	_CONGND \G
05	_CONGND \G
06	_CONGND \G
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	_CONGND \G
28	_CONGND \G
29	_CONGND \G
30	_CONVCC \G
31	_CONVCC \G
32	_CONVCC \G

B	
01	_CONVCC \G
02	_CONVCC \G
03	_CONVCC \G
04	_CONGND \G
05	_CONGND \G
06	_CONGND \G
07	SP-CC3. CC320MHZ \G
08	SP-CC3. CC3MPHASE \G
09	SP-CC3. CC3GPHASE \G
10	CC3-SP. CC3ERR* \G
11	SP-CC3. CC30DENA* \G
12	SP-BP. CCDMODE* \G
13	SP-BP. CCSCTL<0>* \G
14	SP-BP. CCSCTL<1>* \G
15	SP-BP. CCLDRAM* \G
16	SP-BP. CCLEAR* \G
17	SP-BP. CCMSBDOUT* \G
18	SP-BP. CCLSBDOUT* \G
19	NC
20	CC3-MC. P_CCR<3>* \G
21	MC-CC3. P_CCG<3>* \G
22	BP-MC. P_CBAV* \G
23	MC-BP. P_MBAV* \G
24	BP-BP. P_DVAL* \G
25	MC-BP. P_BUSER* \G
26	MC-BP. P_MEMERR* \G
27	_CONGND \G
28	_CONGND \G
29	_CONGND \G
30	_CONVCC \G
31	_CONVCC \G
32	_CONVCC \G

C	
01	_CONVCC \G
02	_CONVCC \G
03	_CONVCC \G
04	_CONGND \G
05	_CONGND \G
06	_CONGND \G
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	_CONGND \G
28	_CONGND \G
29	_CONGND \G
30	_CONVCC \G
31	_CONVCC \G
32	_CONVCC \G

CONNECTOR P5

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CONVEX

TITLE: CCU3CONS
DRAWING: 411-000110-300 REV B03

ABBR: CCU3CONS
ENGR: NOBLES

REVISED: Tue Oct 2 10:44:31 1984

PAGE: PCBP.2 CCU3CONS.5

UCCU4-P1
300-41612-396
1P

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	CONGND \G
08	CCU4ID<3>*
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	PS-SP, PS3UPOS \G
26	PS-SP, MINUS12V \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	BP-BP, P_DATA<56> \G
08	BP-BP, P_DATA<57> \G
09	CONGND \G
10	BP-BP, P_DATA<58> \G
11	BP-BP, P_DATA<59> \G
12	BP-BP, P_DATA<60> \G
13	BP-BP, P_DATA<61> \G
14	BP-BP, P_DATA<62> \G
15	BP-BP, P_DATA<63> \G
16	SP-BP, LINECLK \G
17	CONGND \G
18	BP-BP, P_PAR<7> \G
19	BP-BP, P_PAR<3> \G
20	BP-BP, P_PAR<6> \G
21	BP-BP, P_PAR<2> \G
22	BP-BP, P_PAR<5> \G
23	BP-BP, P_PAR<1> \G
24	BP-BP, P_PAR<4> \G
25	CONGND \G
26	BP-BP, P_PAR<8> \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	CCU4ID<0>*
08	CCU4ID<1>*
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	PS-SP, PS3UNEG \G
26	PS-SP, PLUS12V \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

DEFINE

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CONNECTOR P1

TITLE:	CCU4CONS	ABBR:	CCU4CONS
DRAWING:	411-000110-300 REV B03	ENGR:	NOBLES
REVISED:	Fri Oct 5 10:34:32 1984	PAGE:	PCBP.2 CCU4CONS.1

UCCU4-P2
300-41612-396
1P

A	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	CONGND \G
02	BP-BP.P_DATA<16> \G
03	BP-BP.P_DATA<17> \G
04	BP-BP.P_DATA<18> \G
05	CONGND \G
06	BP-BP.P_DATA<19> \G
07	BP-BP.P_DATA<20> \G
08	BP-BP.P_DATA<21> \G
09	CONGND \G
10	BP-BP.P_DATA<22> \G
11	BP-BP.P_DATA<23> \G
12	BP-BP.P_DATA<4B> \G
13	CONGND \G
14	BP-BP.P_DATA<4B> \G
15	BP-BP.P_DATA<50> \G
16	BP-BP.P_DATA<51> \G
17	CONGND \G
18	BP-BP.P_DATA<52> \G
19	BP-BP.P_DATA<53> \G
20	BP-BP.P_DATA<54> \G
21	CONGND \G
22	BP-BP.P_DATA<55> \G
23	BP-BP.P_DATA<24> \G
24	BP-BP.P_DATA<25> \G
25	CONGND \G
26	BP-BP.P_DATA<26> \G
27	BP-BP.P_DATA<27> \G
28	BP-BP.P_DATA<28> \G
29	CONGND \G
30	BP-BP.P_DATA<29> \G
31	BP-BP.P_DATA<30> \G
32	BP-BP.P_DATA<31> \G

C	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

CONNECTOR P2

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CONVEX

TITLE: CCU4CONS
DRAWING: 411-000110-300 REV B03
REVISED: Fri Oct 5 11:06:13 1984

ABBR: CCU4CONS
ENGR: NOBLES
PAGE: PCBP.2 CCU4CONS.2

UCCU4-P3
300-41612-396

1P

A	NC
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	CONGND \G
01	BP-BP.P_DATA<8> \G
02	BP-BP.P_DATA<9> \G
03	BP-BP.P_DATA<10> \G
04	CONGND \G
05	BP-BP.P_DATA<11> \G
06	BP-BP.P_DATA<12> \G
07	BP-BP.P_DATA<13> \G
08	CONGND \G
09	BP-BP.P_DATA<14> \G
10	BP-BP.P_DATA<15> \G
11	BP-BP.P_DATA<40> \G
12	CONGND \G
13	BP-BP.P_DATA<41> \G
14	BP-BP.P_DATA<42> \G
15	BP-BP.P_DATA<43> \G
16	CONGND \G
17	BP-BP.P_DATA<44> \G
18	BP-BP.P_DATA<45> \G
19	BP-BP.P_DATA<46> \G
20	CONGND \G
21	BP-BP.P_DATA<47> \G
22	BP-BP.P_IBINTV<0> \G
23	BP-BP.P_IBINTV<1> \G
24	CONGND \G
25	BP-BP.P_IBINTV<2> \G
26	BP-BP.P_IBINTV<3> \G
27	BP-BP.P_IBINTV<4> \G
28	CONGND \G
29	BP-BP.P_IBINTV<5> \G
30	BP-BP.P_IBINTV<6> \G
31	BP-BP.P_IBINTV<7> \G
32	

C	NC
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

D

C

B

A

CONNECTOR P3

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CONVEX

TITLE: CCU4CONS	ABBR: CCU4CONS
DRAWING: 411-002110-300 REV B03	ENGR: NOBLES
REVISED: Mon Oct 1 15:35:12 1984	PAGE: PCBP.2 CCU4CONS.3

UCCU4-P4
300-41612-396

1P

A	NC
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	CONGND \G
01	MC-BP, P_HDR* \G
02	BP-MC, P_SLAT* \G
03	BP-MC, P_BUSLOCK* \G
04	CONGND \G
05	CC4-MC, P_IBREQ* \G
06	MC-CC4, P_IBGRNT* \G
07	MC-BP, P_IBINT* \G
08	CONGND \G
09	BP-MC, P_IBIACK* \G
10	MC-BP, P_IBICOMP* \G
11	BP-BP, P_DATA<0> \G
12	CONGND \G
13	BP-BP, P_DATA<1> \G
14	BP-BP, P_DATA<2> \G
15	BP-BP, P_DATA<3> \G
16	CONGND \G
17	BP-BP, P_DATA<4> \G
18	BP-BP, P_DATA<5> \G
19	BP-BP, P_DATA<6> \G
20	CONGND \G
21	BP-BP, P_DATA<7> \G
22	BP-BP, P_DATA<32> \G
23	BP-BP, P_DATA<33> \G
24	CONGND \G
25	BP-BP, P_DATA<34> \G
26	BP-BP, P_DATA<35> \G
27	BP-BP, P_DATA<36> \G
28	CONGND \G
29	BP-BP, P_DATA<37> \G
30	BP-BP, P_DATA<38> \G
31	BP-BP, P_DATA<39> \G
32	CONGND \G

C	NC
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

CONNECTOR P4

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CONVEX

TITLE: CCU4CONS	ABBR: CCU4CONS
DRAWING: 411-000110-300 REV B03	ENGR: NOBLES
REVISED: Fri Oct 5 11:11:09 1984	PAGE: PCBP.2 CCU4CONS.4

UCCU4-P5
300-41612-396
1P

A	
01	_CONVCC \G
02	_CONVCC \G
03	_CONVCC \G
04	_CONGND \G
05	_CONGND \G
06	_CONGND \G
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	_CONGND \G
28	_CONGND \G
29	_CONGND \G
30	_CONVCC \G
31	_CONVCC \G
32	_CONVCC \G

B	
01	_CONVCC \G
02	_CONVCC \G
03	_CONVCC \G
04	_CONGND \G
05	_CONGND \G
06	_CONGND \G
07	SP-CC4. CC420MHZ \G
08	SP-CC4. CC4MPHASE \G
09	SP-CC4. CC4GPHASE \G
10	CC4-SP. CC4ERR* \G
11	SP-CC4. CC40DENA* \G
12	SP-BP. CCDMODE* \G
13	SP-BP. CCSCTL<0>* \G
14	SP-BP. CCSCTL<1>* \G
15	SP-BP. CCLDRAM* \G
16	SP-BP. CCCLEAR* \G
17	SP-BP. CCMSBDOUT* \G
18	SP-BP. CCLSBDOUT* \G
19	NC
20	CC4-MC. P_CCR<4>* \G
21	MC-CC4. P_CCG<4>* \G
22	BP-MC. P_CBAU* \G
23	MC-BP. P_MBAU* \G
24	BP-BP. P_DUAL* \G
25	MC-BP. P_BUSERR* \G
26	MC-BP. P_MEMERR* \G
27	_CONGND \G
28	_CONGND \G
29	_CONGND \G
30	_CONVCC \G
31	_CONVCC \G
32	_CONVCC \G

C	
01	_CONVCC \G
02	_CONVCC \G
03	_CONVCC \G
04	_CONGND \G
05	_CONGND \G
06	_CONGND \G
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	_CONGND \G
28	_CONGND \G
29	_CONGND \G
30	_CONVCC \G
31	_CONVCC \G
32	_CONVCC \G

CONNECTOR P5

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CONVEX

TITLE: CCU4CONS	ABBR: CCU4CONS
DRAWING: 411-000110-300 REV B03	ENGR: NOBLES
REVISED: Tue Oct 2 11:05:03 1984	PAGE: PCBP.2 CCU4CONS.5

UCCUS-P1
300-41612-396
1P

A	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	CONGND \G
08	CCUSID<3>* O
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	PS-SP.P53VPOS \G
26	PS-SP.MINUS12V \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

B	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	BP-BP.P_DATA<56> \G
08	BP-BP.P_DATA<57> \G
09	CONGND \G
10	BP-BP.P_DATA<58> \G
11	BP-BP.P_DATA<59> \G
12	BP-BP.P_DATA<60> \G
13	BP-BP.P_DATA<61> \G
14	BP-BP.P_DATA<62> \G
15	BP-BP.P_DATA<63> \G
16	SP-BP.LINECLK \G
17	CONGND \G
18	BP-BP.P_PAR<7> \G
19	BP-BP.P_PAR<3> \G
20	BP-BP.P_PAR<6> \G
21	BP-BP.P_PAR<2> \G
22	BP-BP.P_PAR<5> \G
23	BP-BP.P_PAR<1> \G
24	BP-BP.P_PAR<4> \G
25	CONGND \G
26	BP-BP.P_PAR<0> \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

C	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	CONGND \G
08	CCUSID<1>* O
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	PS-SP.P53VNEG \G
26	PS-SP.PLUS12V \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

DEFINIC
X-STEP0013C

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CONVEX

CONNECTOR P1

TITLE:	CCUSCONS	ABBR:	CCUSCONS
DRAWING:	411-000110-300 REV B03	ENGR:	NOBLES
REVISED:	Fri Oct 5 10:35:25 1984	PAGE:	PCBP.2 CCUSCONS.1

UCCU5-P2
300-41612-396
1P

A	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	CONGND \G
02	BP-BP, P_DATA<16> \G
03	BP-BP, P_DATA<17> \G
04	BP-BP, P_DATA<18> \G
05	CONGND \G
06	BP-BP, P_DATA<19> \G
07	BP-BP, P_DATA<20> \G
08	BP-BP, P_DATA<21> \G
09	CONGND \G
10	BP-BP, P_DATA<22> \G
11	BP-BP, P_DATA<23> \G
12	BP-BP, P_DATA<48> \G
13	CONGND \G
14	BP-BP, P_DATA<49> \G
15	BP-BP, P_DATA<50> \G
16	BP-BP, P_DATA<51> \G
17	CONGND \G
18	BP-BP, P_DATA<52> \G
19	BP-BP, P_DATA<53> \G
20	BP-BP, P_DATA<54> \G
21	CONGND \G
22	BP-BP, P_DATA<55> \G
23	BP-BP, P_DATA<24> \G
24	BP-BP, P_DATA<25> \G
25	CONGND \G
26	BP-BP, P_DATA<26> \G
27	BP-BP, P_DATA<27> \G
28	BP-BP, P_DATA<28> \G
29	CONGND \G
30	BP-BP, P_DATA<29> \G
31	BP-BP, P_DATA<30> \G
32	BP-BP, P_DATA<31> \G

C	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

CONNECTOR P2

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CONVEX

TITLE: CCU5CONS	ABBR: CCU5CONS
DRAWING: 411-000110-300 REV B03	ENGR: NOBLES
REVISED: Fri Oct 5 11:16:09 1984	PAGE: PCB.P.2 CCU5CONS.2

UCCU5-P3
300-41612-396

1P

A	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	CONGND \G
02	BP-BP.P_DATA<8> \G
03	BP-BP.P_DATA<9> \G
04	BP-BP.P_DATA<10> \G
05	CONGND \G
06	BP-BP.P_DATA<11> \G
07	BP-BP.P_DATA<12> \G
08	BP-BP.P_DATA<13> \G
09	CONGND \G
10	BP-BP.P_DATA<14> \G
11	BP-BP.P_DATA<15> \G
12	BP-BP.P_DATA<40> \G
13	CONGND \G
14	BP-BP.P_DATA<41> \G
15	BP-BP.P_DATA<42> \G
16	BP-BP.P_DATA<43> \G
17	CONGND \G
18	BP-BP.P_DATA<44> \G
19	BP-BP.P_DATA<45> \G
20	BP-BP.P_DATA<46> \G
21	CONGND \G
22	BP-BP.P_DATA<47> \G
23	BP-BP.P_IBINTV<0> \G
24	BP-BP.P_IBINTV<1> \G
25	CONGND \G
26	BP-BP.P_IBINTV<2> \G
27	BP-BP.P_IBINTV<3> \G
28	BP-BP.P_IBINTV<4> \G
29	CONGND \G
30	BP-BP.P_IBINTV<5> \G
31	BP-BP.P_IBINTV<6> \G
32	BP-BP.P_IBINTV<7> \G

C	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

CONNECTOR P3

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CONVEX

TITLE: CCUSCONS
DRAWING: 411-000110-300 REV B03

ABBR: CCUSCONS
ENGR: NOBLES

REVISED: Mon Oct 1 15:41:53 1984 | PAGE: PCBP.2 CCUSCONS.3

UCCU5-P4
300-41612-396

1P

A	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	CONGND \G
02	MC-BP.P_HDR* \G
03	BP-MC.P_SLAT* \G
04	BP-MC.P_BUSLOCK* \G
05	CONGND \G
06	CC5-MC.P_IBREQ* \G
07	MC-CC5.P_IBGRNT* \G
08	MC-BP.P_IBINT* \G
09	CONGND \G
10	BP-MC.P_IBIACK* \G
11	MC-BP.P_IBICOMP* \G
12	BP-BP.P_DATA<0> \G
13	CONGND \G
14	BP-BP.P_DATA<1> \G
15	BP-BP.P_DATA<2> \G
16	BP-BP.P_DATA<3> \G
17	CONGND \G
18	BP-BP.P_DATA<4> \G
19	BP-BP.P_DATA<5> \G
20	BP-BP.P_DATA<6> \G
21	CONGND \G
22	BP-BP.P_DATA<7> \G
23	BP-BP.P_DATA<32> \G
24	BP-BP.P_DATA<33> \G
25	CONGND \G
26	BP-BP.P_DATA<34> \G
27	BP-BP.P_DATA<35> \G
28	BP-BP.P_DATA<36> \G
29	CONGND \G
30	BP-BP.P_DATA<37> \G
31	BP-BP.P_DATA<38> \G
32	BP-BP.P_DATA<39> \G

C	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

CONNECTOR P4

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CONVEX

TITLE: CCUSCONS
DRAWING: 411-000110-300 REV B03

ABBR: CCUSCONS
ENGR: NOBLES

REVISED: Fri Oct 5 11:22:36 1984 | PAGE: PCBP.2 CCUSCONS.4

UCCU5-P5
 300-41612-396
 1P

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	SP-CC5. CC520MHZ \G
08	SP-CC5. CC5MPHASE \G
09	SP-CC5. CC5GPHASE \G
10	CC5-SP. CCSERR* \G
11	SP-CC5. CC50DENA* \G
12	SP-BP. CCDMODE* \G
13	SP-BP. CCSCTL<0>* \G
14	SP-BP. CCSCTL<1>* \G
15	SP-BP. CCLDRAM* \G
16	SP-BP. CCCLEAR* \G
17	SP-BP. CCMSBDOUT* \G
18	SP-BP. CCLSBDOUT* \G
19	NC
20	CC5-MC. P_CCR<5>* \G
21	MC-CC5. P_CCG<5>* \G
22	BP-MC. P_CBAV* \G
23	MC-BP. P_MBAV* \G
24	BP-BP. P_DVAL* \G
25	MC-BP. P_BUSERR* \G
26	MC-BP. P_MEMERR* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

CONNECTOR P5

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TITLE: CCUSCONS	ABBR: CCUSCONS
DRAWING: 411-000110-300 REV B03	ENGR: NOBLES
REVISED: Tue Oct 2 11:08:23 1984	PAGE: PCBP.2 CCUSCONS.5

UCCUB-P1
300-41612-396
1P

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	CONGND \G
08	CCUBID<3>*
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	PS-SP.P53UPOS \G
26	PS-SP.MINUS12V \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	BP-BP.P_DATA<56> \G
08	BP-BP.P_DATA<57> \G
09	CONGND \G
10	BP-BP.P_DATA<58> \G
11	BP-BP.P_DATA<59> \G
12	BP-BP.P_DATA<60> \G
13	BP-BP.P_DATA<61> \G
14	BP-BP.P_DATA<62> \G
15	BP-BP.P_DATA<63> \G
16	SP-BP.LINECLK \G
17	CONGND \G
18	BP-BP.P_PAR<7> \G
19	BP-BP.P_PAR<3> \G
20	BP-BP.P_PAR<6> \G
21	BP-BP.P_PAR<2> \G
22	BP-BP.P_PAR<5> \G
23	BP-BP.P_PAR<1> \G
24	BP-BP.P_PAR<4> \G
25	CONGND \G
26	BP-BP.P_PAR<0> \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	CCUBID<0>*
08	CONGND \G
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	PS-SP.P53VNEG \G
26	PS-SP.PLUS12V \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

DEFINITION
4-718974
M-11C-911E

CONNECTOR P1

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CONVEX

TITLE: CCUBCONS
DRAWING: 411-000110-300 REV B03

ABBR: CCUBCONS
ENGR: NOBLES

REVISED: Fri Oct 5 10:36:24 1984 PAGE: PCBP.2 CCUBCONS.1

UCCU6-P2
300-41612-396
1P

A	NC
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	CONGND \G
01	BP-BP, P_DATA<16> \G
02	BP-BP, P_DATA<17> \G
03	BP-BP, P_DATA<18> \G
04	CONGND \G
05	BP-BP, P_DATA<19> \G
06	BP-BP, P_DATA<20> \G
07	BP-BP, P_DATA<21> \G
08	CONGND \G
09	BP-BP, P_DATA<22> \G
10	BP-BP, P_DATA<23> \G
11	BP-BP, P_DATA<48> \G
12	CONGND \G
13	BP-BP, P_DATA<49> \G
14	BP-BP, P_DATA<50> \G
15	BP-BP, P_DATA<51> \G
16	CONGND \G
17	BP-BP, P_DATA<52> \G
18	BP-BP, P_DATA<53> \G
19	BP-BP, P_DATA<54> \G
20	CONGND \G
21	BP-BP, P_DATA<55> \G
22	BP-BP, P_DATA<24> \G
23	BP-BP, P_DATA<25> \G
24	CONGND \G
25	BP-BP, P_DATA<26> \G
26	BP-BP, P_DATA<27> \G
27	BP-BP, P_DATA<28> \G
28	CONGND \G
29	BP-BP, P_DATA<29> \G
30	BP-BP, P_DATA<30> \G
31	BP-BP, P_DATA<31> \G
32	

C	NC
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

CONNECTOR P2

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CONVEX

TITLE: CCU6CONS	ABBR: CCU6CONS
DRAWING: 411-00110-300 REV B03	ENGR: NOBLES
REVISED: Fri Oct 5 11:26:46 1984	PAGE: PCB.P.2 CCU6CONS.2

UCCU6-P3
300-41612-396

1P

A	NC
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	CONGND \G
01	BP-BP.P_DATA<8> \G
02	BP-BP.P_DATA<9> \G
03	BP-BP.P_DATA<10> \G
04	CONGND \G
05	BP-BP.P_DATA<11> \G
06	BP-BP.P_DATA<12> \G
07	BP-BP.P_DATA<13> \G
08	CONGND \G
09	BP-BP.P_DATA<14> \G
10	BP-BP.P_DATA<15> \G
11	BP-BP.P_DATA<40> \G
12	CONGND \G
13	BP-BP.P_DATA<41> \G
14	BP-BP.P_DATA<42> \G
15	BP-BP.P_DATA<43> \G
16	CONGND \G
17	BP-BP.P_DATA<44> \G
18	BP-BP.P_DATA<45> \G
19	BP-BP.P_DATA<46> \G
20	CONGND \G
21	BP-BP.P_DATA<47> \G
22	BP-BP.P_IBINTV<0>\G
23	BP-BP.P_IBINTV<1>\G
24	CONGND \G
25	BP-BP.P_IBINTV<2>\G
26	BP-BP.P_IBINTV<3>\G
27	BP-BP.P_IBINTV<4>\G
28	CONGND \G
29	BP-BP.P_IBINTV<5>\G
30	BP-BP.P_IBINTV<6>\G
31	BP-BP.P_IBINTV<7>\G
32	

C	NC
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

CONNECTOR P3

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CONVEX

TITLE: CCUSCONS	ABBR: CCUSCONS
DRAWING: 411-000110-300 REV B03	ENGR: NOBLES
REVISED: Mon Oct 1 15:46:40 1984	PAGE: PCBP.2 CCUSCONS.3

8

7

6

3

2

1

8

7

6

5

4

3

2

1

UCCU6-P4
300-41612-396

1P

A		NC
01		NC
02		NC
03		NC
04		NC
05		NC
06		NC
07		NC
08		NC
09		NC
10		NC
11		NC
12		NC
13		NC
14		NC
15		NC
16		NC
17		NC
18		NC
19		NC
20		NC
21		NC
22		NC
23		NC
24		NC
25		NC
26		NC
27		NC
28		NC
29		NC
30		NC
31		NC
32		NC

B		CONGND \G
01		MC-BP.P_HDR* \G
02		BP-MC.P_SLAT* \G
03		BP-MC.P_BUSLOCK* \G
04		CONGND \G
05		CC6-MC.P_IBRE0* \G
06		MC-CC6.P_IBGRNT* \G
07		MC-BP.P_IBINT* \G
08		CONGND \G
09		BP-MC.P_IBIACK* \G
10		MC-BP.P_IBICOMP* \G
11		BP-BP.P_DATA<0> \G
12		CONGND \G
13		BP-BP.P_DATA<1> \G
14		BP-BP.P_DATA<2> \G
15		BP-BP.P_DATA<3> \G
16		CONGND \G
17		BP-BP.P_DATA<4> \G
18		BP-BP.P_DATA<5> \G
19		BP-BP.P_DATA<6> \G
20		CONGND \G
21		BP-BP.P_DATA<7> \G
22		BP-BP.P_DATA<32> \G
23		BP-BP.P_DATA<33> \G
24		CONGND \G
25		BP-BP.P_DATA<34> \G
26		BP-BP.P_DATA<35> \G
27		BP-BP.P_DATA<36> \G
28		CONGND \G
29		BP-BP.P_DATA<37> \G
30		BP-BP.P_DATA<38> \G
31		BP-BP.P_DATA<39> \G
32		

C		NC
01		NC
02		NC
03		NC
04		NC
05		NC
06		NC
07		NC
08		NC
09		NC
10		NC
11		NC
12		NC
13		NC
14		NC
15		NC
16		NC
17		NC
18		NC
19		NC
20		NC
21		NC
22		NC
23		NC
24		NC
25		NC
26		NC
27		NC
28		NC
29		NC
30		NC
31		NC
32		NC

D

C

B

A

CONNECTOR P4

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CONVEX

TITLE: CCU6CONS
DRAWING: 411-000110-300 REV B03
REVISED: Fr: Oct 5 11:30:17 1984

ABBR: CCU6CONS
ENGR: NOBLES
PAGE: PCBP.2 CCU6CONS.4

8

7

6

3

2

1

UCCUB-P5
300-41612-396
1P

- | | |
|----|-----------|
| A | |
| 01 | CONVCC \G |
| 02 | CONVCC \G |
| 03 | CONVCC \G |
| 04 | CONGND \G |
| 05 | CONGND \G |
| 06 | CONGND \G |
| 07 | NC |
| 08 | NC |
| 09 | NC |
| 10 | NC |
| 11 | NC |
| 12 | NC |
| 13 | NC |
| 14 | NC |
| 15 | NC |
| 16 | NC |
| 17 | NC |
| 18 | NC |
| 19 | NC |
| 20 | NC |
| 21 | NC |
| 22 | NC |
| 23 | NC |
| 24 | NC |
| 25 | NC |
| 26 | NC |
| 27 | CONGND \G |
| 28 | CONGND \G |
| 29 | CONGND \G |
| 30 | CONVCC \G |
| 31 | CONVCC \G |
| 32 | CONVCC \G |

- | | |
|----|----------------------|
| B | |
| 01 | CONVCC \G |
| 02 | CONVCC \G |
| 03 | CONVCC \G |
| 04 | CONGND \G |
| 05 | CONGND \G |
| 06 | CONGND \G |
| 07 | SP-CC6, CC620MHZ \G |
| 08 | SP-CC6, CC6MPHASE \G |
| 09 | SP-CC6, CC6GPHASE \G |
| 10 | CC6-SP, CC6ERR* \G |
| 11 | SP-CC6, CC60DENR* \G |
| 12 | SP-BP, CCDMODE* \G |
| 13 | SP-BP, CCSCTL<0>* \G |
| 14 | SP-BP, CCSCTL<1>* \G |
| 15 | SP-BP, CCLDRAM* \G |
| 16 | SP-BP, CCCLEAR* \G |
| 17 | SP-BP, CCMSBDOUT* \G |
| 18 | SP-BP, CCLSDOUT* \G |
| 19 | NC |
| 20 | CC6-MC, P_CCR<6>* \G |
| 21 | MC-CC6, P_CCG<6>* \G |
| 22 | BP-MC, P_CBAV* \G |
| 23 | MC-BP, P_MBAV* \G |
| 24 | BP-BP, P_DVAL* \G |
| 25 | MC-BP, P_BUSERR* \G |
| 26 | MC-BP, P_MEMERR* \G |
| 27 | CONGND \G |
| 28 | CONGND \G |
| 29 | CONGND \G |
| 30 | CONVCC \G |
| 31 | CONVCC \G |
| 32 | CONVCC \G |

- | | |
|----|-----------|
| C | |
| 01 | CONVCC \G |
| 02 | CONVCC \G |
| 03 | CONVCC \G |
| 04 | CONGND \G |
| 05 | CONGND \G |
| 06 | CONGND \G |
| 07 | NC |
| 08 | NC |
| 09 | NC |
| 10 | NC |
| 11 | NC |
| 12 | NC |
| 13 | NC |
| 14 | NC |
| 15 | NC |
| 16 | NC |
| 17 | NC |
| 18 | NC |
| 19 | NC |
| 20 | NC |
| 21 | NC |
| 22 | NC |
| 23 | NC |
| 24 | NC |
| 25 | NC |
| 26 | NC |
| 27 | CONGND \G |
| 28 | CONGND \G |
| 29 | CONGND \G |
| 30 | CONVCC \G |
| 31 | CONVCC \G |
| 32 | CONVCC \G |

CONNECTOR P5

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TITLE: CCUBCONS	ABBR: CCUBCONS
DRAWING: 411-002110-300 REV B03	ENGR: NOBLES
REVISED: Tue Oct 2 11:11:40 1984	PAGE: PCBP.2 CCUBCONS.5

UCCU7-P1
300-41612-396
1P

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	CONGND \G
08	CCU7ID<3>*
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	PS-SP.P53VPOS \G
26	PS-SP.MINUS12V \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	BP-BP.P_DATA<56> \G
08	BP-BP.P_DATA<57> \G
09	CONGND \G
10	BP-BP.P_DATA<58> \G
11	BP-BP.P_DATA<59> \G
12	BP-BP.P_DATA<60> \G
13	BP-BP.P_DATA<61> \G
14	BP-BP.P_DATA<62> \G
15	BP-BP.P_DATA<63> \G
16	SP-BP.LINECLK \G
17	CONGND \G
18	BP-BP.P_PAR<7> \G
19	BP-BP.P_PAR<3> \G
20	BP-BP.P_PAR<6> \G
21	BP-BP.P_PAR<2> \G
22	BP-BP.P_PAR<5> \G
23	BP-BP.P_PAR<1> \G
24	BP-BP.P_PAR<4> \G
25	CONGND \G
26	BP-BP.P_PAR<0> \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	CONGND \G
08	CONGND \G
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	PS-SP.P53VNEG \G
26	PS-SP.PLUS12V \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

D
C
B
A

DEFIN
FIRST
STEP

CONNECTOR P1

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CONVEX

TITLE:	CCU7CONS	ABBR:	CCU7CONS
DRAWING:	411-000110-300 REV B03	ENGR:	NOBLES
REVISED:	Fri Oct 5 10:37:17 1984	PAGE:	PCBP.2 CCU7CONS.1

UCCU7-P2
300-41612-396
1P

A	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	CONGND \G
02	BP-BP.P_DATA<16> \G
03	BP-BP.P_DATA<17> \G
04	BP-BP.P_DATA<18> \G
05	CONGND \G
06	BP-BP.P_DATA<19> \G
07	BP-BP.P_DATA<20> \G
08	BP-BP.P_DATA<21> \G
09	CONGND \G
10	BP-BP.P_DATA<22> \G
11	BP-BP.P_DATA<23> \G
12	BP-BP.P_DATA<48> \G
13	CONGND \G
14	BP-BP.P_DATA<49> \G
15	BP-BP.P_DATA<50> \G
16	BP-BP.P_DATA<51> \G
17	CONGND \G
18	BP-BP.P_DATA<52> \G
19	BP-BP.P_DATA<53> \G
20	BP-BP.P_DATA<54> \G
21	CONGND \G
22	BP-BP.P_DATA<55> \G
23	BP-BP.P_DATA<24> \G
24	BP-BP.P_DATA<25> \G
25	CONGND \G
26	BP-BP.P_DATA<26> \G
27	BP-BP.P_DATA<27> \G
28	BP-BP.P_DATA<28> \G
29	CONGND \G
30	BP-BP.P_DATA<29> \G
31	BP-BP.P_DATA<30> \G
32	BP-BP.P_DATA<31> \G

C	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

CONNECTOR P2

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TITLE:	CCU7CONS	ABBR:	CCU7CONS
DRAWING:	411-000110-300 REV B03	ENGR:	NOBLES
REVISED:	Fri Oct 5 11:33:50 1984	PAGE:	PCBP.2 CCU7CONS.2

UCCU7-P3
300-41612-396

1P

A	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	CONGND \G
02	BP-BP.P_DATA<0> \G
03	BP-BP.P_DATA<9> \G
04	BP-BP.P_DATA<10> \G
05	CONGND \G
06	BP-BP.P_DATA<11> \G
07	BP-BP.P_DATA<12> \G
08	BP-BP.P_DATA<13> \G
09	CONGND \G
10	BP-BP.P_DATA<14> \G
11	BP-BP.P_DATA<15> \G
12	BP-BP.P_DATA<40> \G
13	CONGND \G
14	BP-BP.P_DATA<41> \G
15	BP-BP.P_DATA<42> \G
16	BP-BP.P_DATA<43> \G
17	CONGND \G
18	BP-BP.P_DATA<44> \G
19	BP-BP.P_DATA<45> \G
20	BP-BP.P_DATA<46> \G
21	CONGND \G
22	BP-BP.P_DATA<47> \G
23	BP-BP.P_IBINTV<0> \G
24	BP-BP.P_IBINTV<1> \G
25	CONGND \G
26	BP-BP.P_IBINTV<2> \G
27	BP-BP.P_IBINTV<3> \G
28	BP-BP.P_IBINTV<4> \G
29	CONGND \G
30	BP-BP.P_IBINTV<5> \G
31	BP-BP.P_IBINTV<6> \G
32	BP-BP.P_IBINTV<7> \G

C	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

CONNECTOR P3

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CONVEX

TITLE: CCU7CONS
DRAWING: 411-000110-300 REV B03

ABBR: CCU7CONS
ENGR: NOBLES

REVISED: Mon Oct 1 15:51:31 1984 | PAGE: PCBP.2 CCU7CONS.3

UCCU7-P4
300-41612-396

1P

A	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	CONGND \G
02	MC-BP.P_HDR* \G
03	BP-MC.P_SLAT* \G
04	BP-MC.P_BUSLOCK* \G
05	CONGND \G
06	CC7-MC.P_IBREQ* \G
07	MC-CC7.P_IBGRNT* \G
08	MC-BP.P_IBINT* \G
09	CONGND \G
10	BP-MC.P_IBIACK* \G
11	MC-BP.P_IBICOMP* \G
12	BP-BP.P_DATA<0> \G
13	CONGND \G
14	BP-BP.P_DATA<1> \G
15	BP-BP.P_DATA<2> \G
16	BP-BP.P_DATA<3> \G
17	CONGND \G
18	BP-BP.P_DATA<4> \G
19	BP-BP.P_DATA<5> \G
20	BP-BP.P_DATA<6> \G
21	CONGND \G
22	BP-BP.P_DATA<7> \G
23	BP-BP.P_DATA<32> \G
24	BP-BP.P_DATA<33> \G
25	CONGND \G
26	BP-BP.P_DATA<34> \G
27	BP-BP.P_DATA<35> \G
28	BP-BP.P_DATA<36> \G
29	CONGND \G
30	BP-BP.P_DATA<37> \G
31	BP-BP.P_DATA<38> \G
32	BP-BP.P_DATA<39> \G

C	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

CONNECTOR P4

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CONVEX

TITLE: CCU7CONS
DRAWING: 411-000110-300 REV B03

ABBR: CCU7CONS
ENGR: NOBLES

REVISED: Fri Oct 5 11:48:42 1984 | PAGE: PCB.2 CCU7CONS.4

UCCU7-P5
 300-41612-396
 1P

A	
01	_CONVCC \G
02	_CONVCC \G
03	_CONVCC \G
04	_CONGND \G
05	_CONGND \G
06	_CONGND \G
07	- NC
08	- NC
09	- NC
10	- NC
11	- NC
12	- NC
13	- NC
14	- NC
15	- NC
16	- NC
17	- NC
18	- NC
19	- NC
20	- NC
21	- NC
22	- NC
23	- NC
24	- NC
25	- NC
26	- NC
27	_CONGND \G
28	_CONGND \G
29	_CONGND \G
30	_CONVCC \G
31	_CONVCC \G
32	_CONVCC \G

B	
01	_CONVCC \G
02	_CONVCC \G
03	_CONVCC \G
04	_CONGND \G
05	_CONGND \G
06	_CONGND \G
07	- SP-CC7. CC720MHZ \G
08	- SP-CC7. CC7MPHASE \G
09	- SP-CC7. CC7GPHASE \G
10	○ CC7-SP. CC7ERR* \G
11	○ SP-CC7. CC7ODENA* \G
12	○ SP-BP. CCDMODE* \G
13	○ SP-BP. CCSCTL<0>* \G
14	○ SP-BP. CCSCTL<1>* \G
15	○ SP-BP. CCLDRAM* \G
16	○ SP-BP. CCCLEAR* \G
17	○ SP-BP. CCMSBDOUT* \G
18	○ SP-BP. CCLSBDOUT* \G
19	- NC
20	○ CC7-MC. P_CCR<7>* \G
21	○ MC-CC7. P_CCG<7>* \G
22	○ BP-MC. P_CBAV* \G
23	○ MC-BP. P_MBAV* \G
24	○ BP-BP. P_DUAL* \G
25	○ MC-BP. P_BUSERR* \G
26	○ MC-BP. P_MEMERR* \G
27	_CONGND \G
28	_CONGND \G
29	_CONGND \G
30	_CONVCC \G
31	_CONVCC \G
32	_CONVCC \G

C	
01	_CONVCC \G
02	_CONVCC \G
03	_CONVCC \G
04	_CONGND \G
05	_CONGND \G
06	_CONGND \G
07	- NC
08	- NC
09	- NC
10	- NC
11	- NC
12	- NC
13	- NC
14	- NC
15	- NC
16	- NC
17	- NC
18	- NC
19	- NC
20	- NC
21	- NC
22	- NC
23	- NC
24	- NC
25	- NC
26	- NC
27	_CONGND \G
28	_CONGND \G
29	_CONGND \G
30	_CONVCC \G
31	_CONVCC \G
32	_CONVCC \G

CONNECTOR P5

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CONVEX

TITLE: CCU7CONS
 DRAWING: 411-000110-300 REV B03

ABBR: CCU7CONS
 ENGR: NOBLES

REVISED: Tue Oct 2 11:14:47 1984 PAGE: PCB. 2 CCU7CONS. 5

1P
300-41612-396
UIPU-P1

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	AT-BP. SRC DAT<50>\G
09	CONGND \G
10	AT-BP. SRC DAT<55>\G
11	BP-AT. DST DAT<49>\G
12	BP-AT. DST DAT<52>\G
13	BP-AT. DST DAT<55>\G
14	AT-BP. SRC DAT<24>\G
15	AT-BP. SRC DAT<27>\G
16	AT-BP. SRC DAT<30>\G
17	CONGND \G
18	BP-AT. DST DAT<26>\G
19	BP-AT. DST DAT<29>\G
20	BP-AT. DST PAR<4>\G
21	AT-BP. SRC DAT<58>\G
22	AT-BP. SRC DAT<60>\G
23	AT-BP. SRC DAT<63>\G
24	BP-AT. DST DAT<57>\G
25	CONGND \G
26	BP-AT. DST DAT<62>\G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	AT-BP. SRC DAT<48>\G
08	AT-BP. SRC DAT<51>\G
09	AT-BP. SRC DAT<53>\G
10	AT-BP. SRC PAR<1>\G
11	BP-AT. DST DAT<50>\G
12	BP-AT. DST DAT<53>\G
13	BP-AT. DST PAR<1>\G
14	AT-BP. SRC DAT<25>\G
15	AT-BP. SRC DAT<28>\G
16	AT-BP. SRC DAT<31>\G
17	BP-AT. DST DAT<24>\G
18	BP-AT. DST DAT<27>\G
19	BP-AT. DST DAT<30>\G
20	AT-BP. SRC DAT<56>\G
21	AT-BP. SRC DAT<59>\G
22	AT-BP. SRC DAT<61>\G
23	AT-BP. SRC PAR<0>\G
24	BP-AT. DST DAT<58>\G
25	BP-AT. DST DAT<60>\G
26	BP-AT. DST DAT<63>\G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	AT-BP. SRC DAT<49>\G
08	AT-BP. SRC DAT<52>\G
09	AT-BP. SRC DAT<54>\G
10	BP-AT. DST DAT<48>\G
11	BP-AT. DST DAT<51>\G
12	BP-AT. DST DAT<54>\G
13	CONGND \G
14	AT-BP. SRC DAT<26>\G
15	AT-BP. SRC DAT<29>\G
16	AT-BP. SRC PAR<4>\G
17	BP-AT. DST DAT<25>\G
18	BP-AT. DST DAT<28>\G
19	BP-AT. DST DAT<31>\G
20	AT-BP. SRC DAT<57>\G
21	CONGND \G
22	AT-BP. SRC DAT<62>\G
23	BP-AT. DST DAT<56>\G
24	BP-AT. DST DAT<59>\G
25	BP-AT. DST DAT<61>\G
26	BP-AT. DST PAR<0>\G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

DEFINE
X_FIRST=0
X_STEP=SIZE

CONNECTOR P1

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TITLE: IPUCONS	ABBR: IPUCONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Mon Oct 1 14:11:37 1984	PAGE: PCB.2 IPUCONS.1

1P
300-41612-396
UIPU-P2

A	
01	CONGND \G
02	AT-BP. SRC DAT<4>\G
03	AT-BP. SRC DAT<7>\G
04	BP-AT. DST DAT<1>\G
05	BP-AT. DST DAT<4>\G
06	BP-AT. DST DAT<5>\G
07	AT-BP. SRC DAT<32>\G
08	AT-BP. SRC DAT<35>\G
09	CONGND \G
10	AT-BP. SRC PAR<3>\G
11	BP-AT. DST DAT<34>\G
12	BP-AT. DST DAT<37>\G
13	BP-AT. DST PAR<3>\G
14	AT-BP. SRC DAT<9>\G
15	AT-BP. SRC DAT<12>\G
16	AT-BP. SRC DAT<15>\G
17	CONGND \G
18	BP-AT. DST DAT<11>\G
19	BP-AT. DST DAT<14>\G
20	AT-BP. SRC DAT<40>\G
21	AT-BP. SRC DAT<43>\G
22	AT-BP. SRC DAT<45>\G
23	AT-BP. SRC PAR<2>\G
24	BP-AT. DST DAT<42>\G
25	CONGND \G
26	BP-AT. DST DAT<47>\G
27	AT-BP. SRC DAT<17>\G
28	AT-BP. SRC DAT<20>\G
29	AT-BP. SRC DAT<23>\G
30	BP-AT. DST DAT<16>\G
31	BP-AT. DST DAT<19>\G
32	BP-AT. DST DAT<22>\G

B	
01	AT-BP. SRC DAT<2>\G
02	AT-BP. SRC DAT<5>\G
03	AT-BP. SRC PAR<7>\G
04	BP-AT. DST DAT<2>\G
05	BP-AT. DST DAT<5>\G
06	BP-AT. DST DAT<7>\G
07	AT-BP. SRC DAT<33>\G
08	AT-BP. SRC DAT<36>\G
09	AT-BP. SRC DAT<38>\G
10	BP-AT. DST DAT<32>\G
11	BP-AT. DST DAT<35>\G
12	BP-AT. DST DAT<38>\G
13	AT-BP. SRC DAT<8>\G
14	AT-BP. SRC DAT<10>\G
15	AT-BP. SRC DAT<13>\G
16	AT-BP. SRC PAR<6>\G
17	BP-AT. DST DAT<9>\G
18	BP-AT. DST DAT<12>\G
19	BP-AT. DST DAT<15>\G
20	AT-BP. SRC DAT<41>\G
21	AT-BP. SRC DAT<44>\G
22	AT-BP. SRC DAT<46>\G
23	BP-AT. DST DAT<40>\G
24	BP-AT. DST DAT<43>\G
25	BP-AT. DST DAT<45>\G
26	BP-AT. DST PAR<2>\G
27	AT-BP. SRC DAT<18>\G
28	AT-BP. SRC DAT<21>\G
29	AT-BP. SRC PAR<5>\G
30	BP-AT. DST DAT<17>\G
31	BP-AT. DST DAT<20>\G
32	BP-AT. DST DAT<23>\G

C	
01	AT-BP. SRC DAT<3>\G
02	AT-BP. SRC DAT<6>\G
03	BP-AT. DST DAT<0>\G
04	BP-AT. DST DAT<3>\G
05	CONGND \G
06	BP-AT. DST PAR<7>\G
07	AT-BP. SRC DAT<34>\G
08	AT-BP. SRC DAT<37>\G
09	AT-BP. SRC DAT<39>\G
10	BP-AT. DST DAT<33>\G
11	BP-AT. DST DAT<36>\G
12	BP-AT. DST DAT<39>\G
13	CONGND \G
14	AT-BP. SRC DAT<11>\G
15	AT-BP. SRC DAT<14>\G
16	BP-AT. DST DAT<8>\G
17	BP-AT. DST DAT<10>\G
18	BP-AT. DST DAT<13>\G
19	BP-AT. DST PAR<6>\G
20	AT-BP. SRC DAT<42>\G
21	CONGND \G
22	AT-BP. SRC DAT<47>\G
23	BP-AT. DST DAT<41>\G
24	BP-AT. DST DAT<44>\G
25	BP-AT. DST DAT<46>\G
26	AT-BP. SRC DAT<16>\G
27	AT-BP. SRC DAT<19>\G
28	AT-BP. SRC DAT<22>\G
29	CONGND \G
30	BP-AT. DST DAT<18>\G
31	BP-AT. DST DAT<21>\G
32	BP-AT. DST PAR<5>\G

CONNECTOR P2

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CONVEX

TITLE: IPUCONS
DRAWING: 411-000110-300 REV 003

ABBR: IPUCONS
ENGR: JONES

REVISED: Mon Oct 1 14:13:30 1984 | PAGE: PCBP.2 IPUCONS.2

1P
300-41612-396
UIPU-P3

- A
- 01 CONGND \G
- 02 IP-AS.PC/IMM<2>* \G
- 03 IP-AS.PC/IMM<5>* \G
- 04 IP-AS.PC/IMM<8>* \G
- 05 IP-AS.PC/IMM<11>* \G
- 06 IP-AS.PC/IMM<13>* \G
- 07 IP-AS.PC/IMM<16>* \G
- 08 IP-AS.PC/IMM<19>* \G
- 09 CONGND \G
- 10 IP-AS.PC/IMM<24>* \G
- 11 IP-AS.PC/IMM<27>* \G
- 12 IP-AS.PC/IMM<30>* \G
- 13 AT-BP.DATA SIZ/VAL<0> \G
- 14 AT-BP.RTN CTL<0> \G
- 15 AT-BP.RTN CTL<3> \G
- 16 NC
- 17 CONGND \G
- 18 BP-AT.RTN CTL<0> \G
- 19 BP-AT.RTN CTL<3> \G
- 20 NC
- 21 BP-AT.LADDR<2> \G
- 22 BP-AT.LADDR<4> \G
- 23 BP-AT.LADDR<7> \G
- 24 BP-AT.LADDR<10> \G
- 25 CONGND \G
- 26 BP-AT.LADDR<15> \G
- 27 BP-AT.LADDR<18> \G
- 28 BP-AT.LADDR<21> \G
- 29 BP-AT.LADDR<24> \G
- 30 BP-AT.LADDR<26> \G
- 31 BP-AT.LADDR<29> \G
- 32 IP-AT.REQ CYC \G

- B
- 01 IP-AS.PC/IMM<0>* \G
- 02 IP-AS.PC/IMM<3>* \G
- 03 IP-AS.PC/IMM<6>* \G
- 04 IP-AS.PC/IMM<9>* \G
- 05 IP-AS.PC/IMM<12>* \G
- 06 IP-AS.PC/IMM<14>* \G
- 07 IP-AS.PC/IMM<17>* \G
- 08 IP-AS.PC/IMM<20>* \G
- 09 IP-AS.PC/IMM<22>* \G
- 10 IP-AS.PC/IMM<25>* \G
- 11 IP-AS.PC/IMM<28>* \G
- 12 IP-AS.PC/IMM<31>* \G
- 13 AT-BP.DATA SIZ/VAL<1> \G
- 14 AT-BP.RTN CTL<1> \G
- 15 AT-BP.RTN CTL<4> \G
- 16 NC
- 17 NC
- 18 BP-AT.RTN CTL<1> \G
- 19 BP-AT.RTN CTL<4> \G
- 20 BP-AT.LADDR<0> \G
- 21 BP-AT.LADDR<3> \G
- 22 BP-AT.LADDR<5> \G
- 23 BP-AT.LADDR<8> \G
- 24 BP-AT.LADDR<11> \G
- 25 BP-AT.LADDR<13> \G
- 26 BP-AT.LADDR<16> \G
- 27 BP-AT.LADDR<19> \G
- 28 BP-AT.LADDR<22> \G
- 29 BP-AT.LADDR<25> \G
- 30 BP-AT.LADDR<27> \G
- 31 BP-AT.LADDR<30> \G
- 32 AT-BP.SRC DAT<0> \G

- C
- 01 IP-AS.PC/IMM<1>* \G
- 02 IP-AS.PC/IMM<4>* \G
- 03 IP-AS.PC/IMM<7>* \G
- 04 IP-AS.PC/IMM<10>* \G
- 05 CONGND \G
- 06 IP-AS.PC/IMM<15>* \G
- 07 IP-AS.PC/IMM<18>* \G
- 08 IP-AS.PC/IMM<21>* \G
- 09 IP-AS.PC/IMM<23>* \G
- 10 IP-AS.PC/IMM<26>* \G
- 11 IP-AS.PC/IMM<29>* \G
- 12 AS-IP.IMM SEL \G
- 13 CONGND \G
- 14 AT-BP.RTN CTL<2> \G
- 15 IP-SP.INSTCOMP \G
- 16 SP-IP.INHDISP* \G
- 17 NC
- 18 BP-AT.RTN CTL<2> \G
- 19 NC
- 20 BP-AT.LADDR<1> \G
- 21 CONGND \G
- 22 BP-AT.LADDR<6> \G
- 23 BP-AT.LADDR<9> \G
- 24 BP-AT.LADDR<12> \G
- 25 BP-AT.LADDR<14> \G
- 26 BP-AT.LADDR<17> \G
- 27 BP-AT.LADDR<20> \G
- 28 BP-AT.LADDR<23> \G
- 29 CONGND \G
- 30 BP-AT.LADDR<28> \G
- 31 BP-AT.LADDR<31> \G
- 32 AT-BP.SRC DAT<1> \G

CONNECTOR P3

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CONVEX

TITLE: IPUCONS	ABBR: IPUCONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Wed Oct 3 15:29:24 1984	PAGE: PCB.P.2 IPUCONS.3

IP
300-41612-396
UIPU-P4

- A
- 01 CONGND \G
- 02 CURR ADDR<31> \G
- 03 IP-AS. INST SEG<0> \G
- 04 IP-BP. IREG<0> \G
- 05 IP-BP. IREG<1> \G
- 06 IP-BP. IREG<2> \G
- 07 IP-AS. SEL IREG* \G
- 08 AS-IP. ASU RDY* \G
- 09 CONGND \G
- 10 CURR ADDR<30> \G
- 11 AS-BP. ST CONTX* \G
- 12 CURR ADDR<29> \G
- 13 CURR ADDR<28> \G
- 14 CURR ADDR<27> \G
- 15 CURR ADDR<26> \G
- 16 CURR ADDR<25> \G
- 17 CONGND \G
- 18 CURR ADDR<24> \G
- 19 IP-VC. EP ADDR<2> \G
- 20 IP-VC. EP ADDR<5> \G
- 21 CURR ADDR<23> \G
- 22 CURR ADDR<22> \G
- 23 CURR ADDR<21> \G
- 24 AT-IP. LD DST* \G
- 25 CONGND \G
- 26 AS-IP. JMP ADR<29> \G
- 27 CURR ADDR<20> \G
- 28 AS-IP. IPU INH* \G
- 29 CURR ADDR<19> \G
- 30 CURR ADDR<18> \G
- 31 AT-IP. LA EN* \G
- 32 IP-AT. MEM REQ* \G

- B
- 01 IP-VC. DISPATCH* \G
- 02 IP-VC. UP PSW HAZ* \G
- 03 IP-AS. INST SEG<1> \G
- 04 IP-BP. JREG<0> \G
- 05 IP-BP. JREG<1> \G
- 06 IP-BP. JREG<2> \G
- 07 IP-AS. JSREG \G
- 08 VC-IP. UCU RDY* \G
- 09 CURR ADDR<17> \G
- 10 AT-BP. FAULT* \G
- 11 AS-BP. LD CONTX* \G
- 12 CURR ADDR<16> \G
- 13 CURR ADDR<15> \G
- 14 CURR ADDR<14> \G
- 15 CURR ADDR<13> \G
- 16 AT-PC. ABUF CLR* \G
- 17 IP-BP. OPND SIZ<0> \G
- 18 IP-VC. EP ADDR<0> \G
- 19 IP-VC. EP ADDR<3> \G
- 20 IP-VC. EP ADDR<6> \G
- 21 CURR ADDR<12> \G
- 22 AT-IP. DST CK \G
- 23 AT-IP. DMODE* \G
- 24 AT-IP. SEL DST TO SRC1* \G
- 25 IP-AS. SSTEP \G
- 26 AS-IP. JMP ADR<30> \G
- 27 CURR ADDR<11> \G
- 28 CURR ADDR<10> \G
- 29 CURR ADDR<9> \G
- 30 CURR ADDR<8> \G
- 31 AT-IP. LD MEM ACK* \G
- 32 IP-AT. LD MEM REQ* \G

- C
- 01 IP-AS. DISPATCH* \G
- 02 CURR ADDR<7> \G
- 03 IP-AS. INST SEG<2> \G
- 04 IP-BP. KREG<0> \G
- 05 CONGND \G
- 06 IP-BP. KREG<1> \G
- 07 IP-BP. KREG<2> \G
- 08 IP-AS. KSREG \G
- 09 CURR ADDR<6> \G
- 10 AS-BP. FAULT RET* \G
- 11 AS-IP. IPU SEQ* \G
- 12 CURR ADDR<5> \G
- 13 CONGND \G
- 14 CURR ADDR<4> \G
- 15 CURR ADDR<3> \G
- 16 AT-PC. BBUF CLR* \G
- 17 IP-BP. OPND SIZ<1> \G
- 18 IP-VC. EP ADDR<1> \G
- 19 IP-VC. EP ADDR<4> \G
- 20 IP-VC. EP ADDR<7> \G
- 21 CONGND \G
- 22 AT-IP. I/O CK \G
- 23 AT-BP. ATU ONLINE* \G
- 24 AT-IP. SEL DST TO SRC2* \G
- 25 CURR ADDR<2> \G
- 26 AS-IP. JMP ADR<31> \G
- 27 CURR ADDR<1> \G
- 28 AD CT STATE<3> \G
- 29 CONGND \G
- 30 AD CT STATE<2> \G
- 31 AD CT STATE<1> \G
- 32 AD CT STATE<0> \G

CONNECTOR P4

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CONVEX

TITLE: IPUCONS	ABBR: IPUCONS
DRAWING: 411-000110-300 REV B03	ENGR: HARRIS
REVISED: Thu Oct 4 16:29:00 1984	PAGE: PCBP.2 IPUCONS. 4

1P
300-41612-396
UIPU-P5

A	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	ADDR RF FULL* \G
19	ADDR RF EMP
20	BYPASS.3
21	INST SIZ<1> \G
22	INST SIZ<0> \G
23	AS-IP, TRAP* \G
24	NC
25	CONGND \G
26	IP-AS, BR EN* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

B	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	SP-IP, IPU20MHZ \G
08	SP-IP, IPUMPHASE \G
09	NC
10	IP-SP, IPUERR* \G
11	SP-IP, IPUODENA* \G
12	SP-BP, JPD MODE* \G
13	SP-BP, JPSCTL<0>* \G
14	SP-BP, JPSCTL<1>* \G
15	SP-BP, JPLDRAM* \G
16	SP-BP, JPCLEAR* \G
17	SP-BP, JPMSBDOUT* \G
18	SP-BP, JPLSBDOUT* \G
19	BP-BP, JPHALT* \G
20	AT-IP, TRAP EN* \G
21	NC
22	NC
23	IP-AS, INST DISP* \G
24	NC
25	AS-IP, VEC VAL* \G
26	AS-IP, TAKE BR* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

C	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	CONGND \G
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	CONGND \G
22	NC
23	AS-IP, PURGE ICAC* \G
24	CACHE FLT*
25	IP-AS, VEC TRAP* \G
26	AS-IP, BR HAZ* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

CONNECTOR P5

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CONVEX

TITLE: IPUCONS	ABBR: IPUCONS
DRAWING: 411-000110-300 REV B03	ENGR: HARRIS
REVISED: Mon Oct 1 14:18:11 1984	PAGE: PCBP.2 IPUCONS.5

1P
300-41612-396
UMA00-P1

A	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	MC-MA0, LEDON<0>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

B	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

C	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	BP-BP, MD<56> \G
10	BP-BP, MD<57> \G
11	BP-BP, MD<58> \G
12	BP-BP, MD<59> \G
13	CONGND \G
14	BP-BP, MD<60> \G
15	BP-BP, MD<61> \G
16	BP-BP, MD<62> \G
17	BP-BP, MD<63> \G
18	BP-BP, MD<64> \G
19	BP-BP, MD<65> \G
20	BP-BP, MD<66> \G
21	CONGND \G
22	BP-BP, MD<67> \G
23	BP-BP, MD<68> \G
24	BP-BP, MD<69> \G
25	BP-BP, MD<70> \G
26	BP-BP, MD<71> \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

REF: INC.
X-FFRSTW
X-STCP#112

CONNECTOR P1

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TITLE: MAU0CONS	ABBR: MAU0CONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Mon Oct 1 14:36:19 1984	PAGE: PCBP.2 MAU0CONS.1

1P

300-41612-396
UMA00-P2

A	
01	CONGND \G
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	NC
02	NC
03	NC
04	NC
05	CONGND \G
06	NC
07	NC
08	BP-BP. MD<48> \G
09	BP-BP. MD<49> \G
10	BP-BP. MD<50> \G
11	BP-BP. MD<51> \G
12	BP-BP. MD<52> \G
13	CONGND \G
14	BP-BP. MD<53> \G
15	BP-BP. MD<54> \G
16	BP-BP. MD<55> \G
17	NC
18	NC
19	NC
20	NC
21	CONGND \G
22	NC
23	NC
24	BP-BP. MD<24> \G
25	BP-BP. MD<25> \G
26	BP-BP. MD<26> \G
27	BP-BP. MD<27> \G
28	BP-BP. MD<28> \G
29	CONGND \G
30	BP-BP. MD<29> \G
31	BP-BP. MD<30> \G
32	BP-BP. MD<31> \G

D
C
B
A

CONNECTOR P2

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CONVEX

TITLE: MAU0CONS	ABBR: MAU0CONS
DRAWING: 411-000110-300 REV 803	ENGR: JONES
REVISED: Mon Oct 1 14:39:38 1984	PAGE: PCBP.2 MAU0CONS.2

2P
300-41612-396
UMA00-P3

A	
01	CONGND \G
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	MC-MA0. MDOEN<0>* \G
02	NC
03	NC
04	NC
05	CONGND \G
06	BP-BP. MD<8> \G
07	BP-BP. MD<9> \G
08	BP-BP. MD<10> \G
09	BP-BP. MD<11> \G
10	BP-BP. MD<12> \G
11	BP-BP. MD<13> \G
12	BP-BP. MD<14> \G
13	CONGND \G
14	BP-BP. MD<15> \G
15	BP-BP. MD<40> \G
16	BP-BP. MD<41> \G
17	BP-BP. MD<42> \G
18	BP-BP. MD<43> \G
19	BP-BP. MD<44> \G
20	BP-BP. MD<45> \G
21	CONGND \G
22	BP-BP. MD<46> \G
23	BP-BP. MD<47> \G
24	BP-BP. MD<16> \G
25	BP-BP. MD<17> \G
26	BP-BP. MD<18> \G
27	BP-BP. MD<19> \G
28	BP-BP. MD<20> \G
29	CONGND \G
30	BP-BP. MD<21> \G
31	BP-BP. MD<22> \G
32	BP-BP. MD<23> \G

D
C
B
A

CONNECTOR P3

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CONVEX

TITLE: MAU0CONS	ABBR: MAU0CONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Tue Oct 2 09:46:12 1984	PAGE: PCBP. 2 MAU0CONS. 3

1P
300-41612-396
UMA00-P4

A	
01	CONGND \G
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	MC-BP. ID_SK \G
02	MC-BP. ID_DI \G
03	BP-MC. ID_D0 \G
04	BP-BP. MD<00> \G
05	CONGND \G
06	BP-BP. MD<01> \G
07	BP-BP. MD<02> \G
08	BP-BP. MD<03> \G
09	BP-BP. MD<04> \G
10	BP-BP. MD<05> \G
11	BP-BP. MD<06> \G
12	BP-BP. MD<07> \G
13	CONGND \G
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	BP-BP. MD<32> \G
21	CONGND \G
22	BP-BP. MD<33> \G
23	BP-BP. MD<34> \G
24	BP-BP. MD<35> \G
25	BP-BP. MD<36> \G
26	BP-BP. MD<37> \G
27	BP-BP. MD<38> \G
28	BP-BP. MD<39> \G
29	CONGND \G
30	NC
31	NC
32	NC

D
C
B
A

CONNECTOR P4

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TITLE: MAU0CONS	ABBR: MAU0CONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Mon Oct 1 14:40:57 1984	PAGE: PCBP.2 MAU0CONS.4

1P
300-41612-396
UMA00-P5

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	MC-BP. MA \G
08	MC-BP. MA<10> \G
09	CONGND \G
10	MC-BP. MA<13> \G
11	MC-BP. MA<15> \G
12	MC-BP. MA<1> \G
13	MC-BP. MA<3> \G
14	MC-BP. MA<4> \G
15	MC-BP. MA<6> \G
16	MC-BP. MA<17> \G
17	CONGND \G
18	MC-BP. MRS<1>* \G
19	MC-BP. MRF5H* \G
20	MC-BP. MCI<1>* \G
21	MC-BP. MCI<3>* \G
22	MC-BP. MCS<0>* \G
23	MC-BP. MCS<1>* \G
24	MC-BP. MCS<2>* \G
25	CONGND \G
26	MC-BP. BNKEN<3>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	MC-BP. MA<9> \G
08	MC-BP. MA<11> \G
09	MC-BP. MA<12> \G
10	MC-BP. MA<14> \G
11	MC-BP. MA<0> \G
12	MC-BP. MA<2> \G
13	CONGND \G
14	MC-BP. MA<5> \G
15	MC-BP. MA<7> \G
16	MC-BP. MA<16> \G
17	MC-BP. MRS<0>* \G
18	MC-BP. MW* \G
19	MC-BP. MCI<0>* \G
20	MC-BP. MCI<2>* \G
21	CONGND \G
22	NC
23	MC-MA0. ID_CS* \G
24	MC-BP. BNKEN<0>* \G
25	MC-BP. BNKEN<1>* \G
26	MC-BP. BNKEN<2>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

CONNECTOR P5

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TITLE: MAU0CONS	ABBR: MAU0CONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Mon Oct 1 14:41:52 1984	PAGE: PCBP. 2 MAU0CONS. 5

1P
300-41612-396
UMAUI-PI

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	MC-MA1.LEDON<1>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	BP-BP.MD<56> \G
10	BP-BP.MD<57> \G
11	BP-BP.MD<58> \G
12	BP-BP.MD<59> \G
13	CONGND \G
14	BP-BP.MD<60> \G
15	BP-BP.MD<61> \G
16	BP-BP.MD<62> \G
17	BP-BP.MD<63> \G
18	BP-BP.MD<64> \G
19	BP-BP.MD<65> \G
20	BP-BP.MD<66> \G
21	CONGND \G
22	BP-BP.MD<67> \G
23	BP-BP.MD<68> \G
24	BP-BP.MD<69> \G
25	BP-BP.MD<70> \G
26	BP-BP.MD<71> \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

D
C
B
A

DEFIN
P.FIRST
N.BYTE*112

CONNECTOR P1

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TITLE: MAUICONS	ABBR: MAUICONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Mon Oct 1 14:42:52 1984	PAGE: PCBP.2 MAUICONS.1

1P
300-41612-396
UMA1-P2

A	
01	CONGND \G
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	NC
02	NC
03	NC
04	NC
05	CONGND \G
06	NC
07	NC
08	BP-BP. MD<48> \G
09	BP-BP. MD<49> \G
10	BP-BP. MD<50> \G
11	BP-BP. MD<51> \G
12	BP-BP. MD<52> \G
13	CONGND \G
14	BP-BP. MD<53> \G
15	BP-BP. MD<54> \G
16	BP-BP. MD<55> \G
17	NC
18	NC
19	NC
20	NC
21	CONGND \G
22	NC
23	NC
24	BP-BP. MD<24> \G
25	BP-BP. MD<25> \G
26	BP-BP. MD<26> \G
27	BP-BP. MD<27> \G
28	BP-BP. MD<28> \G
29	CONGND \G
30	BP-BP. MD<29> \G
31	BP-BP. MD<30> \G
32	BP-BP. MD<31> \G

CONNECTOR P2

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CONVEX

TITLE: MAUICONS	ABBR: MAUICONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Mon Oct 1 17:02:14 1984	PAGE: PCB.P.2 MAUICONS.2

2P

300-41612-396
UMAU1-P3

A	
01	CONGND \G
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	MC-MA1.MDOEN<1>* \G
02	NC
03	NC
04	NC
05	CONGND \G
06	BP-BP.MD<8> \G
07	BP-BP.MD<9> \G
08	BP-BP.MD<10> \G
09	BP-BP.MD<11> \G
10	BP-BP.MD<12> \G
11	BP-BP.MD<13> \G
12	BP-BP.MD<14> \G
13	CONGND \G
14	BP-BP.MD<15> \G
15	BP-BP.MD<40> \G
16	BP-BP.MD<41> \G
17	BP-BP.MD<42> \G
18	BP-BP.MD<43> \G
19	BP-BP.MD<44> \G
20	BP-BP.MD<45> \G
21	CONGND \G
22	BP-BP.MD<46> \G
23	BP-BP.MD<47> \G
24	BP-BP.MD<16> \G
25	BP-BP.MD<17> \G
26	BP-BP.MD<18> \G
27	BP-BP.MD<19> \G
28	BP-BP.MD<20> \G
29	CONGND \G
30	BP-BP.MD<21> \G
31	BP-BP.MD<22> \G
32	BP-BP.MD<23> \G

CONNECTOR P3

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CONVEX

TITLE: MAU1CONS
DRAWING: 411-000110-300 REV B03

ABBR: MAU1CONS
ENGR: JONES

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1P
300-41612-396
LMAU1-P4

A	
01	CONGND \G
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	MC-BP. ID_SK \G
02	MC-BP. ID_DI \G
03	BP-MC. ID_DO \G
04	BP-BP. MD<00> \G
05	CONGND \G
06	BP-BP. MD<01> \G
07	BP-BP. MD<02> \G
08	BP-BP. MD<03> \G
09	BP-BP. MD<04> \G
10	BP-BP. MD<05> \G
11	BP-BP. MD<06> \G
12	BP-BP. MD<07> \G
13	CONGND \G
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	BP-BP. MD<32> \G
21	CONGND \G
22	BP-BP. MD<33> \G
23	BP-BP. MD<34> \G
24	BP-BP. MD<35> \G
25	BP-BP. MD<36> \G
26	BP-BP. MD<37> \G
27	BP-BP. MD<38> \G
28	BP-BP. MD<39> \G
29	CONGND \G
30	NC
31	NC
32	NC

CONNECTOR P4

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CONVEX

TITLE: MAU1CONS
DRAWING: 411-000110-300 REV B03
REVISED: Mon Oct 1 14:50:12 1984

ABBR: MAU1CONS
ENGR: JONES
PAGE: PCBP.2 MAU1CONS.4

1P
300-41612-396
LMAU1-P5

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	MC-BP. MA<8> \G
08	MC-BP. MA<10> \G
09	CONGND \G
10	MC-BP. MA<13> \G
11	MC-BP. MA<15> \G
12	MC-BP. MA<1> \G
13	MC-BP. MA<3> \G
14	MC-BP. MA<4> \G
15	MC-BP. MA<6> \G
16	MC-BP. MA<17> \G
17	CONGND \G
18	MC-BP. MRS<1>* \G
19	MC-BP. MRFSH* \G
20	MC-BP. MCI<1>* \G
21	MC-BP. MCI<3>* \G
22	MC-BP. MCS<0> \G
23	MC-BP. MCS<1>* \G
24	MC-BP. MCS<2>* \G
25	CONGND \G
26	MC-BP. BNKEN<3>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	MC-BP. MA<9> \G
08	MC-BP. MA<11> \G
09	MC-BP. MA<12> \G
10	MC-BP. MA<14> \G
11	MC-BP. MA<0> \G
12	MC-BP. MA<2> \G
13	CONGND \G
14	MC-BP. MA<5> \G
15	MC-BP. MA<7> \G
16	MC-BP. MA<16> \G
17	MC-BP. MRS<0>* \G
18	MC-BP. MW* \G
19	MC-BP. MCI<0>* \G
20	MC-BP. MCI<2>* \G
21	CONGND \G
22	NC
23	MC-MA1.ID_CS* \G
24	MC-BP. BNKEN<0>* \G
25	MC-BP. BNKEN<1>* \G
26	MC-BP. BNKEN<2>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

CONNECTOR P5

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TITLE: MAU1CONS
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ABBR: MAU1CONS
ENGR: JONES

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PAGE: PCBP.2 MAU1CONS.5

B

7

6

3

2

1

IP
300-41612-396
UMAU2-P1

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	MC-MA2.LEDON<2>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	BP-BP.MD<56> \G
10	BP-BP.MD<57> \G
11	BP-BP.MD<58> \G
12	BP-BP.MD<59> \G
13	CONGND \G
14	BP-BP.MD<60> \G
15	BP-BP.MD<61> \G
16	BP-BP.MD<62> \G
17	BP-BP.MD<63> \G
18	BP-BP.MD<64> \G
19	BP-BP.MD<65> \G
20	BP-BP.MD<66> \G
21	CONGND \G
22	BP-BP.MD<67> \G
23	BP-BP.MD<68> \G
24	BP-BP.MD<69> \G
25	BP-BP.MD<70> \G
26	BP-BP.MD<71> \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C

B

A

DEFINE
X_FIRST
A_SYSTEM

CONNECTOR P1

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CONVEX

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DRAWING: 411-000110-300 REV B03

ABBR: MAU2CONS
ENGR: JONES

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PAGE: PCB.P.2 MAU2CONS.1

1P
300-41612-396
UMA2-P2

A	
01	CONGND \G
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	NC
02	NC
03	NC
04	NC
05	CONGND \G
06	NC
07	NC
08	BP-BP. MD<48> \G
09	BP-BP. MD<49> \G
10	BP-BP. MD<50> \G
11	BP-BP. MD<51> \G
12	BP-BP. MD<52> \G
13	CONGND \G
14	BP-BP. MD<53> \G
15	BP-BP. MD<54> \G
16	BP-BP. MD<55> \G
17	NC
18	NC
19	NC
20	NC
21	CONGND \G
22	NC
23	NC
24	BP-BP. MD<24> \G
25	BP-BP. MD<25> \G
26	BP-BP. MD<26> \G
27	BP-BP. MD<27> \G
28	BP-BP. MD<28> \G
29	CONGND \G
30	BP-BP. MD<29> \G
31	BP-BP. MD<30> \G
32	BP-BP. MD<31> \G

CONNECTOR P2

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ABBR: MAU2CONS
ENGR: JONES

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8

7

6

5

4

3

2

1

2P
 300-41612-396
 UMAU2-P3

A	
01	CONGND \G
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	MC-MA2.MDOEN<2>* \G
02	NC
03	NC
04	NC
05	CONGND \G
06	BP-BP.MD<8> \G
07	BP-BP.MD<9> \G
08	BP-BP.MD<10> \G
09	BP-BP.MD<11> \G
10	BP-BP.MD<12> \G
11	BP-BP.MD<13> \G
12	BP-BP.MD<14> \G
13	CONGND \G
14	BP-BP.MD<15> \G
15	BP-BP.MD<40> \G
16	BP-BP.MD<41> \G
17	BP-BP.MD<42> \G
18	BP-BP.MD<43> \G
19	BP-BP.MD<44> \G
20	BP-BP.MD<45> \G
21	CONGND \G
22	BP-BP.MD<46> \G
23	BP-BP.MD<47> \G
24	BP-BP.MD<16> \G
25	BP-BP.MD<17> \G
26	BP-BP.MD<18> \G
27	BP-BP.MD<19> \G
28	BP-BP.MD<20> \G
29	CONGND \G
30	BP-BP.MD<21> \G
31	BP-BP.MD<22> \G
32	BP-BP.MD<23> \G

C

B

A

CONNECTOR P3

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CONVEX

TITLE: MAU2CONS
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ABBR: MAU2CONS
 ENGR: JONES

REVISED: Tue Oct 2 09:45:16 1984 | PAGE: PCBP.2 MAU2CONS.3

8

7

6

3

2

1

B

7

6

5

4

3

2

1

1P
 300-41612-396
 UMAU2-P4

A	
01	CONGND \G
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	MC-BP. ID_SK \G
02	MC-BP. ID_DI \G
03	BP-MC. ID_DO \G
04	BP-BP. MD<00> \G
05	CONGND \G
06	BP-BP. MD<01> \G
07	BP-BP. MD<02> \G
08	BP-BP. MD<03> \G
09	BP-BP. MD<04> \G
10	BP-BP. MD<05> \G
11	BP-BP. MD<06> \G
12	BP-BP. MD<07> \G
13	CONGND \G
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	BP-BP. MD<32> \G
21	CONGND \G
22	BP-BP. MD<33> \G
23	BP-BP. MD<34> \G
24	BP-BP. MD<35> \G
25	BP-BP. MD<36> \G
26	BP-BP. MD<37> \G
27	BP-BP. MD<38> \G
28	BP-BP. MD<39> \G
29	CONGND \G
30	NC
31	NC
32	NC

CONNECTOR P4

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CONVEX

TITLE: MAU2CONS
 DRAWING: 411-000110-300 REV B03

ABBR: MAU2CONS
 ENGR: JONES

REVISED: Mon Oct 1 14:56:20 1984 PAGE: PCBP.2 MAU2CONS.4

B

7

6

3

2

1

1P
300-41612-396
UMAU2-P5

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	MC-BP. MA<8> \G
08	MC-BP. MA<10> \G
09	CONGND \G
10	MC-BP. MA<13> \G
11	MC-BP. MA<15> \G
12	MC-BP. MA<1> \G
13	MC-BP. MA<3> \G
14	MC-BP. MA<4> \G
15	MC-BP. MA<6> \G
16	MC-BP. MA<17> \G
17	CONGND \G
18	MC-BP. MRS<1>* \G
19	MC-BP. MRFSH* \G
20	MC-BP. MCI<1>* \G
21	MC-BP. MCI<3>* \G
22	MC-BP. MCS<0>* \G
23	MC-BP. MCS<1> \G
24	MC-BP. MCS<2>* \G
25	CONGND \G
26	MC-BP. BNKEN<3>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	MC-BP. MA<9> \G
08	MC-BP. MA<11> \G
09	MC-BP. MA<12> \G
10	MC-BP. MA<14> \G
11	MC-BP. MA<0> \G
12	MC-BP. MA<2> \G
13	CONGND \G
14	MC-BP. MA<5> \G
15	MC-BP. MA<7> \G
16	MC-BP. MA<16> \G
17	MC-BP. MRS<0>* \G
18	MC-BP. MW* \G
19	MC-BP. MCI<0>* \G
20	MC-BP. MCI<2>* \G
21	CONGND \G
22	NC
23	MC-MA2. ID_CS* \G
24	MC-BP. BNKEN<0>* \G
25	MC-BP. BNKEN<1>* \G
26	MC-BP. BNKEN<2>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

CONNECTOR P5

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CONVEX

TITLE:	MAU2CONS	ABBR:	MAU2CONS
DRAWING:	411-00110-300 REV B03	ENGR:	JONES
REVISED:	Mon Oct 1 14:57:20 1984	PCBP. 2	MAU2CONS. 5

B

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1

D
C
B
A

1P
300-41612-396
UMA3-P1

- A 01 - CONVCC \G
- 02 - CONVCC \G
- 03 - CONVCC \G
- 04 - CONGND \G
- 05 - CONGND \G
- 06 - CONGND \G
- 07 - NC
- 08 - NC
- 09 - CONGND \G
- 10 - NC
- 11 - NC
- 12 - NC
- 13 - NC
- 14 - NC
- 15 - NC
- 16 - NC
- 17 - CONGND \G
- 18 - NC
- 19 - NC
- 20 - NC
- 21 - NC
- 22 - NC
- 23 - NC
- 24 - NC
- 25 - CONGND \G
- 26 ○ MC-MA3, LEDON<3>* \G
- 27 - CONGND \G
- 28 - CONGND \G
- 29 - CONGND \G
- 30 - CONVCC \G
- 31 - CONVCC \G
- 32 - CONVCC \G

- B 01 - CONVCC \G
- 02 - CONVCC \G
- 03 - CONVCC \G
- 04 - CONGND \G
- 05 - CONGND \G
- 06 - CONGND \G
- 07 - NC
- 08 - NC
- 09 - NC
- 10 - NC
- 11 - NC
- 12 - NC
- 13 - NC
- 14 - NC
- 15 - NC
- 16 - NC
- 17 - NC
- 18 - NC
- 19 - NC
- 20 - NC
- 21 - NC
- 22 - NC
- 23 - NC
- 24 - NC
- 25 - NC
- 26 - NC
- 27 - CONGND \G
- 28 - CONGND \G
- 29 - CONGND \G
- 30 - CONVCC \G
- 31 - CONVCC \G
- 32 - CONVCC \G

- C 01 - CONVCC \G
- 02 - CONVCC \G
- 03 - CONVCC \G
- 04 - CONGND \G
- 05 - CONGND \G
- 06 - CONGND \G
- 07 - NC
- 08 - NC
- 09 - BP-BP, MD<56> \G
- 10 - BP-BP, MD<57> \G
- 11 - BP-BP, MD<58> \G
- 12 - BP-BP, MD<59> \G
- 13 - CONGND \G
- 14 - BP-BP, MD<60> \G
- 15 - BP-BP, MD<61> \G
- 16 - BP-BP, MD<62> \G
- 17 - BP-BP, MD<63> \G
- 18 - BP-BP, MD<64> \G
- 19 - BP-BP, MD<65> \G
- 20 - BP-BP, MD<66> \G
- 21 - CONGND \G
- 22 - BP-BP, MD<67> \G
- 23 - BP-BP, MD<68> \G
- 24 - BP-BP, MD<69> \G
- 25 - BP-BP, MD<70> \G
- 26 - BP-BP, MD<71> \G
- 27 - CONGND \G
- 28 - CONGND \G
- 29 - CONGND \G
- 30 - CONVCC \G
- 31 - CONVCC \G
- 32 - CONVCC \G

DEFINE
X-FIBERS
MULTIPLEX

CONNECTOR P1

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TITLE: MAU3CONS	ABBR: MAU3CONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Mon Oct 1 14:58:22 1984	PAGE: PCB, 2 MAU3CONS. 1

8

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3

2

1

1P
 300-41612-396
 UMAU3-P2

A	
01	CONGND \G
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	NC
02	NC
03	NC
04	NC
05	CONGND \G
06	NC
07	NC
08	BP-BP, MD<48> \G
09	BP-BP, MD<49> \G
10	BP-BP, MD<50> \G
11	BP-BP, MD<51> \G
12	BP-BP, MD<52> \G
13	CONGND \G
14	BP-BP, MD<53> \G
15	BP-BP, MD<54> \G
16	BP-BP, MD<55> \G
17	NC
18	NC
19	NC
20	NC
21	CONGND \G
22	NC
23	NC
24	BP-BP, MD<24> \G
25	BP-BP, MD<25> \G
26	BP-BP, MD<26> \G
27	BP-BP, MD<27> \G
28	BP-BP, MD<28> \G
29	CONGND \G
30	BP-BP, MD<29> \G
31	BP-BP, MD<30> \G
32	BP-BP, MD<31> \G

n
 C
 B
 A

CONNECTOR P2

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TITLE: MAU3CONS
 DRAWING: 411-000110-300-00

ABBR: MAU3CONS
 ENGR: JONES

REVISED: Fri Sep 28 16:24:54 1984 PAGE: 9, 2

8

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1

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3

2

1

2P

300-41612-396
UMA3-P3

A	
01	CONGND \G
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	MC-MA3, MDEN<3>* \G
02	NC
03	NC
04	NC
05	CONGND \G
06	BP-BP, MD<8> \G
07	BP-BP, MD<9> \G
08	BP-BP, MD<10> \G
09	BP-BP, MD<11> \G
10	BP-BP, MD<12> \G
11	BP-BP, MD<13> \G
12	BP-BP, MD<14> \G
13	CONGND \G
14	BP-BP, MD<15> \G
15	BP-BP, MD<40> \G
16	BP-BP, MD<41> \G
17	BP-BP, MD<42> \G
18	BP-BP, MD<43> \G
19	BP-BP, MD<44> \G
20	BP-BP, MD<45> \G
21	CONGND \G
22	BP-BP, MD<46> \G
23	BP-BP, MD<47> \G
24	BP-BP, MD<16> \G
25	BP-BP, MD<17> \G
26	BP-BP, MD<18> \G
27	BP-BP, MD<19> \G
28	BP-BP, MD<20> \G
29	CONGND \G
30	BP-BP, MD<21> \G
31	BP-BP, MD<22> \G
32	BP-BP, MD<23> \G

CONNECTOR P3

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CONVEX

TITLE: MAU3CONS
DRAWING: 411-000110-300 REV B03

ABBR: MAU3CONS
ENGR: JONES

REVISED: Tue Oct 2 09:44:44 1984

PAGE:

PCBP.2 MAU3CONS.3

8

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1

B

7

6

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3

2

1

D

C

B

A

1P

300-41612-396

UMA3-P4

A	
01	CONGND \G
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	MC-BP. ID_SK \G
02	MC-BP. ID_DI \G
03	BP-MC. ID_DO \G
04	BP-BP. MD<00> \G
05	CONGND \G
06	BP-BP. MD<01> \G
07	BP-BP. MD<02> \G
08	BP-BP. MD<03> \G
09	BP-BP. MD<04> \G
10	BP-BP. MD<05> \G
11	BP-BP. MD<06> \G
12	BP-BP. MD<07> \G
13	CONGND \G
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	BP-BP. MD<32> \G
21	CONGND \G
22	BP-BP. MD<33> \G
23	BP-BP. MD<34> \G
24	BP-BP. MD<35> \G
25	BP-BP. MD<36> \G
26	BP-BP. MD<37> \G
27	BP-BP. MD<38> \G
28	BP-BP. MD<39> \G
29	CONGND \G
30	NC
31	NC
32	NC

CONNECTOR P4

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CONVEX

TITLE: MAU3CONS

DRAWING: 411-000110-300 REV B03

ABBR: MAU3CONS

ENGR: JONES

REVISED: Mon Oct 1 15:00:06 1984

PAGE:

PCBP.2 MAU3CONS.4

B

7

6

3

2

1

1P
300-41612-396
UMA3-P5

A	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	MC-BP.MA<8> \G
08	MC-BP.MA<10> \G
09	CONGND \G
10	MC-BP.MA<13> \G
11	MC-BP.MA<15> \G
12	MC-BP.MA<1> \G
13	MC-BP.MA<3> \G
14	MC-BP.MA<4> \G
15	MC-BP.MA<6> \G
16	MC-BP.MA<17> \G
17	CONGND \G
18	MC-BP.MRS<1>* \G
19	MC-BP.MRFSH* \G
20	MC-BP.MCI<1>* \G
21	MC-BP.MCI<3>* \G
22	MC-BP.MCS<0> \G
23	MC-BP.MCS<1> \G
24	MC-BP.MCS<2>* \G
25	CONGND \G
26	MC-BP.BNKEN<3>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

B	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

C	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	MC-BP.MA<9> \G
08	MC-BP.MA<11> \G
09	MC-BP.MA<12> \G
10	MC-BP.MA<14> \G
11	MC-BP.MA<0> \G
12	MC-BP.MA<2> \G
13	CONGND \G
14	MC-BP.MA<5> \G
15	MC-BP.MA<7> \G
16	MC-BP.MA<16> \G
17	MC-BP.MRS<0>* \G
18	MC-BP.MW* \G
19	MC-BP.MCI<0>* \G
20	MC-BP.MCI<2>* \G
21	CONGND \G
22	NC
23	MC-MA3.ID_CS* \G
24	MC-BP.BNKEN<0>* \G
25	MC-BP.BNKEN<1>* \G
26	MC-BP.BNKEN<2>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

CONNECTOR P5

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TITLE: MAU3CONS	ABBR: MAU3CONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Mon Oct 1 15:01:13 1984	PAGE: PCBP.2 MAU3CONS.5

1P
300-41612-396
UMAU4-P1

A	01	CONVCC \G
	02	CONVCC \G
	03	CONVCC \G
	04	CONGND \G
	05	CONGND \G
	06	CONGND \G
	07	NC
	08	NC
	09	CONGND \G
	10	NC
	11	NC
	12	NC
	13	NC
	14	NC
	15	NC
	16	NC
	17	CONGND \G
	18	NC
	19	NC
	20	NC
	21	NC
	22	NC
	23	NC
	24	NC
	25	CONGND \G
	26	MC-MA4.LEDON<4>* \G
	27	CONGND \G
	28	CONGND \G
	29	CONGND \G
	30	CONVCC \G
	31	CONVCC \G
	32	CONVCC \G

B	01	CONVCC \G
	02	CONVCC \G
	03	CONVCC \G
	04	CONGND \G
	05	CONGND \G
	06	CONGND \G
	07	NC
	08	NC
	09	NC
	10	NC
	11	NC
	12	NC
	13	NC
	14	NC
	15	NC
	16	NC
	17	NC
	18	NC
	19	NC
	20	NC
	21	NC
	22	NC
	23	NC
	24	NC
	25	NC
	26	NC
	27	CONGND \G
	28	CONGND \G
	29	CONGND \G
	30	CONVCC \G
	31	CONVCC \G
	32	CONVCC \G

C	01	CONVCC \G
	02	CONVCC \G
	03	CONVCC \G
	04	CONGND \G
	05	CONGND \G
	06	CONGND \G
	07	NC
	08	NC
	09	BP-BP.MD<56> \G
	10	BP-BP.MD<57> \G
	11	BP-BP.MD<58> \G
	12	BP-BP.MD<59> \G
	13	CONGND \G
	14	BP-BP.MD<60> \G
	15	BP-BP.MD<61> \G
	16	BP-BP.MD<62> \G
	17	BP-BP.MD<63> \G
	18	BP-BP.MD<64> \G
	19	BP-BP.MD<65> \G
	20	BP-BP.MD<66> \G
	21	CONGND \G
	22	BP-BP.MD<67> \G
	23	BP-BP.MD<68> \G
	24	BP-BP.MD<69> \G
	25	BP-BP.MD<70> \G
	26	BP-BP.MD<71> \G
	27	CONGND \G
	28	CONGND \G
	29	CONGND \G
	30	CONVCC \G
	31	CONVCC \G
	32	CONVCC \G

C

B

A

DEFINE
X-FIRST*
A-STEP=51E

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TITLE: MAU4CONS
DRAWING: 411-000110-300 REV B03
REVISID: Mon Oct 1 15:02:11 1984
PAGE: PCBP.2 MAU4CONS.1

ABBR: MAU4CONS
ENGR: JONES

CONNECTOR P1

1P
 300-41612-396
 UMAU4-P2

A	
01	CONGND \G
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	NC
02	NC
03	NC
04	NC
05	CONGND \G
06	NC
07	NC
08	BP-BP, MD<48> \G
09	BP-BP, MD<49> \G
10	BP-BP, MD<50> \G
11	BP-BP, MD<51> \G
12	BP-BP, MD<52> \G
13	CONGND \G
14	BP-BP, MD<53> \G
15	BP-BP, MD<54> \G
16	BP-BP, MD<55> \G
17	NC
18	NC
19	NC
20	NC
21	CONGND \G
22	NC
23	NC
24	BP-BP, MD<24> \G
25	BP-BP, MD<25> \G
26	BP-BP, MD<26> \G
27	BP-BP, MD<27> \G
28	BP-BP, MD<28> \G
29	CONGND \G
30	BP-BP, MD<29> \G
31	BP-BP, MD<30> \G
32	BP-BP, MD<31> \G

CONNECTOR P2

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CONVEX

TITLE: MAU4CONS
 DRAWING: 411-000110-300 REV B03

ABBR: MAU4CONS
 ENGR: JONES

REVISED: Mon Oct 1 15:02:53 1984

PAGE: PCBP.2 MAU4CONS.2

8

7

6

5

4

3

2

1

2P

300-41612-396
UMAU4-P3

A	
01	CONGND \G
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	MC-MA4, MDOEN<4>* \G
02	NC
03	NC
04	NC
05	CONGND \G
06	BP-BP, MD<8> \G
07	BP-BP, MD<9> \G
08	BP-BP, MD<10> \G
09	BP-BP, MD<11> \G
10	BP-BP, MD<12> \G
11	BP-BP, MD<13> \G
12	BP-BP, MD<14> \G
13	CONGND \G
14	BP-BP, MD<15> \G
15	BP-BP, MD<40> \G
16	BP-BP, MD<41> \G
17	BP-BP, MD<42> \G
18	BP-BP, MD<43> \G
19	BP-BP, MD<44> \G
20	BP-BP, MD<45> \G
21	CONGND \G
22	BP-BP, MD<46> \G
23	BP-BP, MD<47> \G
24	BP-BP, MD<16> \G
25	BP-BP, MD<17> \G
26	BP-BP, MD<18> \G
27	BP-BP, MD<19> \G
28	BP-BP, MD<20> \G
29	CONGND \G
30	BP-BP, MD<21> \G
31	BP-BP, MD<22> \G
32	BP-BP, MD<23> \G

CONNECTOR P3

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CONVEX

TITLE: MAU4CONS
DRAWING: 411-000110-300 REV B03

ABBR: MAU4CONS
ENGR: JONES

REVISED: Tue Oct 2 09:44:12 1984

PAGE: PCBP.2 MAU4CONS.3

8

7

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3

2

1

1P
300-41612-396
UMAU4-P4

A	
01	CONGND \G
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	MC-BP. ID.SK \G
02	MC-BP. ID.DI \G
03	BP-MC. ID.D0 \G
04	BP-BP. MD<00> \G
05	CONGND \G
06	BP-BP. MD<01> \G
07	BP-BP. MD<02> \G
08	BP-BP. MD<03> \G
09	BP-BP. MD<04> \G
10	BP-BP. MD<05> \G
11	BP-BP. MD<06> \G
12	BP-BP. MD<07> \G
13	CONGND \G
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	BP-BP. MD<32> \G
21	CONGND \G
22	BP-BP. MD<33> \G
23	BP-BP. MD<34> \G
24	BP-BP. MD<35> \G
25	BP-BP. MD<36> \G
26	BP-BP. MD<37> \G
27	BP-BP. MD<38> \G
28	BP-BP. MD<39> \G
29	CONGND \G
30	NC
31	NC
32	NC

D
C
B
A

CONNECTOR P4

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TITLE: MAU4CONS	ABBR: MAU4CONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Mon Oct 1 15:04:30 1984	PAGE: PCBP.2 MAU4CONS.4
3	2
	1

1P
300-41612-396
UMAU4-P5

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	MC-BP. MA<8> \G
08	MC-BP. MA<10> \G
09	CONGND \G
10	MC-BP. MA<13> \G
11	MC-BP. MA<15> \G
12	MC-BP. MA<1> \G
13	MC-BP. MA<3> \G
14	MC-BP. MA<4> \G
15	MC-BP. MA<6> \G
16	MC-BP. MA<17> \G
17	CONGND \G
18	MC-BP. MRS<1>* \G
19	MC-BP. MRF5H* \G
20	MC-BP. MCI<1>* \G
21	MC-BP. MCI<3>* \G
22	MC-BP. MCS<0>* \G
23	MC-BP. MCS<1>* \G
24	MC-BP. MCS<2> \G
25	CONGND \G
26	MC-BP. BNKEN<3>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	MC-BP. MA<9> \G
08	MC-BP. MA<11> \G
09	MC-BP. MA<12> \G
10	MC-BP. MA<14> \G
11	MC-BP. MA<0> \G
12	MC-BP. MA<2> \G
13	CONGND \G
14	MC-BP. MA<5> \G
15	MC-BP. MA<7> \G
16	MC-BP. MA<16> \G
17	MC-BP. MRS<0>* \G
18	MC-BP. MRS* \G
19	MC-BP. MCI<0>* \G
20	MC-BP. MCI<2>* \G
21	CONGND \G
22	NC
23	MC-MA4. ID_CS* \G
24	MC-BP. BNKEN<0>* \G
25	MC-BP. BNKEN<1>* \G
26	MC-BP. BNKEN<2>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

CONNECTOR P5

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TITLE: MAU4CONS	ABBR: MAU4CONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Mon Oct 1 15:05:55 1984	PAGE: PCBP.2 MAU4CONS.5

1P
300-41612-396
UMAUS-P1

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	MC-MA5. LEDON<5>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	BP-BP. MD<56> \G
10	BP-BP. MD<57> \G
11	BP-BP. MD<58> \G
12	BP-BP. MD<59> \G
13	CONGND \G
14	BP-BP. MD<60> \G
15	BP-BP. MD<61> \G
16	BP-BP. MD<62> \G
17	BP-BP. MD<63> \G
18	BP-BP. MD<64> \G
19	BP-BP. MD<65> \G
20	BP-BP. MD<66> \G
21	CONGND \G
22	BP-BP. MD<67> \G
23	BP-BP. MD<68> \G
24	BP-BP. MD<69> \G
25	BP-BP. MD<70> \G
26	BP-BP. MD<71> \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

DEFINE
Y_FIRSTAG
X_STEP=512

CONNECTOR P1

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CONVEX

TITLE: MAUSCONS
DRAWING: 411-000110-300 REV B03

ABBR: MAUSCONS
ENGR: JONES

REVISED: Mon Oct 1 15:06:56 1984 | PAGE: PCBP. 2 MAUSCONS. 1

8

7

6

3

2

1

1P
300-41612-396
UMAUS-P2

A	
01	CONGND \G
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	NC
02	NC
03	NC
04	NC
05	CONGND \G
06	NC
07	NC
08	BP-BP, MD<48> \G
09	BP-BP, MD<49> \G
10	BP-BP, MD<50> \G
11	BP-BP, MD<51> \G
12	BP-BP, MD<52> \G
13	CONGND \G
14	BP-BP, MD<53> \G
15	BP-BP, MD<54> \G
16	BP-BP, MD<55> \G
17	NC
18	NC
19	NC
20	NC
21	CONGND \G
22	NC
23	NC
24	BP-BP, MD<24> \G
25	BP-BP, MD<25> \G
26	BP-BP, MD<26> \G
27	BP-BP, MD<27> \G
28	BP-BP, MD<28> \G
29	CONGND \G
30	BP-BP, MD<29> \G
31	BP-BP, MD<30> \G
32	BP-BP, MD<31> \G

CONNECTOR P2

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CONVEX

TITLE: MAUSCONS	ABBR: MAUSCONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Mon Oct 1 15:07:47 1984	PAGE: PCBP, 2 MAUSCONS, 2

2P

300-41612-396
UMAUS-P3

A	
01	CONGND \G
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	MC-MAS. MDOEN<5>* \G
02	NC
03	NC
04	NC
05	CONGND \G
06	BP-BP. MD<8> \G
07	BP-BP. MD<9> \G
08	BP-BP. MD<10> \G
09	BP-BP. MD<11> \G
10	BP-BP. MD<12> \G
11	BP-BP. MD<13> \G
12	BP-BP. MD<14> \G
13	CONGND \G
14	BP-BP. MD<15> \G
15	BP-BP. MD<40> \G
16	BP-BP. MD<41> \G
17	BP-BP. MD<42> \G
18	BP-BP. MD<43> \G
19	BP-BP. MD<44> \G
20	BP-BP. MD<45> \G
21	CONGND \G
22	BP-BP. MD<46> \G
23	BP-BP. MD<47> \G
24	BP-BP. MD<16> \G
25	BP-BP. MD<17> \G
26	BP-BP. MD<18> \G
27	BP-BP. MD<19> \G
28	BP-BP. MD<20> \G
29	CONGND \G
30	BP-BP. MD<21> \G
31	BP-BP. MD<22> \G
32	BP-BP. MD<23> \G

CONNECTOR P3

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CONVEX

TITLE: MAUSCONS
DRAWING: 411-000110-300 REV B03

ABBR: MAUSCONS
ENGR: JONES

REVISED: Tue Oct 2 09:43:41 1984

PAGE:

PCBP.2 MAUSCONS.3

1P
300-41612-396
UMAU5-P4

A	
01	CONGND \G
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	MC-BP. ID.SK \G
02	MC-BP. ID.OI \G
03	BP-MC. ID.DO \G
04	BP-BP. MD<00> \G
05	CONGND \G
06	BP-BP. MD<01> \G
07	BP-BP. MD<02> \G
08	BP-BP. MD<03> \G
09	BP-BP. MD<04> \G
10	BP-BP. MD<05> \G
11	BP-BP. MD<06> \G
12	BP-BP. MD<07> \G
13	CONGND \G
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	BP-BP. MD<32> \G
21	CONGND \G
22	BP-BP. MD<33> \G
23	BP-BP. MD<34> \G
24	BP-BP. MD<35> \G
25	BP-BP. MD<36> \G
26	BP-BP. MD<37> \G
27	BP-BP. MD<38> \G
28	BP-BP. MD<39> \G
29	CONGND \G
30	NC
31	NC
32	NC

CONNECTOR P4

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TITLE: MAU5CONS	ABBR: MAU5CONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Mon Oct 1 15:11:16 1984	PAGE: PCBP.2 MAU5CONS.4

1P
 300-41612-396
 UMAUS-PS

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	MC-BP. MA<8> \G
08	MC-BP. MA<10> \G
09	CONGND \G
10	MC-BP. MA<13> \G
11	MC-BP. MA<15> \G
12	MC-BP. MA<1> \G
13	MC-BP. MA<3> \G
14	MC-BP. MA<4> \G
15	MC-BP. MA<6> \G
16	MC-BP. MA<17> \G
17	CONGND \G
18	MC-BP. MRS<1>* \G
19	MC-BP. MRFSH* \G
20	MC-BP. MCI<1>* \G
21	MC-BP. MCI<3>* \G
22	MC-BP. MCS<0> \G
23	MC-BP. MCS<1>* \G
24	MC-BP. MCS<2> \G
25	CONGND \G
26	MC-BP. BNKEN<3>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	MC-BP. MA<9> \G
08	MC-BP. MA<11> \G
09	MC-BP. MA<12> \G
10	MC-BP. MA<14> \G
11	MC-BP. MA<0> \G
12	MC-BP. MA<2> \G
13	CONGND \G
14	MC-BP. MA<5> \G
15	MC-BP. MA<7> \G
16	MC-BP. MA<16> \G
17	MC-BP. MRS<0>* \G
18	MC-BP. MW* \G
19	MC-BP. MCI<0>* \G
20	MC-BP. MCI<2>* \G
21	CONGND \G
22	NC
23	MC-MA5. ID_CS* \G
24	MC-BP. BNKEN<0>* \G
25	MC-BP. BNKEN<1>* \G
26	MC-BP. BNKEN<2>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

CONNECTOR PS

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CONVEX

TITLE: MAUSCONS
 DRAWING: 411-000110-300 REV B03

ABBR: MAUSCONS
 ENGR: JONES

REVISED: Mon Oct 1 15:13:14 1984 | PAGE: PCBP.2 MAUSCONS.5

1P
300-41612-396
UMAUS-P1

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	BP-BP.P_DATA<56> \G
08	BP-BP.P_DATA<57> \G
09	CONGND \G
10	BP-BP.P_DATA<58> \G
11	BP-BP.P_DATA<59> \G
12	BP-BP.P_DATA<60> \G
13	BP-BP.P_DATA<61> \G
14	BP-BP.P_DATA<62> \G
15	BP-BP.P_DATA<63> \G
16	BP-BP.P_PAR<7> \G
17	CONGND \G
18	BP-BP.P_PAR<3> \G
19	BP-BP.P_PAR<5> \G
20	BP-BP.P_PAR<2> \G
21	BP-BP.P_PAR<5> \G
22	BP-BP.P_PAR<1> \G
23	BP-BP.P_PAR<4> \G
24	BP-BP.P_PAR<0> \G
25	CONGND \G
26	MC-MAG.LEDON<6>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	PS-SP.P53VPOS \G
24	PS-SP.P53VNEG \G
25	PS-SP.PLUS12V \G
26	PS-SP.MINUS12V \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	CONGND \G
08	CCUIID<1>* \G
09	BP-BP.MD<56> \G
10	BP-BP.MD<57> \G
11	BP-BP.MD<58> \G
12	BP-BP.MD<59> \G
13	CONGND \G
14	BP-BP.MD<60> \G
15	BP-BP.MD<61> \G
16	BP-BP.MD<62> \G
17	BP-BP.MD<63> \G
18	BP-BP.MD<64> \G
19	BP-BP.MD<65> \G
20	BP-BP.MD<66> \G
21	CONGND \G
22	BP-BP.MD<67> \G
23	BP-BP.MD<68> \G
24	BP-BP.MD<69> \G
25	BP-BP.MD<70> \G
26	BP-BP.MD<71> \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

CONNECTOR P1

DEFINE
X-7185114
K-314-0111E

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CONVEX

TITLE: MAUSCONS
DRAWING: 411-000110-300 REV B03

ABBR: MAUSCONS
ENGR: JONES

REVISED: Wed Oct 10 08:12:36 1984 | PAGE: PCBP.2 MAUSCONS.1

1P
300-41612-396
LMAUS-P2

A	01	CONGND \G
	02	BP-BP, P_DATA<16> \G
	03	BP-BP, P_DATA<17> \G
	04	BP-BP, P_DATA<18> \G
	05	NC
	06	BP-BP, P_DATA<19> \G
	07	BP-BP, P_DATA<20> \G
	08	BP-BP, P_DATA<21> \G
	09	CONGND \G
	10	BP-BP, P_DATA<22> \G
	11	BP-BP, P_DATA<23> \G
	12	BP-BP, P_DATA<48> \G
	13	NC
	14	BP-BP, P_DATA<49> \G
	15	BP-BP, P_DATA<50> \G
	16	BP-BP, P_DATA<51> \G
	17	CONGND \G
	18	BP-BP, P_DATA<52> \G
	19	BP-BP, P_DATA<53> \G
	20	BP-BP, P_DATA<54> \G
	21	NC
	22	BP-BP, P_DATA<55> \G
	23	BP-BP, P_DATA<24> \G
	24	BP-BP, P_DATA<25> \G
	25	CONGND \G
	26	BP-BP, P_DATA<26> \G
	27	BP-BP, P_DATA<27> \G
	28	BP-BP, P_DATA<28> \G
	29	NC
	30	BP-BP, P_DATA<29> \G
	31	BP-BP, P_DATA<30> \G
	32	BP-BP, P_DATA<31> \G

B	01	NC
	02	NC
	03	NC
	04	NC
	05	NC
	06	NC
	07	NC
	08	NC
	09	NC
	10	NC
	11	NC
	12	NC
	13	NC
	14	NC
	15	NC
	16	NC
	17	NC
	18	NC
	19	NC
	20	NC
	21	NC
	22	NC
	23	NC
	24	NC
	25	NC
	26	NC
	27	NC
	28	NC
	29	NC
	30	NC
	31	NC
	32	NC

C	01	NC
	02	NC
	03	NC
	04	NC
	05	CONGND \G
	06	NC
	07	NC
	08	BP-BP, MD<48> \G
	09	BP-BP, MD<49> \G
	10	BP-BP, MD<50> \G
	11	BP-BP, MD<51> \G
	12	BP-BP, MD<52> \G
	13	CONGND \G
	14	BP-BP, MD<53> \G
	15	BP-BP, MD<54> \G
	16	BP-BP, MD<55> \G
	17	NC
	18	NC
	19	NC
	20	NC
	21	CONGND \G
	22	NC
	23	NC
	24	BP-BP, MD<24> \G
	25	BP-BP, MD<25> \G
	26	BP-BP, MD<26> \G
	27	BP-BP, MD<27> \G
	28	BP-BP, MD<28> \G
	29	CONGND \G
	30	BP-BP, MD<29> \G
	31	BP-BP, MD<30> \G
	32	BP-BP, MD<31> \G

CONNECTOR P2

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REVISED: Thu Oct 4 15:40:01 1984

ABBR: MAUSCONS
ENGR: JONES

PAGE: PCBP, 2 MAUSCONS, 2

6

7

6

3

2

1

2P
300-41612-396
UMAUG-P3

A	
01	CONGND \G
02	BP-BP.P_DATA<8>\G
03	BP-BP.P_DATA<9>\G
04	BP-BP.P_DATA<10>\G
05	NC
06	BP-BP.P_DATA<11>\G
07	BP-BP.P_DATA<12>\G
08	BP-BP.P_DATA<13>\G
09	CONGND \G
10	BP-BP.P_DATA<14>\G
11	BP-BP.P_DATA<15>\G
12	BP-BP.P_DATA<40>\G
13	NC
14	BP-BP.P_DATA<41>\G
15	BP-BP.P_DATA<42>\G
16	BP-BP.P_DATA<43>\G
17	CONGND \G
18	BP-BP.P_DATA<44>\G
19	BP-BP.P_DATA<45>\G
20	BP-BP.P_DATA<46>\G
21	NC
22	BP-BP.P_DATA<47>\G
23	BP-BP.P_IBINTV<0>\G
24	BP-BP.P_IBINTV<1>\G
25	CONGND \G
26	BP-BP.P_IBINTV<2>\G
27	BP-BP.P_IBINTV<3>\G
28	BP-BP.P_IBINTV<4>\G
29	NC
30	BP-BP.P_IBINTV<5>\G
31	BP-BP.P_IBINTV<6>\G
32	BP-BP.P_IBINTV<7>\G

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	MC-MAS.MDOEN<6>* \G
02	NC
03	NC
04	NC
05	CONGND \G
06	BP-BP.MD<8> \G
07	BP-BP.MD<9> \G
08	BP-BP.MD<10> \G
09	BP-BP.MD<11> \G
10	BP-BP.MD<12> \G
11	BP-BP.MD<13> \G
12	BP-BP.MD<14> \G
13	CONGND \G
14	BP-BP.MD<15> \G
15	BP-BP.MD<40> \G
16	BP-BP.MD<41> \G
17	BP-BP.MD<42> \G
18	BP-BP.MD<43> \G
19	BP-BP.MD<44> \G
20	BP-BP.MD<45> \G
21	CONGND \G
22	BP-BP.MD<46> \G
23	BP-BP.MD<47> \G
24	BP-BP.MD<16> \G
25	BP-BP.MD<17> \G
26	BP-BP.MD<18> \G
27	BP-BP.MD<19> \G
28	BP-BP.MD<20> \G
29	CONGND \G
30	BP-BP.MD<21> \G
31	BP-BP.MD<22> \G
32	BP-BP.MD<23> \G

CONNECTOR P3

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DRAWING:	411-000110-300 REV B03	ENGR:	JONES
REVISED:	Thu Oct 4 15:42:07 1984	PAGE:	PCBP.2 MAUSCONS.3

1P
300-41612-396
UMAUG-P4

A	
01	CONGND \G
02	BP-MC. P_HDR*\G
03	BP-MC. P_INT*\G
04	BP-MC. P_BUSLOCK*\G
05	NC
06	MA6-MC. P_IBREQ*\G
07	MC-MAB. P_IBGRNT*\G
08	MC-BP. P_IBINT*\G
09	CONGND \G
10	BP-MC. P_IBIACK*\G
11	MC-BP. P_IBICOMP*\G
12	BP-BP. P_DATA<0>\G
13	NC
14	BP-BP. P_DATA<1>\G
15	BP-BP. P_DATA<2>\G
16	BP-BP. P_DATA<3>\G
17	CONGND \G
18	BP-BP. P_DATA<4>\G
19	BP-BP. P_DATA<5>\G
20	BP-BP. P_DATA<6>\G
21	NC
22	BP-BP. P_DATA<7>\G
23	BP-BP. P_DATA<32>\G
24	BP-BP. P_DATA<33>\G
25	CONGND \G
26	BP-BP. P_DATA<34>\G
27	BP-BP. P_DATA<35>\G
28	BP-BP. P_DATA<36>\G
29	NC
30	BP-BP. P_DATA<37>\G
31	BP-BP. P_DATA<38>\G
32	BP-BP. P_DATA<39>\G

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	MC-BP. ID_SK \G
02	MC-BP. ID_DI \G
03	BP-MC. ID_DO \G
04	BP-BP. MD<00> \G
05	CONGND \G
06	BP-BP. MD<01> \G
07	BP-BP. MD<02> \G
08	BP-BP. MD<03> \G
09	BP-BP. MD<04> \G
10	BP-BP. MD<05> \G
11	BP-BP. MD<06> \G
12	BP-BP. MD<07> \G
13	CONGND \G
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	BP-BP. MD<32> \G
21	CONGND \G
22	BP-BP. MD<33> \G
23	BP-BP. MD<34> \G
24	BP-BP. MD<35> \G
25	BP-BP. MD<36> \G
26	BP-BP. MD<37> \G
27	BP-BP. MD<38> \G
28	BP-BP. MD<39> \G
29	CONGND \G
30	NC
31	NC
32	NC

C
B
A

CONNECTOR P4

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TITLE: MAUBCONS
DRAWING: 411-000110-300 REV B03

ABBR: MAUBCONS
ENGR: JONES

REVISED: Thu Oct 4 15:43:05 1984

PAGE: PCBP.2 MAUBCONS.4

1P
 300-41612-396
 UMA06-PS

A	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	MC-BP. MA<8> \G
08	MC-BP. MA<10> \G
09	CONGND \G
10	MC-BP. MA<13> \G
11	MC-BP. MA<15> \G
12	MC-BP. MA<1> \G
13	MC-BP. MA<3> \G
14	MC-BP. MA<4> \G
15	MC-BP. MA<6> \G
16	MC-BP. MA<17> \G
17	CONGND \G
18	MC-BP. MRS<1>* \G
19	MC-BP. MRF5H* \G
20	MC-BP. MCI<1>* \G
21	MC-BP. MCI<3>* \G
22	MC-BP. MCS<0>* \G
23	MC-BP. MCS<1> \G
24	MC-BP. MCS<2> \G
25	CONGND \G
26	MC-BP. BNKEN<3>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

B	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	SP-MAB. CC120MHZ \G
08	SP-MAB. CC1MPHASE \G
09	SP-MAB. CC1GPHASE \G
10	MAB-SP. CCLERR* \G
11	SP-MAB. CCL0DNA* \G
12	SP-BP. CCDMODE* \G
13	SP-BP. CCSCTL<0>* \G
14	SP-BP. CCSCTL<1>* \G
15	SP-BP. CCLDRAM* \G
16	SP-BP. CCLCLEAR* \G
17	SP-BP. CCMSBDOUT* \G
18	SP-BP. CCLSBBDOUT* \G
19	NC
20	MAB-MC. P_CCR<1>* \G
21	MC-MAB. P_CCG<1>* \G
22	BP-MC. P_CBAU* \G
23	MC-BP. P_MBAU* \G
24	BP-BP. P_DUAL* \G
25	MC-BP. P_BUSERR* \G
26	MC-BP. P_MEMERR* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

C	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	MC-BP. MA<9> \G
08	MC-BP. MA<11> \G
09	MC-BP. MA<12> \G
10	MC-BP. MA<14> \G
11	MC-BP. MA<0> \G
12	MC-BP. MA<2> \G
13	CONGND \G
14	MC-BP. MA<5> \G
15	MC-BP. MA<7> \G
16	MC-BP. MA<16> \G
17	MC-BP. MRS<0>* \G
18	MC-BP. MW* \G
19	MC-BP. MCI<0>* \G
20	MC-BP. MCI<2>* \G
21	CONGND \G
22	BP-MC. MAUWAIT* \G
23	MC-MAB. ID_CS* \G
24	MC-BP. BNKEN<0>* \G
25	MC-BP. BNKEN<1>* \G
26	MC-BP. BNKEN<2>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

CONNECTOR P5

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ABBR: MAUSCONS
 ENGR: JONES

REVISED: Wed Oct 3 11:35:08 1984

PAGE: PCBP.2 MAUSCONS.5

1P
300-41612-396
UMAU7-P1

A	01	CONVCC \G
	02	CONVCC \G
	03	CONVCC \G
	04	CONGND \G
	05	CONGND \G
	06	CONGND \G
	07	BP-BP. P_DATA<56> \G
	08	BP-BP. P_DATA<57> \G
	09	CONGND \G
	10	BP-BP. P_DATA<58> \G
	11	BP-BP. P_DATA<59> \G
	12	BP-BP. P_DATA<60> \G
	13	BP-BP. P_DATA<61> \G
	14	BP-BP. P_DATA<62> \G
	15	BP-BP. P_DATA<63> \G
	16	BP-BP. P_PAR<7> \G
	17	CONGND \G
	18	BP-BP. P_PAR<3> \G
	19	BP-BP. P_PAR<6> \G
	20	BP-BP. P_PAR<2> \G
	21	BP-BP. P_PAR<5> \G
	22	BP-BP. P_PAR<1> \G
	23	BP-BP. P_PAR<4> \G
	24	BP-BP. P_PAR<0> \G
	25	CONGND \G
	26	MC-MA7. LEDON<7>* \G
	27	CONGND \G
	28	CONGND \G
	29	CONGND \G
	30	CONVCC \G
	31	CONVCC \G
	32	CONVCC \G

B	01	CONVCC \G
	02	CONVCC \G
	03	CONVCC \G
	04	CONGND \G
	05	CONGND \G
	06	CONGND \G
	07	NC
	08	NC
	09	NC
	10	NC
	11	NC
	12	NC
	13	NC
	14	NC
	15	NC
	16	NC
	17	NC
	18	NC
	19	NC
	20	NC
	21	NC
	22	NC
	23	PS-SP. PS3UPOS \G
	24	PS-SP. PS3UNEG \G
	25	PS-SP. PLUS12V \G
	26	PS-SP. MINUS12V \G
	27	CONGND \G
	28	CONGND \G
	29	CONGND \G
	30	CONVCC \G
	31	CONVCC \G
	32	CONVCC \G

C	01	CONVCC \G
	02	CONVCC \G
	03	CONVCC \G
	04	CONGND \G
	05	CONGND \G
	06	CONGND \G
	07	CCU2ID<0>* \G
	08	CONGND \G
	09	BP-BP. MD<56> \G
	10	BP-BP. MD<57> \G
	11	BP-BP. MD<58> \G
	12	BP-BP. MD<59> \G
	13	CONGND \G
	14	BP-BP. MD<60> \G
	15	BP-BP. MD<61> \G
	16	BP-BP. MD<62> \G
	17	BP-BP. MD<63> \G
	18	BP-BP. MD<64> \G
	19	BP-BP. MD<65> \G
	20	BP-BP. MD<66> \G
	21	CONGND \G
	22	BP-BP. MD<67> \G
	23	BP-BP. MD<68> \G
	24	BP-BP. MD<69> \G
	25	BP-BP. MD<70> \G
	26	BP-BP. MD<71> \G
	27	CONGND \G
	28	CONGND \G
	29	CONGND \G
	30	CONVCC \G
	31	CONVCC \G
	32	CONVCC \G

REF INE
X-FAST
X-STEP-11

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TITLE:	MAU7CONS	ABBR:	MAU7CONS
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REVISED:	Wed Oct 10 08:13:20 1984	PAGE:	PCBP.2 MAU7CONS.1

CONNECTOR P1

1P
300-41612-396
UMAU7-P2

A	
01	CONGND \G
02	BP-BP.P_DATA<16> \G
03	BP-BP.P_DATA<17> \G
04	BP-BP.P_DATA<18> \G
05	NC
06	BP-BP.P_DATA<19> \G
07	BP-BP.P_DATA<20> \G
08	BP-BP.P_DATA<21> \G
09	CONGND \G
10	BP-BP.P_DATA<22> \G
11	BP-BP.P_DATA<23> \G
12	BP-BP.P_DATA<48> \G
13	NC
14	BP-BP.P_DATA<49> \G
15	BP-BP.P_DATA<50> \G
16	BP-BP.P_DATA<51> \G
17	CONGND \G
18	BP-BP.P_DATA<52> \G
19	BP-BP.P_DATA<53> \G
20	BP-BP.P_DATA<54> \G
21	NC
22	BP-BP.P_DATA<55> \G
23	BP-BP.P_DATA<24> \G
24	BP-BP.P_DATA<25> \G
25	CONGND \G
26	BP-BP.P_DATA<26> \G
27	BP-BP.P_DATA<27> \G
28	BP-BP.P_DATA<28> \G
29	NC
30	BP-BP.P_DATA<29> \G
31	BP-BP.P_DATA<30> \G
32	BP-BP.P_DATA<31> \G

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	NC
02	NC
03	NC
04	NC
05	CONGND \G
06	NC
07	NC
08	BP-BP.MD<48> \G
09	BP-BP.MD<49> \G
10	BP-BP.MD<50> \G
11	BP-BP.MD<51> \G
12	BP-BP.MD<52> \G
13	CONGND \G
14	BP-BP.MD<53> \G
15	BP-BP.MD<54> \G
16	BP-BP.MD<55> \G
17	NC
18	NC
19	NC
20	NC
21	CONGND \G
22	NC
23	NC
24	BP-BP.MD<24> \G
25	BP-BP.MD<25> \G
26	BP-BP.MD<26> \G
27	BP-BP.MD<27> \G
28	BP-BP.MD<28> \G
29	CONGND \G
30	BP-BP.MD<29> \G
31	BP-BP.MD<30> \G
32	BP-BP.MD<31> \G

CONNECTOR P2

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CONVEX

TITLE: MAU7CONS
DRAWING: 411-000110-300 REV B03

ABBR: MAU7CONS
ENGR: JONES

REVISED: Thu Oct 4 15:44:39 1984 | PAGE: PCBP.2 MAU7CONS.2

2P
300-41612-396
UMAU7-P3

A	01	CONGND \G
	02	BP-BP.P_DATA<8>\G
	03	BP-BP.P_DATA<9>\G
	04	BP-BP.P_DATA<10>\G
	05	NC
	06	BP-BP.P_DATA<11>\G
	07	BP-BP.P_DATA<12>\G
	08	BP-BP.P_DATA<13>\G
	09	CONGND \G
	10	BP-BP.P_DATA<14>\G
	11	BP-BP.P_DATA<15>\G
	12	BP-BP.P_DATA<40>\G
	13	NC
	14	BP-BP.P_DATA<41>\G
	15	BP-BP.P_DATA<42>\G
	16	BP-BP.P_DATA<43>\G
	17	CONGND \G
	18	BP-BP.P_DATA<44>\G
	19	BP-BP.P_DATA<45>\G
	20	BP-BP.P_DATA<46>\G
	21	NC
	22	BP-BP.P_DATA<47>\G
	23	BP-BP.P_IBINTV<0>\G
	24	BP-BP.P_IBINTV<1>\G
	25	CONGND \G
	26	BP-BP.P_IBINTV<2>\G
	27	BP-BP.P_IBINTV<3>\G
	28	BP-BP.P_IBINTV<4>\G
	29	NC
	30	BP-BP.P_IBINTV<5>\G
	31	BP-BP.P_IBINTV<6>\G
	32	BP-BP.P_IBINTV<7>\G

B	01	NC
	02	NC
	03	NC
	04	NC
	05	NC
	06	NC
	07	NC
	08	NC
	09	NC
	10	NC
	11	NC
	12	NC
	13	NC
	14	NC
	15	NC
	16	NC
	17	NC
	18	NC
	19	NC
	20	NC
	21	NC
	22	NC
	23	NC
	24	NC
	25	NC
	26	NC
	27	NC
	28	NC
	29	NC
	30	NC
	31	NC
	32	NC

C	01	MC-MA7.MDOEN<7>* \G
	02	NC
	03	NC
	04	NC
	05	CONGND \G
	06	BP-BP.MD<8> \G
	07	BP-BP.MD<9> \G
	08	BP-BP.MD<10> \G
	09	BP-BP.MD<11> \G
	10	BP-BP.MD<12> \G
	11	BP-BP.MD<13> \G
	12	BP-BP.MD<14> \G
	13	CONGND \G
	14	BP-BP.MD<15> \G
	15	BP-BP.MD<40> \G
	16	BP-BP.MD<41> \G
	17	BP-BP.MD<42> \G
	18	BP-BP.MD<43> \G
	19	BP-BP.MD<44> \G
	20	BP-BP.MD<45> \G
	21	CONGND \G
	22	BP-BP.MD<46> \G
	23	BP-BP.MD<47> \G
	24	BP-BP.MD<15> \G
	25	BP-BP.MD<17> \G
	26	BP-BP.MD<18> \G
	27	BP-BP.MD<19> \G
	28	BP-BP.MD<20> \G
	29	CONGND \G
	30	BP-BP.MD<21> \G
	31	BP-BP.MD<22> \G
	32	BP-BP.MD<23> \G

CONNECTOR P3

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CONVEX

TITLE: MAU7CONS
DRAWING: 411-002110-300 REV B03

ABBR: MAU7CONS
ENGR: JONES

REVISED: Thu Oct 4 15:45:25 1984 PAGE: PCBP.2 MAU7CONS.3

1P
300-41612-396
UMA7-P4

A	
01	CONGND \G
02	BP-MC.P_HDR*\G
03	BP-MC.P_INT*\G
04	BP-MC.P_BUSLOCK*\G
05	NC
06	MA7-MC.P_IBREQ*\G
07	MC-MA7.P_IBGRNT*\G
08	MC-BP.P_IBINT*\G
09	CONGND \G
10	BP-MC.P_IBIACK*\G
11	MC-BP.P_IBICOMP*\G
12	BP-BP.P_DATA<0>\G
13	NC
14	BP-BP.P_DATA<1>\G
15	BP-BP.P_DATA<2>\G
16	BP-BP.P_DATA<3>\G
17	CONGND \G
18	BP-BP.P_DATA<4>\G
19	BP-BP.P_DATA<5>\G
20	BP-BP.P_DATA<6>\G
21	NC
22	BP-BP.P_DATA<7>\G
23	BP-BP.P_DATA<32>\G
24	BP-BP.P_DATA<33>\G
25	CONGND \G
26	BP-BP.P_DATA<34>\G
27	BP-BP.P_DATA<35>\G
28	BP-BP.P_DATA<36>\G
29	NC
30	BP-BP.P_DATA<37>\G
31	BP-BP.P_DATA<38>\G
32	BP-BP.P_DATA<39>\G

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	MC-BP.ID_SK \G
02	MC-BP.ID_D1 \G
03	BP-MC.ID_DO \G
04	BP-BP.MD<00> \G
05	CONGND \G
06	BP-BP.MD<01> \G
07	BP-BP.MD<02> \G
08	BP-BP.MD<03> \G
09	BP-BP.MD<04> \G
10	BP-BP.MD<05> \G
11	BP-BP.MD<06> \G
12	BP-BP.MD<07> \G
13	CONGND \G
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	BP-BP.MD<32> \G
21	CONGND \G
22	BP-BP.MD<33> \G
23	BP-BP.MD<34> \G
24	BP-BP.MD<35> \G
25	BP-BP.MD<36> \G
26	BP-BP.MD<37> \G
27	BP-BP.MD<38> \G
28	BP-BP.MD<39> \G
29	CONGND \G
30	NC
31	NC
32	NC

CONNECTOR P4

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CONVEX

TITLE: MAU7CONS

DRAWING: 411-00110-300 REV B03

REVISED: Thu Oct 4 15:46:08 1984

ABBR: MAU7CONS

ENGR: JONES

PAGE: PCBP.2 MAU7CONS.4

1P
300-41612-396
UMAU7-P5

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	MC-BP. MA<8> \G
08	MC-BP. MA<10> \G
09	CONGND \G
10	MC-BP. MA<13> \G
11	MC-BP. MA<15> \G
12	MC-BP. MA<1> \G
13	MC-BP. MA<3> \G
14	MC-BP. MA<4> \G
15	MC-BP. MA<6> \G
16	MC-BP. MA<17> \G
17	CONGND \G
18	MC-BP. MRS<1>* \G
19	MC-BP. MRF5H* \G
20	MC-BP. MCI<1>* \G
21	MC-BP. MCI<3>* \G
22	MC-BP. MCS<0> \G
23	MC-BP. MCS<1> \G
24	MC-BP. MCS<2> \G
25	CONGND \G
26	MC-BP. BNKEN<3>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	SP-MA7. CC220MHZ \G
08	SP-MA7. CC2MPHASE \G
09	SP-MA7. CC2GPHASE \G
10	MA7-SP. CC2ERR* \G
11	SP-MA7. CC20DENA* \G
12	SP-BP. CCDMODE* \G
13	SP-BP. CCSCTL<0>* \G
14	SP-BP. CCSCTL<1>* \G
15	SP-BP. CCLDRAM* \G
16	SP-BP. CCCLLEAR* \G
17	SP-BP. CCMSBDDOUT* \G
18	SP-BP. CCLSBDDOUT* \G
19	NC
20	MA7-MC. P_CCR<2>* \G
21	MC-MA7. P_CCG<2>* \G
22	BP-MC. P_CBAV* \G
23	MC-BP. P_MBAV* \G
24	BP-BP. P_DVAL* \G
25	MC-BP. P_BUSERR* \G
26	MC-BP. P_MEMERR* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	MC-BP. MA<9> \G
08	MC-BP. MA<11> \G
09	MC-BP. MA<12> \G
10	MC-BP. MA<14> \G
11	MC-BP. MA<0> \G
12	MC-BP. MA<2> \G
13	CONGND \G
14	MC-BP. MA<5> \G
15	MC-BP. MA<7> \G
16	MC-BP. MA<16> \G
17	MC-BP. MRS<0>* \G
18	MC-BP. MW* \G
19	MC-BP. MCI<0>* \G
20	MC-BP. MCI<2>* \G
21	CONGND \G
22	BP-MC. MAUWAIT* \G
23	MC-MA7. ID_CS* \G
24	MC-BP. BNKEN<0>* \G
25	MC-BP. BNKEN<1>* \G
26	MC-BP. BNKEN<2>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

CONNECTOR P5

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CONVEX

TITLE: MAU7CONS
DRAWING: 411-0001110-300 REV B03

ABBR: MAU7CONS
ENGR: JONES

REVISED: Wed Oct 3 11:33:00 1984 PAGE: PCB.P.2 MAU7CONS.5

300-41612-396

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	MC-MA0. LEDON<0>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	BP-BP. P_DATA<56> \G
08	BP-BP. P_DATA<57> \G
09	BP-BP. P_DATA<58> \G
10	BP-BP. P_DATA<59> \G
11	BP-BP. P_DATA<60> \G
12	BP-BP. P_DATA<61> \G
13	BP-BP. P_DATA<62> \G
14	BP-BP. P_DATA<63> \G
15	BP-BP. P_PAR<7> \G
16	BP-BP. P_PAR<3> \G
17	BP-BP. P_PAR<6> \G
18	BP-BP. P_PAR<2> \G
19	BP-BP. P_PAR<5> \G
20	BP-BP. P_PAR<1> \G
21	BP-BP. P_PAR<4> \G
22	BP-BP. P_PAR<0> \G
23	MC-MA4. LEDON<4>* \G
24	MC-MA3. LEDON<3>* \G
25	MC-MA2. LEDON<2>* \G
26	MC-MA1. LEDON<1>* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	BP-BP. MD<56> \G
10	BP-BP. MD<57> \G
11	BP-BP. MD<58> \G
12	BP-BP. MD<59> \G
13	CONGND \G
14	BP-BP. MD<60> \G
15	BP-BP. MD<61> \G
16	BP-BP. MD<62> \G
17	BP-BP. MD<63> \G
18	BP-BP. MD<64> \G
19	BP-BP. MD<65> \G
20	BP-BP. MD<66> \G
21	CONGND \G
22	BP-BP. MD<67> \G
23	BP-BP. MD<68> \G
24	BP-BP. MD<69> \G
25	BP-BP. MD<70> \G
26	BP-BP. MD<71> \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

D

C

B

A

DEFINE
FIRST
K. SIGPUB

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CONNECTOR P1

TITLE:	MCUCONS	ABBR:	MCUCONS
DRAWING:	411-000110-300 REV B03	ENGR:	JONES
REVISED:	Mon Oct 1 14:30:27 1984	PAGE:	PCBP. 2 MCUCONS. 1

B

7

6

5

4

3

2

1

D

C

B

A

IP
300-41612-396
UMCU-P2

A	
01	CONGND \G
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	MC-MA7. LEDON<7>* \G
31	MC-MA6. LEDON<6>* \G
32	MC-MA5. LEDON<5>* \G

B	
01	BP-BP. P_DATA<16> \G
02	BP-BP. P_DATA<17> \G
03	BP-BP. P_DATA<18> \G
04	BP-BP. P_DATA<19> \G
05	BP-BP. P_DATA<20> \G
06	BP-BP. P_DATA<21> \G
07	BP-BP. P_DATA<22> \G
08	BP-BP. P_DATA<23> \G
09	BP-BP. P_DATA<48> \G
10	BP-BP. P_DATA<49> \G
11	BP-BP. P_DATA<50> \G
12	BP-BP. P_DATA<51> \G
13	BP-BP. P_DATA<52> \G
14	BP-BP. P_DATA<53> \G
15	BP-BP. P_DATA<54> \G
16	BP-BP. P_DATA<55> \G
17	NC
18	NC
19	NC
20	NC
21	NC
22	BP-BP. P_DATA<24> \G
23	BP-BP. P_DATA<25> \G
24	BP-BP. P_DATA<26> \G
25	BP-BP. P_DATA<27> \G
26	BP-BP. P_DATA<28> \G
27	BP-BP. P_DATA<29> \G
28	BP-BP. P_DATA<30> \G
29	BP-BP. P_DATA<31> \G
30	NC
31	NC
32	NC

C	
01	NC
02	NC
03	NC
04	NC
05	CONGND \G
06	NC
07	NC
08	BP-BP. MD<48> \G
09	BP-BP. MD<49> \G
10	BP-BP. MD<50> \G
11	BP-BP. MD<51> \G
12	BP-BP. MD<52> \G
13	CONGND \G
14	BP-BP. MD<53> \G
15	BP-BP. MD<54> \G
16	BP-BP. MD<55> \G
17	NC
18	NC
19	NC
20	NC
21	CONGND \G
22	NC
23	NC
24	BP-BP. MD<24> \G
25	BP-BP. MD<25> \G
26	BP-BP. MD<26> \G
27	BP-BP. MD<27> \G
28	BP-BP. MD<28> \G
29	CONGND \G
30	BP-BP. MD<29> \G
31	BP-BP. MD<30> \G
32	BP-BP. MD<31> \G

CONNECTOR P2

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CONVEX

TITLE: MCUCONS
DRAWING: 411-000110-300 REV B03

ABBR: MCUCONS
ENGR: JONES

REVISED: Mon Oct 1 14:31:32 1984

PAGE: PCBP.2 MCUCONS.2

B

7

6

3

2

1

300-41612-396
UMCU-P3

A	
01	CONGND \G
02	MC-MA2. MDOEN<2>* \G
03	MC-MA4. MDOEN<4>* \G
04	MC-MA6. MDOEN<6>* \G
05	MC-MA7. MDOEN<7>* \G
06	MC-SP. RDCOMP \G
07	MC-SP. WRTCOMP \G
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	MC-SP. REFINPROG* \G
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

JP	
B	
01	MC-MA0. ID_CS* \G
02	MC-MA1. ID_CS* \G
03	MC-MA2. ID_CS* \G
04	MC-MA3. ID_CS* \G
05	MC-MA4. ID_CS* \G
06	MC-MA5. ID_CS* \G
07	MC-MA6. ID_CS* \G
08	MC-MA7. ID_CS* \G
09	BP-BP. P_DATA<8> \G
10	BP-BP. P_DATA<9> \G
11	BP-BP. P_DATA<10> \G
12	BP-BP. P_DATA<11> \G
13	BP-BP. P_DATA<12> \G
14	BP-BP. P_DATA<13> \G
15	BP-BP. P_DATA<14> \G
16	BP-BP. P_DATA<15> \G
17	BP-BP. P_DATA<40> \G
18	BP-BP. P_DATA<41> \G
19	BP-BP. P_DATA<42> \G
20	BP-BP. P_DATA<43> \G
21	BP-BP. P_DATA<44> \G
22	BP-BP. P_DATA<45> \G
23	BP-BP. P_DATA<46> \G
24	BP-BP. P_DATA<47> \G
25	BP-BP. P_IBINTV<0> \G
26	BP-BP. P_IBINTV<1> \G
27	BP-BP. P_IBINTV<2> \G
28	BP-BP. P_IBINTV<3> \G
29	BP-BP. P_IBINTV<4> \G
30	BP-BP. P_IBINTV<5> \G
31	BP-BP. P_IBINTV<6> \G
32	BP-BP. P_IBINTV<7> \G

C	
01	MC-MA0. MDOEN<0>* \G
02	MC-MA1. MDOEN<1>* \G
03	MC-MA3. MDOEN<3>* \G
04	MC-MA5. MDOEN<5>* \G
05	CONGND \G
06	BP-BP. MD<8> \G
07	BP-BP. MD<9> \G
08	BP-BP. MD<10> \G
09	BP-BP. MD<11> \G
10	BP-BP. MD<12> \G
11	BP-BP. MD<13> \G
12	BP-BP. MD<14> \G
13	CONGND \G
14	BP-BP. MD<15> \G
15	BP-BP. MD<40> \G
16	BP-BP. MD<41> \G
17	BP-BP. MD<42> \G
18	BP-BP. MD<43> \G
19	BP-BP. MD<44> \G
20	BP-BP. MD<45> \G
21	CONGND \G
22	BP-BP. MD<46> \G
23	BP-BP. MD<47> \G
24	BP-BP. MD<16> \G
25	BP-BP. MD<17> \G
26	BP-BP. MD<18> \G
27	BP-BP. MD<19> \G
28	BP-BP. MD<20> \G
29	CONGND \G
30	BP-BP. MD<21> \G
31	BP-BP. MD<22> \G
32	BP-BP. MD<23> \G

CONNECTOR P3

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CONVEX

TITLE: MLCUONS
DRAWING: 411-000110-300 REV B03
REVISED: Mon Oct 1 14:32:45 1984

ABBR: MLCUONS
ENGR: JONES

PAGE: PCBP. 2 MLCUONS. 3

1P
300-41612-396
UMCU-P4

A		B		C	
01	CONGND \G	01	BP-MC.P_CBAV* \G	01	MC-BP.ID_SK \G
02	SP-MC.P_CCR<0>* \G	02	MC-BP.P_MBAV* \G	02	MC-BP.ID_DI \G
03	MC-SP.P_CCG<0>* \G	03	BP-BP.P_DVAL* \G	03	BP-MC.ID_D0 \G
04	SP-MC.P_SPUR* \G	04	MC-BP.P_BUSERR* \G	04	BP-BP.MD<00> \G
05	MC-SP.P_SPUG* \G	05	MC-BP.P_MEMERR* \G	05	CONGND \G
06	CC7-MC.P_CCR<7>* \G	06	MC-BP.P_HDR* \G	06	BP-BP.MD<01> \G
07	MC-CC7.P_CCG<7>* \G	07	BP-MC.P_SLAT* \G	07	BP-BP.MD<02> \G
08	CC6-MC.P_CCR<6>* \G	08	BP-MC.P_BUSLOCK* \G	08	BP-BP.MD<03> \G
09	CONGND \G	09	MA6-MC.P_CCR<1>* \G	09	BP-BP.MD<04> \G
10	MC-CC6.P_CCG<6>* \G	10	MC-MA6.P_CCG<1>* \G	10	BP-BP.MD<05> \G
11	CC5-MC.P_CCR<5>* \G	11	MA7-MC.P_CCR<2>* \G	11	BP-BP.MD<06> \G
12	MC-CC5.P_CCG<5>* \G	12	MC-MA7.P_CCG<2>* \G	12	BP-BP.MD<07> \G
13	AS-MC.P_IBREQ* \G	13	CC3-MC.P_CCR<3>* \G	13	CONGND \G
14	MC-AS.P_IBGRNT* \G	14	MC-CC3.P_CCG<3>* \G	14	MC-BP.P_IBINT* \G
15	MA6-MC.P_IBREQ* \G	15	CC4-MC.P_CCR<4>* \G	15	BP-MC.P_IBIACK* \G
16	MC-MA6.P_IBGRNT* \G	16	MC-CC4.P_CCG<4>* \G	16	MC-BP.P_IBICOMP* \G
17	CONGND \G	17	BP-BP.P_DATA<0> \G	17	NC
18	MA7-MC.P_IBREQ* \G	18	BP-BP.P_DATA<1> \G	18	PROBECLK \G
19	MC-MA7.P_IBGRNT* \G	19	BP-BP.P_DATA<2> \G	19	NC
20	CC3-MC.P_IBREQ* \G	20	BP-BP.P_DATA<3> \G	20	BP-BP.MD<32> \G
21	MC-CC3.P_IBGRNT* \G	21	BP-BP.P_DATA<4> \G	21	CONGND \G
22	CC4-MC.P_IBREQ* \G	22	BP-BP.P_DATA<5> \G	22	BP-BP.MD<33> \G
23	MC-CC4.P_IBGRNT* \G	23	BP-BP.P_DATA<6> \G	23	BP-BP.MD<34> \G
24	CC5-MC.P_IBREQ* \G	24	BP-BP.P_DATA<7> \G	24	BP-BP.MD<35> \G
25	CONGND \G	25	BP-BP.P_DATA<32> \G	25	BP-BP.MD<36> \G
26	MC-CC5.P_IBGRNT* \G	26	BP-BP.P_DATA<33> \G	26	BP-BP.MD<37> \G
27	CC6-MC.P_IBREQ* \G	27	BP-BP.P_DATA<34> \G	27	BP-BP.MD<38> \G
28	MC-CC6.P_IBGRNT* \G	28	BP-BP.P_DATA<35> \G	28	BP-BP.MD<39> \G
29	CC7-MC.P_IBREQ* \G	29	BP-BP.P_DATA<36> \G	29	CONGND \G
30	MC-CC7.P_IBGRNT* \G	30	BP-BP.P_DATA<37> \G	30	NC
31	SP-MC.P_IBREQ* \G	31	BP-BP.P_DATA<38> \G	31	NC
32	MC-SP.P_IBGRNT* \G	32	BP-BP.P_DATA<39> \G	32	NC

CONNECTOR P4

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TITLE:	MUCUONS	ABBR:	MUCUONS
DRAWING:	411-000110-300 REV B03	ENGR:	JONES
REVISED:	Mon Oct 1 14:33:46 1984	PAGE:	PCBP.2 MUCUONS.4

8

7

6

5

4

3

2

1

D

C

B

A

1P
300-41612-396
UMCU-P5

- A
- 01 CONUCC \G
- 02 CONUCC \G
- 03 CONUCC \G
- 04 CONGND \G
- 05 CONGND \G
- 06 CONGND \G
- 07 MC-BP.MA \G
- 08 MC-BP.MA<10> \G
- 09 CONGND \G
- 10 MC-BP.MA<13> \G
- 11 MC-BP.MA<15> \G
- 12 MC-BP.MA<1> \G
- 13 MC-BP.MA<3> \G
- 14 MC-BP.MA<4> \G
- 15 MC-BP.MA<6> \G
- 16 MC-BP.MA<17> \G
- 17 CONGND \G
- 18 MC-BP.MRS<1>* \G
- 19 MC-BP.MRFSH* \G
- 20 MC-BP.MCI<1>* \G
- 21 MC-BP.MCI<3>* \G
- 22 MC-BP.MCS<0> \G
- 23 MC-BP.MCS<1> \G
- 24 MC-BP.MCS<2> \G
- 25 CONGND \G
- 26 SP-MC.MCURUN \G
- 27 CONGND \G
- 28 CONGND \G
- 29 CONGND \G
- 30 CONUCC \G
- 31 CONUCC \G
- 32 CONUCC \G

- B
- 01 CONUCC \G
- 02 CONUCC \G
- 03 CONUCC \G
- 04 CONGND \G
- 05 CONGND \G
- 06 CONGND \G
- 07 SP-MC.MCU20MHZ \G
- 08 SP-MC.MCUMPHASE \G
- 09 SP-MC.MCUGPHASE \G
- 10 MC-SP.MCUERR* \G
- 11 SP-MC.MCUODENA* \G
- 12 SP-BP.JPDMODE* \G
- 13 SP-BP.JPSCTL<0>* \G
- 14 SP-BP.JPSCTL<1>* \G
- 15 SP-BP.JPLDRAM* \G
- 16 SP-BP.MCUCLEAR* \G
- 17 SP-BP.JPMSBDOUT* \G
- 18 SP-BP.JPLSBDOUT* \G
- 19 BP-BP.JPHALT* \G
- 20 MC-SP.SOFTERR* \G
- 21 SP-MC.JPPOK* \G
- 22 MC-BP.MCS<0>* \G
- 23 MC-BP.MCS<1>* \G
- 24 MC-BP.MCS<2>* \G
- 25 SP-MC.PBUSEN* \G
- 26 MC-BP.BNKEN<3>* \G
- 27 CONGND \G
- 28 CONGND \G
- 29 CONGND \G
- 30 CONUCC \G
- 31 CONUCC \G
- 32 CONUCC \G

- C
- 01 CONUCC \G
- 02 CONUCC \G
- 03 CONUCC \G
- 04 CONGND \G
- 05 CONGND \G
- 06 CONGND \G
- 07 MC-BP.MA<9> \G
- 08 MC-BP.MA<11> \G
- 09 MC-BP.MA<12> \G
- 10 MC-BP.MA<14> \G
- 11 MC-BP.MA<0> \G
- 12 MC-BP.MA<2> \G
- 13 CONGND \G
- 14 MC-BP.MA<5> \G
- 15 MC-BP.MA<7> \G
- 16 MC-BP.MA<16> \G
- 17 MC-BP.MRS<0>* \G
- 18 MC-BP.MW* \G
- 19 MC-BP.MCI<0>* \G
- 20 MC-BP.MCI<2>* \G
- 21 CONGND \G
- 22 BP-MC.MALUWAIT* \G
- 23 NC
- 24 MC-BP.BNKEN<0>* \G
- 25 MC-BP.BNKEN<1>* \G
- 26 MC-BP.BNKEN<2>* \G
- 27 CONGND \G
- 28 CONGND \G
- 29 CONGND \G
- 30 CONUCC \G
- 31 CONUCC \G
- 32 CONUCC \G

CONNECTOR P5

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TITLE: MCUCONS	ABBR: MCUCONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Mon Oct 1 14:34:58 1984	PAGE: PCBP.2 MCUCONS.5

8

7

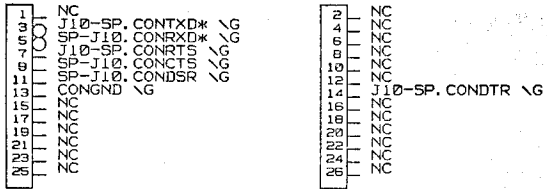
6

3

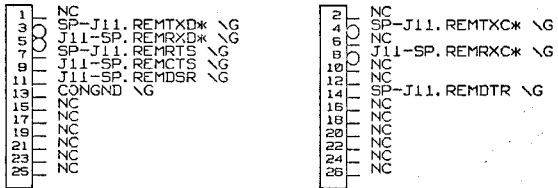
2

1

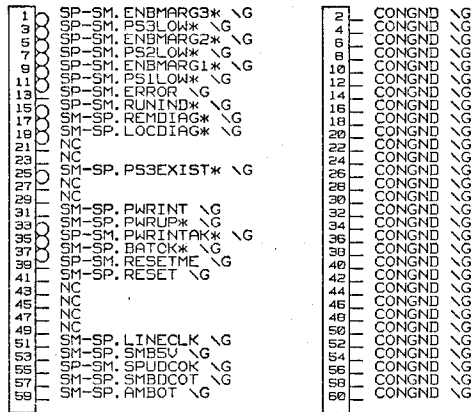
1B
2P
UJ10 HDR26
RS-232 CONNECTION TO CONSOLE



1B
3P
UJ11 HDR26
RS-232 CONNECTION TO REMOTE PORT



1B
1P
UJ13 HDR50
CONNECTION TO ENVIRONMENTAL MONITOR AND CONTROL



DEFINE
X_FIRST=0
X_STEP=SIZE

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TITLE: MISCONS	ABBR: MISCONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Wed Oct 3 12:16:12 1984	PAGE: PCBP.2 MISCONS.1

1P
300-41612-396
UPCU-P1

A	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	AT-BP. SRC DAT<50>\G
09	CONGND \G
10	AT-BP. SRC DAT<55>\G
11	BP-AT. DST DAT<49>\G
12	BP-AT. DST DAT<52>\G
13	BP-AT. DST DAT<55>\G
14	AT-BP. SRC DAT<24>\G
15	AT-BP. SRC DAT<27>\G
16	AT-BP. SRC DAT<30>\G
17	CONGND \G
18	BP-AT. DST DAT<26>\G
19	BP-AT. DST DAT<29>\G
20	BP-AT. DST PAR<4>\G
21	AT-BP. SRC DAT<58>\G
22	AT-BP. SRC DAT<60>\G
23	AT-BP. SRC DAT<63>\G
24	BP-AT. DST DAT<57>\G
25	CONGND \G
26	BP-AT. DST DAT<62>\G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

B	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	AT-BP. SRC DAT<51>\G
09	AT-BP. SRC DAT<53>\G
10	AT-BP. SRC PAR<1>\G
11	BP-AT. DST DAT<50>\G
12	BP-AT. DST DAT<53>\G
13	BP-AT. DST PAR<1>\G
14	AT-BP. SRC DAT<25>\G
15	AT-BP. SRC DAT<28>\G
16	AT-BP. SRC DAT<31>\G
17	BP-AT. DST DAT<24>\G
18	BP-AT. DST DAT<27>\G
19	BP-AT. DST DAT<30>\G
20	AT-BP. SRC DAT<56>\G
21	AT-BP. SRC DAT<59>\G
22	AT-BP. SRC DAT<61>\G
23	AT-BP. SRC PAR<0>\G
24	BP-AT. DST DAT<58>\G
25	BP-AT. DST DAT<60>\G
26	BP-AT. DST DAT<63>\G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

C	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	AT-BP. SRC DAT<49>\G
08	AT-BP. SRC DAT<52>\G
09	AT-BP. SRC DAT<54>\G
10	BP-AT. DST DAT<48>\G
11	BP-AT. DST DAT<51>\G
12	BP-AT. DST DAT<54>\G
13	CONGND \G
14	AT-BP. SRC DAT<26>\G
15	AT-BP. SRC DAT<29>\G
16	AT-BP. SRC PAR<4>\G
17	BP-AT. DST DAT<25>\G
18	BP-AT. DST DAT<28>\G
19	BP-AT. DST DAT<31>\G
20	AT-BP. SRC DAT<57>\G
21	CONGND \G
22	AT-BP. SRC DAT<62>\G
23	BP-AT. DST DAT<56>\G
24	BP-AT. DST DAT<59>\G
25	BP-AT. DST DAT<61>\G
26	BP-AT. DST PAR<0>\G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

DEFINE
K-118014
K-310-011E

CONNECTOR P1

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CONVEX

TITLE: PCUCONS	ABBR: PCUCONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Mon Oct 1 17:09:48 1984	PAGE: PCBP.2 PCUCONS.1

1P
300-41612-396
UPCU-P2

A	
01	CONGND \G
02	AT-BP. SRC DAT<4>\G
03	AT-BP. SRC DAT<7>\G
04	BP-AT. DST DAT<1>\G
05	BP-AT. DST DAT<4>\G
06	BP-AT. DST DAT<6>\G
07	AT-BP. SRC DAT<32>\G
08	AT-BP. SRC DAT<35>\G
09	CONGND \G
10	AT-BP. SRC PAR<3>\G
11	BP-AT. DST DAT<34>\G
12	BP-AT. DST DAT<37>\G
13	BP-AT. DST PAR<3>\G
14	AT-BP. SRC DAT<9>\G
15	AT-BP. SRC DAT<12>\G
16	AT-BP. SRC DAT<15>\G
17	CONGND \G
18	BP-AT. DST DAT<11>\G
19	BP-AT. DST DAT<14>\G
20	AT-BP. SRC DAT<40>\G
21	AT-BP. SRC DAT<43>\G
22	AT-BP. SRC DAT<45>\G
23	AT-BP. SRC PAR<2>\G
24	BP-AT. DST DAT<42>\G
25	CONGND \G
26	BP-AT. DST DAT<47>\G
27	AT-BP. SRC DAT<17>\G
28	AT-BP. SRC DAT<20>\G
29	AT-BP. SRC DAT<29>\G
30	BP-AT. DST DAT<16>\G
31	BP-AT. DST DAT<19>\G
32	BP-AT. DST DAT<22>\G

B	
01	AT-BP. SRC DAT<2>\G
02	AT-BP. SRC DAT<5>\G
03	AT-BP. SRC PAR<7>\G
04	BP-AT. DST DAT<2>\G
05	BP-AT. DST DAT<5>\G
06	BP-AT. DST DAT<7>\G
07	AT-BP. SRC DAT<33>\G
08	AT-BP. SRC DAT<36>\G
09	AT-BP. SRC DAT<38>\G
10	BP-AT. DST DAT<32>\G
11	BP-AT. DST DAT<35>\G
12	BP-AT. DST DAT<38>\G
13	AT-BP. SRC DAT<8>\G
14	AT-BP. SRC DAT<10>\G
15	AT-BP. SRC DAT<13>\G
16	AT-BP. SRC PAR<6>\G
17	BP-AT. DST DAT<9>\G
18	BP-AT. DST DAT<12>\G
19	BP-AT. DST DAT<15>\G
20	AT-BP. SRC DAT<41>\G
21	AT-BP. SRC DAT<44>\G
22	AT-BP. SRC DAT<46>\G
23	BP-AT. DST DAT<40>\G
24	BP-AT. DST DAT<43>\G
25	BP-AT. DST DAT<45>\G
26	BP-AT. DST PAR<2>\G
27	AT-BP. SRC DAT<18>\G
28	AT-BP. SRC DAT<21>\G
29	AT-BP. SRC PAR<5>\G
30	BP-AT. DST DAT<17>\G
31	BP-AT. DST DAT<20>\G
32	BP-AT. DST DAT<23>\G

C	
01	AT-BP. SRC DAT<3>\G
02	AT-BP. SRC DAT<6>\G
03	BP-AT. DST DAT<0>\G
04	BP-AT. DST DAT<3>\G
05	CONGND \G
06	BP-AT. DST PAR<7>\G
07	AT-BP. SRC DAT<34>\G
08	AT-BP. SRC DAT<37>\G
09	AT-BP. SRC DAT<39>\G
10	BP-AT. DST DAT<33>\G
11	BP-AT. DST DAT<36>\G
12	BP-AT. DST DAT<39>\G
13	CONGND \G
14	AT-BP. SRC DAT<11>\G
15	AT-BP. SRC DAT<14>\G
16	BP-AT. DST DAT<8>\G
17	BP-AT. DST DAT<10>\G
18	BP-AT. DST DAT<13>\G
19	BP-AT. DST PAR<6>\G
20	AT-BP. SRC DAT<42>\G
21	CONGND \G
22	AT-BP. SRC DAT<47>\G
23	BP-AT. DST DAT<41>\G
24	BP-AT. DST DAT<44>\G
25	BP-AT. DST DAT<46>\G
26	AT-BP. SRC DAT<16>\G
27	AT-BP. SRC DAT<19>\G
28	AT-BP. SRC DAT<22>\G
29	CONGND \G
30	BP-AT. DST DAT<18>\G
31	BP-AT. DST DAT<21>\G
32	BP-AT. DST PAR<5>\G

CONNECTOR P2

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TITLE: PCUCONS	ABBR: PCUCONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Mon Oct 1 14:26:05 1984	PAGE: PCBP. 2 PCUCONS. 2

IP
300-41612-396
UPCU-P3

A	
01	CONGND \G
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	AT-BP.SRC DAT<0>\G

C	
01	NC
02	NC
03	NC
04	NC
05	CONGND \G
06	NC
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	CONGND \G
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	CONGND \G
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	CONGND \G
30	NC
31	NC
32	AT-BP.SRC DAT<1>\G

CONNECTOR P3

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CONVEX

TITLE: PCUCONS	ABBR: PCUCONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Mon Oct 1 14:27:08 1984	PAGE: PCBP.2 PCUCONS.3

1P
300-41612-396
UPCU-P4

- A
- 01 CONGND \G
- 02 NC
- 03 AT-PC.WR_ZONE <0> \G
- 04 AT-PC.WR_ZONE <3> \G
- 05 AT-PC.WR_ZONE <5> \G
- 06 O AT-PC.A_VALID* \G
- 07 AT-PC.MEM_CYC <0> \G
- 08 NC
- 09 CONGND \G
- 10 NC
- 11 NC
- 12 NC
- 13 NC
- 14 NC
- 15 NC
- 16 NC
- 17 CONGND \G
- 18 O PC-AT.ADR_BUF_AV* \G
- 19 O PC-AT.WR_BUF_AV* \G
- 20 O AT-PC.A_WR_DAT_AV* \G
- 21 NC
- 22 PC-PM.CACHE_BYPASS \G
- 23 PC-PM.CACHE_HIT_B \G
- 24 PC-PM.CACHE_HIT_A \G
- 25 CONGND \G
- 26 NC
- 27 O AS-PC.FLUSH_PCL* \G
- 28 NC
- 29 PC-PM.CACHE_WRITE_B \G
- 30 PC-PM.CACHE_WRITE_A \G
- 31 PC-PM.CACHE_READ_B \G
- 32 PC-PM.CACHE_READ_A \G

- B
- 01 NC
- 02 NC
- 03 AT-PC.WR_ZONE <1> \G
- 04 AT-PC.WR_ZONE <4> \G
- 05 AT-PC.WR_ZONE <7> \G
- 06 O AT-PC.B_VALID* \G
- 07 AT-PC.MEM_CYC <1> \G
- 08 NC
- 09 NC
- 10 NC
- 11 NC
- 12 NC
- 13 NC
- 14 NC
- 15 NC
- 16 NC
- 17 NC
- 18 O AT-PC.ABUF_CLR* \G
- 19 O PC-AT.A_DAU* \G
- 20 O AT-PC.B_WR_DAT_AV* \G
- 21 NC
- 22 PC-PM.L2_REQ \G
- 23 PC-PM.L1_REQ \G
- 24 PC-PM.ROM_ADDR<8> \G
- 25 PC-PM.ROM_ADDR<7> \G
- 26 PC-PM.ROM_ADDR<6> \G
- 27 PC-PM.ROM_ADDR<5> \G
- 28 PC-PM.ROM_ADDR<4> \G
- 29 PC-PM.ROM_ADDR<3> \G
- 30 PC-PM.ROM_ADDR<2> \G
- 31 PC-PM.ROM_ADDR<1> \G
- 32 PC-PM.ROM_ADDR<0> \G

- C
- 01 NC
- 02 NC
- 03 AT-PC.WR_ZONE <2> \G
- 04 AT-PC.WR_ZONE <5> \G
- 05 CONGND \G
- 06 O AT-PC.MEM_REQ* \G
- 07 O AT-PC.PCAC_BYPASS* \G
- 08 NC
- 09 NC
- 10 NC
- 11 NC
- 12 NC
- 13 CONGND \G
- 14 NC
- 15 O PC-AT.NO_FLUSH* \G
- 16 NC
- 17 O AT-PC.DEST_EN* \G
- 18 O AT-PC.BBUF_CLR* \G
- 19 O PC-AT.B_DAU* \G
- 20 AT-PC.ENCACHE \G
- 21 CONGND \G
- 22 NC
- 23 O PC-PM.IO_TAG_HIT* \G
- 24 PC-PM.MEM_QUE_GT4 \G
- 25 PC-PM.MEM_QUE_GT2 \G
- 26 PC-PM.MEM_QUE_GT1 \G
- 27 PC-PM.MEM_QUE_EMPTY \G
- 28 PC-PM.MCU_REQ<3> \G
- 29 CONGND \G
- 30 PC-PM.MCU_REQ<2> \G
- 31 PC-PM.MCU_REQ<1> \G
- 32 PC-PM.MCU_REQ<0> \G

CONNECTOR P4

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TITLE: PCUCONS	ABBR: PCUCONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Thu Oct 11 14:12:15 1984	PAGE: PCBP.2 PCUCONS.4

1P
300-41612-396
UPCU-P5

- A
- 01 CONUCC \G
- 02 CONUCC \G
- 03 CONUCC \G
- 04 CONGND \G
- 05 CONGND \G
- 06 CONGND \G
- 07 AT-PC.PADDR A<0>\G
- 08 AT-PC.PADDR A<2>\G
- 09 CONGND \G
- 10 AT-PC.PADDR A<5>\G
- 11 AT-PC.PADDR A<7>\G
- 12 AT-PC.PADDR A<9>\G
- 13 AT-PC.PADDR A<11>\G
- 14 AT-PC.PADDR<12>\G
- 15 AT-PC.PADDR<14>\G
- 16 AT-PC.PADDR<16>\G
- 17 CONGND \G
- 18 AT-PC.PADDR<19>\G
- 19 AT-PC.PADDR<21>\G
- 20 AT-PC.PADDR<23>\G
- 21 AT-PC.PADDR<25>\G
- 22 AT-PC.PADDR<27>\G
- 23 AT-PC.PADDR<30>\G
- 24 AT-PC.PADDR B<4>\G
- 25 CONGND \G
- 26 AT-PC.PADDR B<9>\G
- 27 CONGND \G
- 28 CONGND \G
- 29 CONGND \G
- 30 CONUCC \G
- 31 CONUCC \G
- 32 CONUCC \G

- B
- 01 CONUCC \G
- 02 CONUCC \G
- 03 CONUCC \G
- 04 CONGND \G
- 05 CONGND \G
- 06 CONGND \G
- 07 SP-PC.PCU20MHZ \G
- 08 SP-PC.PCUMPHASE \G
- 09 NC
- 10 PC-SP.PCUERR* \G
- 11 SP-PC.PCUODENA* \G
- 12 SP-BP.JPDMODE* \G
- 13 SP-BP.JPSCTL <0>* \G
- 14 SP-BP.JPSCTL <1>* \G
- 15 SP-BP.JPLDRAM* \G
- 16 SP-BP.JPCLEAR* \G
- 17 SP-BP.JPMSBDOUT* \G
- 18 SP-BP.JPLSBDOUT* \G
- 19 BP-BP.JPHALT* \G
- 20 NC
- 21 AT-PC.PADDR<26>\G
- 22 AT-PC.PADDR<28>\G
- 23 AT-PC.PADDR B<2>\G
- 24 AT-PC.PADDR B<5>\G
- 25 AT-PC.PADDR B<7>\G
- 26 AT-PC.PADDR B<10>\G
- 27 CONGND \G
- 28 CONGND \G
- 29 CONGND \G
- 30 CONUCC \G
- 31 CONUCC \G
- 32 CONUCC \G

- C
- 01 CONUCC \G
- 02 CONUCC \G
- 03 CONUCC \G
- 04 CONGND \G
- 05 CONGND \G
- 06 CONGND \G
- 07 AT-PC.PADDR A<1>\G
- 08 AT-PC.PADDR A<3>\G
- 09 AT-PC.PADDR A<4>\G
- 10 AT-PC.PADDR A<6>\G
- 11 AT-PC.PADDR A<8>\G
- 12 AT-PC.PADDR A<10>\G
- 13 CONGND \G
- 14 AT-PC.PADDR<13>\G
- 15 AT-PC.PADDR<15>\G
- 16 AT-PC.PADDR<17>\G
- 17 AT-PC.PADDR<18>\G
- 18 AT-PC.PADDR<20>\G
- 19 AT-PC.PADDR<22>\G
- 20 AT-PC.PADDR<24>\G
- 21 CONGND \G
- 22 AT-PC.PADDR<29>\G
- 23 AT-PC.PADDR B<3>\G
- 24 AT-PC.PADDR B<6>\G
- 25 AT-PC.PADDR B<8>\G
- 26 AT-PC.PADDR B<11>\G
- 27 CONGND \G
- 28 CONGND \G
- 29 CONGND \G
- 30 CONUCC \G
- 31 CONUCC \G
- 32 CONUCC \G

D
C
B
A

CONNECTOR P5

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TITLE: PCUCONS	ABBR: PCUCONS
DRAWING: 411-000110-300 REV B03	ENGR: JONES
REVISED: Thu Oct 11 13:19:58 1984	PAGE: PCBP.2 PCUCONS.5

1P
300-41612-396
USPU-P1

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	BP-BP.P_DATA<56> \G
08	BP-BP.P_DATA<57> \G
09	CONGND \G
10	BP-BP.P_DATA<58> \G
11	BP-BP.P_DATA<59> \G
12	BP-BP.P_DATA<60> \G
13	BP-BP.P_DATA<61> \G
14	BP-BP.P_DATA<62> \G
15	BP-BP.P_DATA<63> \G
16	SP-BP.LINECLK \G
17	CONGND \G
18	BP-BP.P_PAR<7> \G
19	BP-BP.P_PAR<3> \G
20	BP-BP.P_PAR<6> \G
21	BP-BP.P_PAR<2> \G
22	BP-BP.P_PAR<5> \G
23	BP-BP.P_PAR<1> \G
24	BP-BP.P_PAR<4> \G
25	CONGND \G
26	BP-BP.P_PAR<0> \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

PBUS

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	J10-SP.CONTXD* \G
08	SP-J10.CONRXD* \G
09	J10-SP.CONRTS \G
10	SP-J10.CONCTS \G
11	SP-J10.CONDSR \G
12	J10-SP.CONDTR \G
13	NC
14	NC
15	NC
16	NC
17	NC
18	SP-J11.REMTXC* \G
19	J11-SP.REMRXC* \G
20	NC
21	SP-J11.REMTXD* \G
22	J11-SP.REMRXD* \G
23	SP-J11.REMRTS \G
24	J11-SP.REMCTS \G
25	J11-SP.REMDSR \G
26	SP-J11.REMDTR \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

SERIAL LINES

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	NC
10	NC
11	NC
12	NC
13	CONGND \G
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	PS-SP.PS1V5 \G
21	CONGND \G
22	PS-SP.PS3V5 \G
23	PS-SP.PS3V0P05 \G
24	PS-SP.PS3VNEG \G
25	PS-SP.PLUS12V \G
26	PS-SP.MINUS12V \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

PWR SUPPLIES

<CONNECTOR P1>

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DEFINE
X-FIRST
A-SYSTEM



CONVEX

TITLE: SPUCONS
DRAWING: 411-000110-300 REV B03
REVISED: Mon Oct 1 15:55:28 1984

ABBR: SPUCONS
ENGR: NOBLES

PAGE: PCBP.2 SPUCONS.1

300-41612-396
USPU-P2

A	PBUS
01	CONGND \G
02	BP-BP.P_DATA<16> \G
03	BP-BP.P_DATA<17> \G
04	BP-BP.P_DATA<18> \G
05	BP-BP.P_DATA<19> \G
06	BP-BP.P_DATA<20> \G
07	BP-BP.P_DATA<21> \G
08	BP-BP.P_DATA<22> \G
09	CONGND \G
10	BP-BP.P_DATA<23> \G
11	BP-BP.P_DATA<48> \G
12	BP-BP.P_DATA<49> \G
13	BP-BP.P_DATA<50> \G
14	BP-BP.P_DATA<51> \G
15	BP-BP.P_DATA<52> \G
16	BP-BP.P_DATA<53> \G
17	CONGND \G
18	BP-BP.P_DATA<54> \G
19	BP-BP.P_DATA<55> \G
20	BP-BP.P_DATA<24> \G
21	BP-BP.P_DATA<25> \G
22	BP-BP.P_DATA<26> \G
23	BP-BP.P_DATA<27> \G
24	BP-BP.P_DATA<28> \G
25	CONGND \G
26	BP-BP.P_DATA<29> \G
27	BP-BP.P_DATA<30> \G
28	BP-BP.P_DATA<31> \G
29	NC
30	NC
31	NC
32	NC

B	SERIAL #
01	BP SERIAL<15> \G
02	BP SERIAL<14> \G
03	BP SERIAL<13> \G
04	BP SERIAL<12> \G
05	BP SERIAL<11> \G
06	BP SERIAL<10> \G
07	BP SERIAL<9> \G
08	BP SERIAL<8> \G
09	BP SERIAL<7> \G
10	BP SERIAL<6> \G
11	BP SERIAL<5> \G
12	BP SERIAL<4> \G
13	BP SERIAL<3> \G
14	BP SERIAL<2> \G
15	BP SERIAL<1> \G
16	BP SERIAL<0> \G
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	SMB
01	SP-SM.ENBMARG3* \G
02	SP-SM.PS3LOW* \G
03	SP-SM.ENBMARG2* \G
04	SP-SM.PS2LOW* \G
05	CONGND \G
06	SP-SM.ENBMARG1* \G
07	SP-SM.PS1LOW* \G
08	SP-SM.ERROR \G
09	SP-SM.RUNIND* \G
10	SM-SP.REMDIAG* \G
11	SM-SP.LOCDIAG* \G
12	SM-SP.PS3EXIST* \G
13	CONGND \G
14	NC
15	NC
16	SM-SP.PWRINT \G
17	SM-SP.PWRUP* \G
18	SM-SP.PWRINTAK* \G
19	SM-SP.BATOK* \G
20	SM-SP.RESETME \G
21	CONGND \G
22	SM-SP.RESET \G
23	NC
24	NC
25	NC
26	NC
27	SM-SP.LINECLK \G
28	SM-SP.SMBSV \G
29	CONGND \G
30	SP-SM.SPUDCOK \G
31	SM-SP.SMBDCOT \G
32	SM-SP.AMBOT \G

(CONNECTOR P2)

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TITLE: SPUCONS
DRAWING: 411-000110-300 REV B03

ABBR: SPUCONS
ENGR: NOBLES

REVISED: Mon Oct 1 15:56:34 1984 | PAGE: PCBP.2 SPUCONS.2

3P
300-41612-396
USPU-P3

A	
01	CONGND \G
02	SP-MC.P_CCR<0>* \G
03	MC-SP.P_CCG<0>* \G
04	SP-MC.P_SPUR* \G
05	MC-SP.P_SPUG* \G
06	BP-BP.P_DATA<8> \G
07	BP-BP.P_DATA<9> \G
08	BP-BP.P_DATA<10> \G
09	CONGND \G
10	BP-BP.P_DATA<11> \G
11	BP-BP.P_DATA<12> \G
12	BP-BP.P_DATA<13> \G
13	BP-BP.P_DATA<14> \G
14	BP-BP.P_DATA<15> \G
15	BP-BP.P_DATA<40> \G
16	BP-BP.P_DATA<41> \G
17	CONGND \G
18	BP-BP.P_DATA<42> \G
19	BP-BP.P_DATA<43> \G
20	BP-BP.P_DATA<44> \G
21	BP-BP.P_DATA<45> \G
22	BP-BP.P_DATA<46> \G
23	BP-BP.P_DATA<47> \G
24	BP-BP.P_IBINTU<0> \G
25	CONGND \G
26	BP-BP.P_IBINTU<1> \G
27	BP-BP.P_IBINTU<2> \G
28	BP-BP.P_IBINTU<3> \G
29	BP-BP.P_IBINTU<4> \G
30	BP-BP.P_IBINTU<5> \G
31	BP-BP.P_IBINTU<6> \G
32	BP-BP.P_IBINTU<7> \G

PBUS

B	
01	NC
02	NC
03	NC
04	NC
05	NC
06	NC
07	SP-FT.SIDSEL* \G
08	NC
09	SP-FT.HLD* \G
10	FT-SP.INDEX* \G
11	FT-SP.READY* \G
12	NC
13	SP-FT.DRUSEL<0>* \G
14	SP-FT.DRUSEL<1>* \G
15	SP-FT.DRUSEL<2>* \G
16	SP-FT.DRUSEL<3>* \G
17	SP-FT.DIR* \G
18	SP-FT.STEP* \G
19	SP-FT.WD* \G
20	SP-FT.WG* \G
21	FT-SP.TR00* \G
22	FT-SP.WPRT* \G
23	FT-SP.RAWRD* \G
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

FLOPPY TAPE

C	
01	SP-BP.JPCLEAR* \G
02	SP-BP.JPMSBDOUT* \G
03	SP-BP.JPLSBDOUT* \G
04	SP-MC.MCURUN \G
05	CONGND \G
06	MC-SP.RDCOMP \G
07	MC-SP.WRTCOMP \G
08	SP-MC.PBUSEN* \G
09	SP-MC.JPPOK* \G
10	MC-SP.REFINPROG* \G
11	NC
12	NC
13	CONGND \G
14	NC
15	IP-SP.INSTCOMP \G
16	SP-IP.INHDISP* \G
17	NC
18	NC
19	NC
20	NC
21	CONGND \G
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	CONGND \G
30	NC
31	NC
32	NC

DIAGNOSTIC

(CONNECTOR P3)

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CONVEX

TITLE: SPUCONS
DRAWING: 411-000110-300 REV B03
REVISED: Wed Oct 3 15:28:16 1984

ABBR: SPUCONS
ENGR: NOBLES
PAGE: PCBP.2 SPUCONS.3

1P
300-41612-396
USPU-P4

A	
01	CONGND \G
02	BP-MC.P_CBAU* \G
03	MC-BP.P_MBAU* \G
04	BP-BP.P_DVAL* \G
05	MC-BP.P_BUSERR* \G
06	MC-BP.P_MEMERR* \G
07	MC-BP.P_HDR* \G
08	BP-MC.P_BUSLOCK* \G
09	CONGND \G
10	SP-MC.P_IBREQ* \G
11	MC-SP.P_IBGRNT* \G
12	MC-BP.P_IBINT* \G
13	BP-MC.P_IBIACK* \G
14	MC-BP.P_IBICOMP* \G
15	BP-BP.P_DATA<0> \G
16	BP-BP.P_DATA<1> \G
17	CONGND \G
18	BP-BP.P_DATA<2> \G
19	BP-BP.P_DATA<3> \G
20	BP-BP.P_DATA<4> \G
21	BP-BP.P_DATA<5> \G
22	BP-BP.P_DATA<6> \G
23	BP-BP.P_DATA<7> \G
24	BP-BP.P_DATA<32> \G
25	CONGND \G
26	BP-BP.P_DATA<33> \G
27	BP-BP.P_DATA<34> \G
28	BP-BP.P_DATA<35> \G
29	BP-BP.P_DATA<36> \G
30	BP-BP.P_DATA<37> \G
31	BP-BP.P_DATA<38> \G
32	BP-BP.P_DATA<39> \G

PBUS

B	
01	SP-SB.SASIDATA<0>* \G
02	SP-SB.SASIDATA<1>* \G
03	SP-SB.SASIDATA<2>* \G
04	SP-SB.SASIDATA<3>* \G
05	SP-SB.SASIDATA<4>* \G
06	SP-SB.SASIDATA<5>* \G
07	SP-SB.SASIDATA<6>* \G
08	SP-SB.SASIDATA<7>* \G
09	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	SB-SP.SASIBUSY* \G
19	SP-SB.SASIACK* \G
20	SP-SB.SASIRESET* \G
21	SB-SP.SASINSG* \G
22	SP-SB.SASISELECT* \G
23	SB-SP.SASICD* \G
24	SB-SP.SASIREQ* \G
25	SB-SP.SASIIO* \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	SP-AS.2MHZ \G

SASI

C	
01	SP-SP.SPU20MHZ \G
02	SP-SP.SPU20MHZIN \G ^{2P} SP-SP.SPU20MHZ \G
03	CC7-SP.CC7ERR* \G
04	SP-CC7.CC7ODENA* \G
05	CONGND \G
06	CC6-SP.CC6ERR* \G
07	SP-CC6.CC6ODENA* \G
08	CC5-SP.CC5ERR* \G
09	SP-CC5.CC5ODENA* \G
10	CC4-SP.CC4ERR* \G
11	SP-CC4.CC4ODENA* \G
12	CC3-SP.CC3ERR* \G
13	CONGND \G
14	SP-CC3.CC3ODENA* \G
15	MA7-SP.CC2ERR* \G
16	SP-MA7.CC2ODENA* \G
17	MA6-SP.CC1ERR* \G
18	SP-MA6.CC1ODENA* \G
19	SP-BP.CC0MODE* \G
20	SP-BP.CC0CTL<0>* \G
21	CONGND \G
22	SP-BP.CC0CTL<1>* \G
23	SP-BP.CCLDRAM* \G
24	SP-BP.CCCLEAR* \G
25	SP-BP.CCMSBDOUT* \G
26	SP-BP.CCLSBDOUT* \G
27	SP-BP.JPDJMODE* \G
28	SP-BP.JPSCTL<0>* \G
29	CONGND \G
30	SP-BP.JPSCTL<1>* \G
31	SP-BP.JPLDRAM* \G
32	SP-BP.MCUCLEAR* \G

DIAGNOSTIC

(CONNECTOR P4)

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TITLE: SPUCONS	ABBR: SPUCONS
DRAWING: 411-000110-300 REV B03	ENGR: NOBLES
REVISED: Wed Oct 3 13:02:40 1984	PAGE: PCBP.2 SPUCONS.4

SP
300-41612-396
USPU-P5

A	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	SP-IP. IPU20MHZ \G
08	SP-IP. IPUMPHASE \G
09	CONGND \G
10	SP-AT. ATU20MHZ \G
11	SP-AT. ATUMPHASE \G
12	SP-PC. PCU20MHZ \G
13	SP-PC. PCUMPHASE \G
14	SP-MC. MCU20MHZ \G
15	SP-MC. MCUMPHASE \G
16	SP-MC. MCUGPHASE \G
17	CONGND \G
18	SP-IP. IPUODENA* \G
19	IP-SP. IPUERR* \G
20	SP-AT. ATUODENA* \G
21	AT-SP. ATUERR* \G
22	SP-PC. PCUODENA* \G
23	PC-SP. PCUERR* \G
24	SP-MC. MCUODENA* \G
25	CONGND \G
26	MC-SP. MCUERR* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

DIAGNOSTIC

B	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	SP-CC5. CC520MHZ \G
08	SP-CC5. CC5MPHASE \G
09	SP-CC5. CC5GPHASE \G
10	SP-CC6. CC620MHZ \G
11	SP-CC6. CC6MPHASE \G
12	SP-CC6. CC6GPHASE \G
13	SP-CC7. CC720MHZ \G
14	SP-CC7. CC7MPHASE \G
15	SP-CC7. CC7GPHASE \G
16	SP-CC4. CC4GPHASE \G
17	SP-CC4. CC4MPHASE \G
18	SP-CC4. CC420MHZ \G
19	SP-CC3. CC3GPHASE \G
20	SP-CC3. CC3MPHASE \G
21	SP-CC3. CC320MHZ \G
22	SP-MA7. CC2GPHASE \G
23	SP-MA7. CC2MPHASE \G
24	SP-MA7. CC220MHZ \G
25	SP-MAS. CC1GPHASE \G
26	SP-MAS. CC1MPHASE \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

DIAGNOSTIC

C	
01	CONUCC \G
02	CONUCC \G
03	CONUCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	SP-AS. ASUMPHASE \G
08	SP-AS. ASU20MHZ \G
09	SP-VC. VCUUMPHASE \G
10	SP-VC. VCU20MHZ \G
11	SP-VP0. VPUUMPHASE \G
12	SP-VP1. VPU120MHZ \G
13	CONGND \G
14	SP-VP1. VPU1MPHASE \G
15	SP-VP0. VPU020MHZ \G
16	AS-SP. ASUERR* \G
17	SP-AS. ASUODENA* \G
18	VC-SP. VCUERR* \G
19	SP-VC. VCUODENA* \G
20	VP1-SP. VPU1ERR* \G
21	CONGND \G
22	SP-VP1. VPU1ODENA* \G
23	VP0-SP. VPU0ERR* \G
24	SP-VP0. VPU0ODENA* \G
25	MC-SP. SOFTERR* \G
26	SP-MAS. CC120MHZ \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONUCC \G
31	CONUCC \G
32	CONUCC \G

DIAGNOSTIC

(CONNECTOR P5)

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TITLE: SPUCONS	ABBR: SPUCONS
DRAWING: 411-000110-300 REV B03	ENGR: NOBLES
REVISED: Mon Oct 1 16:04:46 1984	PAGE: PCBP.2 SPUCONS.5

1P
300-41612-396
UUCU-P1

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	UC-UP. VRA0<7> \G
08	UC-UP. VRA0<4> \G
09	CONGND \G
10	UC-UP. VRA1<7> \G
11	UC-UP. VRA1<4> \G
12	UC-UP. VRA1<1> \G
13	UC-UP. OBEN<0>* \G
14	UC-UP. OBEN<1>* \G
15	AT-BP. SRC DAT<27> \G
16	AT-BP. SRC DAT<30> \G
17	CONGND \G
18	BP-AT. DST DAT<26> \G
19	BP-AT. DST DAT<29> \G
20	BP-AT. DST PAR<4> \G
21	AT-BP. SRC DAT<58> \G
22	AT-BP. SRC DAT<60> \G
23	AT-BP. SRC DAT<63> \G
24	BP-AT. DST DAT<57> \G
25	CONGND \G
26	BP-AT. DST DAT<62> \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	UC-UP. VRA0<6> \G
08	UC-UP. VRA0<3> \G
09	UC-UP. VRA0<1> \G
10	UC-UP. VRA1<6> \G
11	UC-UP. VRA1<3> \G
12	UC-UP. VRA1<0> \G
13	AT-BP. SRC DAT<24> \G
14	AT-BP. SRC DAT<25> \G
15	AT-BP. SRC DAT<28> \G
16	AT-BP. SRC DAT<31> \G
17	BP-AT. DST DAT<24> \G
18	BP-AT. DST DAT<27> \G
19	BP-AT. DST DAT<30> \G
20	AT-BP. SRC DAT<56> \G
21	AT-BP. SRC DAT<59> \G
22	AT-BP. SRC DAT<61> \G
23	AT-BP. SRC PAR<0> \G
24	BP-AT. DST DAT<58> \G
25	BP-AT. DST DAT<60> \G
26	BP-AT. DST DAT<63> \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	UC-UP. VRA0<5> \G
08	UC-UP. VRA0<2> \G
09	UC-UP. VRA0<0> \G
10	UC-UP. VRA1<5> \G
11	UC-UP. VRA1<2> \G
12	UC-UP. QOBMS \G
13	CONGND \G
14	AT-BP. SRC DAT<26> \G
15	AT-BP. SRC DAT<29> \G
16	AT-BP. SRC PAR<4> \G
17	BP-AT. DST DAT<25> \G
18	BP-AT. DST DAT<28> \G
19	BP-AT. DST DAT<31> \G
20	AT-BP. SRC DAT<57> \G
21	CONGND \G
22	AT-BP. SRC DAT<62> \G
23	BP-AT. DST DAT<56> \G
24	BP-AT. DST DAT<59> \G
25	BP-AT. DST DAT<61> \G
26	BP-AT. DST PAR<0> \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

CONNECTOR P1

DEFINE
X-FIRST
X-STEP#12

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TITLE: UUCONS	ABBR: UUCONS
DRAWING: 411-000110-300 REV B03	ENGR: LOCKHART
REVISED: Mon Oct 1 14:02:15 1984	PAGE: PCBP.2 UUCONS.1

1P
300-41612-396
UVCU-P2

- A 01 CONGND \G
- 02 AT-BP. SRC DAT<10>\G
- 03 AT-BP. SRC DAT<13>\G
- 04 AT-BP. SRC PAR<6>\G
- 05 BP-AT. DST DAT<10>\G
- 06 BP-AT. DST DAT<12>\G
- 07 BP-AT. DST DAT<15>\G
- 08 AT-BP. SRC DAT<41>\G
- 09 CONGND \G
- 10 AT-BP. SRC DAT<46>\G
- 11 BP-AT. DST DAT<40>\G
- 12 BP-AT. DST DAT<43>\G
- 13 BP-AT. DST DAT<46>\G
- 14 BP-AT. DST PAR<2>\G
- 15 UC-VP. VRA2<5> \G
- 16 UC-VP. VRA2<2> \G
- 17 CONGND \G
- 18 UC-VP. VRA3<5> \G
- 19 UC-VP. VRA3<2> \G
- 20 AT-BP. SRC DAT<16>\G
- 21 AT-BP. SRC DAT<19>\G
- 22 AT-BP. SRC DAT<21>\G
- 23 AT-BP. SRC PAR<5>\G
- 24 BP-AT. DST DAT<18>\G
- 25 CONGND \G
- 26 BP-AT. DST DAT<23>\G
- 27 AT-BP. SRC DAT<49>\G
- 28 AT-BP. SRC DAT<52>\G
- 29 AT-BP. SRC DAT<55>\G
- 30 BP-AT. DST DAT<48>\G
- 31 BP-AT. DST DAT<51>\G
- 32 BP-AT. DST DAT<54>\G

- B 01 AT-BP. SRC DAT<8>\G
- 02 AT-BP. SRC DAT<11>\G
- 03 AT-BP. SRC DAT<14>\G
- 04 BP-AT. DST DAT<8>\G
- 05 BP-AT. DST DAT<11>\G
- 06 BP-AT. DST DAT<13>\G
- 07 BP-AT. DST PAR<6>\G
- 08 AT-BP. SRC DAT<42>\G
- 09 AT-BP. SRC DAT<44>\G
- 10 AT-BP. SRC DAT<47>\G
- 11 BP-AT. DST DAT<41>\G
- 12 BP-AT. DST DAT<44>\G
- 13 BP-AT. DST DAT<47>\G
- 14 UC-VP. VRA2<7> \G
- 15 UC-VP. VRA2<4> \G
- 16 UC-VP. VRA2<1> \G
- 17 UC-VP. VRA3<7> \G
- 18 UC-VP. VRA3<4> \G
- 19 UC-VP. VRA3<1> \G
- 20 AT-BP. SRC DAT<17>\G
- 21 AT-BP. SRC DAT<20>\G
- 22 AT-BP. SRC DAT<22>\G
- 23 BP-AT. DST DAT<16>\G
- 24 BP-AT. DST DAT<19>\G
- 25 BP-AT. DST DAT<21>\G
- 26 BP-AT. DST PAR<5>\G
- 27 AT-BP. SRC DAT<50>\G
- 28 AT-BP. SRC DAT<53>\G
- 29 AT-BP. SRC PAR<1>\G
- 30 BP-AT. DST DAT<49>\G
- 31 BP-AT. DST DAT<52>\G
- 32 BP-AT. DST DAT<55>\G

- C 01 AT-BP. SRC DAT<9>\G
- 02 AT-BP. SRC DAT<12>\G
- 03 AT-BP. SRC DAT<15>\G
- 04 BP-AT. DST DAT<9>\G
- 05 CONGND \G
- 06 BP-AT. DST DAT<14>\G
- 07 AT-BP. SRC DAT<40>\G
- 08 AT-BP. SRC DAT<43>\G
- 09 AT-BP. SRC DAT<45>\G
- 10 AT-BP. SRC PAR<2>\G
- 11 BP-AT. DST DAT<42>\G
- 12 BP-AT. DST DAT<45>\G
- 13 CONGND \G
- 14 UC-VP. VRA2<6> \G
- 15 UC-VP. VRA2<3> \G
- 16 UC-VP. VRA2<0> \G
- 17 UC-VP. VRA3<6> \G
- 18 UC-VP. VRA3<3> \G
- 19 UC-VP. VRA3<0> \G
- 20 AT-BP. SRC DAT<18>\G
- 21 CONGND \G
- 22 AT-BP. SRC DAT<23>\G
- 23 BP-AT. DST DAT<17>\G
- 24 BP-AT. DST DAT<20>\G
- 25 BP-AT. DST DAT<22>\G
- 26 AT-BP. SRC DAT<48>\G
- 27 AT-BP. SRC DAT<51>\G
- 28 AT-BP. SRC DAT<54>\G
- 29 CONGND \G
- 30 BP-AT. DST DAT<50>\G
- 31 BP-AT. DST DAT<53>\G
- 32 BP-AT. DST PAR<1>\G

CONNECTOR P2

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DRAWING: 411-000110-300 REV B03	ENGR: GRUGER
REVISED: Mon Oct 1 14:03:04 1984	PAGE: PCBP.2 UVCUONS.2

1P
300-41612-396
UVCU-P3

A	
01	CONGND \G
02	AT-BP.SRC DAT<2>\G
03	AT-BP.SRC DAT<5>\G
04	AT-BP.SRC PAR<7>\G
05	BP-AT.DST DAT<2>\G
06	BP-AT.DST DAT<4>\G
07	BP-AT.DST DAT<7>\G
08	AT-BP.SRC DAT<33>\G
09	CONGND \G
10	AT-BP.SRC DAT<38>\G
11	BP-AT.DST DAT<32>\G
12	BP-AT.DST DAT<35>\G
13	BP-AT.DST DAT<38>\G
14	BP-AT.DST PAR<3>\G
15	UC-UP.VDESTS1<1> \G
16	UC-UP.VDESTS2<0> \G
17	CONGND \G
18	UC-UP.HALF SEL<1> \G
19	UC-UP.WORD SEL<2> \G
20	UC-UP.ISRC<1> \G
21	UC-UP.USRCS1<0> \G
22	UC-UP.USRCS2<0> \G
23	UC-UP.USRCS4<1> \G
24	UC-UP.MSIS<1> \G
25	CONGND \G
26	UC-UP.MOPC<5> \G
27	UC-UP.MOPC<3> \G
28	UC-UP.MOPC<0> \G
29	UC-UP.AOPC<8> \G
30	UC-UP.AOPC<6> \G
31	UC-UP.AOPC<3> \G
32	UC-UP.AOPC<0> \G

B	
01	AT-BP.SRC DAT<0>\G
02	AT-BP.SRC DAT<3>\G
03	AT-BP.SRC DAT<6>\G
04	BP-AT.DST DAT<0>\G
05	BP-AT.DST DAT<3>\G
06	BP-AT.DST DAT<5>\G
07	BP-AT.DST PAR<7>\G
08	AT-BP.SRC DAT<34>\G
09	AT-BP.SRC DAT<36>\G
10	AT-BP.SRC DAT<39>\G
11	BP-AT.DST DAT<33>\G
12	BP-AT.DST DAT<36>\G
13	BP-AT.DST DAT<39>\G
14	UC-UP.VDESTS0<1> \G
15	UC-UP.VDESTS1<0> \G
16	UC-UP.VDESTS3<1> \G
17	UC-UP.HALF SEL<3> \G
18	UC-UP.HALF SEL<0> \G
19	UC-UP.WORD SEL<1> \G
20	UC-UP.ISRC<0> \G
21	UC-UP.USRCS2<1> \G
22	UC-UP.USRCS3<1> \G
23	UC-UP.USRCS4<0> \G
24	UC-UP.MSIS<0> \G
25	UC-UP.ASIS<1> \G
26	UC-UP.MOPC<5> \G
27	UC-UP.MOPC<2> \G
28	UC-UP.AOPC<10> \G
29	UC-UP.AOPC<7> \G
30	UC-UP.AOPC<5> \G
31	UC-UP.AOPC<2> \G
32	UC-UP.MLDOP \G

C	
01	AT-BP.SRC DAT<1>\G
02	AT-BP.SRC DAT<4>\G
03	AT-BP.SRC DAT<7>\G
04	BP-AT.DST DAT<1>\G
05	CONGND \G
06	BP-AT.DST DAT<6>\G
07	AT-BP.SRC DAT<32>\G
08	AT-BP.SRC DAT<35>\G
09	AT-BP.SRC DAT<37>\G
10	AT-BP.SRC PAR<3>\G
11	BP-AT.DST DAT<34>\G
12	BP-AT.DST DAT<37>\G
13	CONGND \G
14	UC-UP.VDESTS0<0> \G
15	UC-UP.VDESTS2<1> \G
16	UC-UP.VDESTS3<0> \G
17	UC-UP.HALF SEL<2> \G
18	UC-UP.WORD SEL<3> \G
19	UC-UP.WORD SEL<0> \G
20	UC-UP.USRCS1<1> \G
21	CONGND \G
22	UC-UP.USRCS3<0> \G
23	UC-UP.MSIS<2> \G
24	UC-UP.ASIS<2> \G
25	UC-UP.ASIS<0> \G
26	UC-UP.MOPC<4> \G
27	UC-UP.MOPC<1> \G
28	UC-UP.AOPC<9> \G
29	CONGND \G
30	UC-UP.AOPC<4> \G
31	UC-UP.AOPC<1> \G
32	UC-UP.ALDOP \G

CONNECTOR P3

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DRAWING: 411-000110-300 REV B03
REVISED: Mon Oct 1 14:03:47 1984

ABBR: UVCUONS
ENGR: GRUGER

PAGE: PCBP.2 UVCUONS.3

1P

300-41612-396
UUCU-P4

A
01 CONGND \G
02 NC
03 NC
04 IP-BP. IREG<0>\G
05 IP-BP. IREG<1>\G
06 IP-BP. IREG<2>\G
07 NC
08 AT-AS. ATU IDLE*\G
09 CONGND \G
10 VC-AS. FAULT ACK*\G
11 VC-UP. MSRL<3> \G
12 VC-UP. MSRL<0> \G
13 VC-UP. ASRL<1> \G
14 VC-UP. MSROE<1> \G
15 VC-UP. ASROE<0> \G
16 VC-UP. MWAIT* \G
17 CONGND \G
18 IP-BP. OPND SIZ<1>\G
19 IP-VC. EP ADDR<2> \G
20 IP-VC. EP ADDR<5> \G
21 AS-VC. RUN SEQ*\G
22 VC-AS. SET ADZ*\G
23 VC-AS. SET FOV*\G
24 VC-AS. SET SIU*\G
25 CONGND \G
26 VC-AT. LDMEM REQ*\G
27 VC-AT. STMEM REQ*\G
28 VC-UP. JSRC<1> \G
29 NC
30 AT-VC. LDAS ACK*\G
31 VC-UP1. MSCALAR*\G
32 VC-UP0. VJ SRC SEL \G

B
01 IP-VC. DISPATCH*\G
02 IP-VC. UP PSW HAZ*\G
03 NC
04 IP-BP. JREG<0>\G
05 IP-BP. JREG<1>\G
06 IP-BP. JREG<2>\G
07 NC
08 VC-IP. UCU RDY*\G
09 VC-AS. PSW HAZ*\G
10 AT-BP. FAULT*\G
11 VC-UP. MSRL<2> \G
12 VC-UP. ASRL<3> \G
13 VC-UP. ASRL<0> \G
14 VC-UP. MSROE<0> \G
15 VC-UP. QSWAPM \G
16 VC-UP. AWAIT*\G
17 IP-BP. OPND SIZ<0>\G
18 IP-VC. EP ADDR<0> \G
19 IP-VC. EP ADDR<3> \G
20 IP-VC. EP ADDR<6> \G
21 VC-UP. ASRC SWAP \G
22 VC-AS. SET FDZ*\G
23 VC-AS. SET FUN*\G
24 VC-AS. SET AIV*\G
25 NC
26 VC-AT. LDAS REQ*\G
27 VC-UP. MSRC SWAP \G
28 VC-UP. JSRC<0> \G
29 AT-VC. LDMEM ACK*\G
30 AT-VC. LD&ST ACK*\G
31 VC-UP1. ASCALAR*\G
32 VC-UP1. VJ SRC SEL \G

C
01 NC
02 NC
03 NC
04 IP-BP. KREG<0>\G
05 CONGND \G
06 IP-BP. KREG<1>\G
07 IP-BP. KREG<2>\G
08 AS-BP. ST CONTX*\G
09 AS-BP. LD CONTX*\G
10 AS-BP. FAULT RET*\G
11 VC-UP. MSRL<1> \G
12 VC-UP. ASRL<2> \G
13 CONGND \G
14 VC-UP. ASROE<1> \G
15 VC-UP. QSWAPA \G
16 VC-UP. OUTI REG EN \G
17 VC-UP. DST BUS HOLD*\G
18 IP-VC. EP ADDR<1> \G
19 IP-VC. EP ADDR<4> \G
20 IP-VC. EP ADDR<7> \G
21 CONGND \G
22 VC-AS. SET ROP*\G
23 VC-AS. SET SDZ*\G
24 VC-AS. UNUSED*\G
25 VC-AT. LD&ST REQ*\G
26 VC-AT. STAS REQ*\G
27 VC-AS. CTRU \G
28 VC-UP. OUTJ REG EN \G
29 CONGND \G
30 AT-VC. STAS ACK*\G
31 AT-VC. STAT ACK*\G
32 AT-VC. STMEM ACK*\G

CONNECTOR P4

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CONVEX

TITLE:	UUCONS	ABBR:	UUCONS
DRAWING:	411-000110-300 REV B03	ENGR:	GRUGER
REVISED:	Wed Oct 3 14:15:39 1984	PAGE:	PCBP.2 UUCONS.4

1P
300-41612-396
UUCU-P5

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	VC-VP1.SRC GATE \G
08	VC-VP1.UW SRC SEL \G
09	CONGND \G
10	VC-VP1.MLDA \G
11	VC-VP1.ALDA \G
12	VC-VP1.VRWRITE<3>* \G
13	VC-VP1.VRWRITE<2>* \G
14	VC-VP1.VRWRITE<1>* \G
15	VC-VP1.VRWRITE<0>* \G
16	VP1-UC.DZ \G
17	CONGND \G
18	VP1-UC.CT \G
19	VP1-UC.MIU \G
20	VP1-UC.UN \G
21	VP1-UC.OU \G
22	VP1-UC.RO \G
23	VP1-UC.QMDAVAIL \G
24	VP1-UC.QADAVAIL \G
25	CONGND \G
26	VP1-UC.QBUSY* \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	SP-UC.VCU20MHZ \G
08	SP-UC.VCUMPHASE \G
09	VC-VP.HLT DIS* \G
10	VC-SP.VCUERR* \G
11	SP-UC.VCUODENA* \G
12	SP-BP.JPDMODE* \G
13	SP-BP.JPSCTL <0>* \G
14	SP-BP.JPSCTL <1>* \G
15	SP-BP.JPLDRAM* \G
16	SP-BP.JPCLEAR* \G
17	SP-BP.JPMSBDOUT* \G
18	SP-BP.JPLSBDOUT* \G
19	BP-BP.JPHALT* \G
20	VP1-UC.AIU \G
21	VP0-UC.AIU \G
22	VC-VP.MFU BYPASS \G
23	VC-VP.AFU BYPASS \G
24	VC-VP.MCTL HOLD \G
25	VC-VP.ACTL HOLD \G
26	VC-VP.SRC ACK \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	VC-VP0.SRC GATE \G
08	VC-VP0.UW SRC SEL \G
09	VC-VP0.MLDA \G
10	VC-VP0.ALDA \G
11	VC-VP0.VRWRITE<3>* \G
12	VC-VP0.VRWRITE<2>* \G
13	CONGND \G
14	VC-VP0.VRWRITE<1>* \G
15	VC-VP0.VRWRITE<0>* \G
16	VP0-UC.DZ \G
17	VP0-UC.CT \G
18	VP0-UC.MIU \G
19	VP0-UC.UN \G
20	VP0-UC.OU \G
21	CONGND \G
22	VP0-UC.RO \G
23	VP0-UC.QMDAVAIL \G
24	VP0-UC.QADAVAIL \G
25	VP0-UC.QBUSY* \G
26	NC
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

CONNECTOR P5

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REVISED: Wed Oct 3 11:37:39 1984	PAGE: PCBP.2 UCUCONS.5

1P
300-41612-396
UUPU0-P1

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	UC-UP. URA0<7> \G
08	UC-UP. URA0<4> \G
09	CONGND \G
10	UC-UP. URA1<7> \G
11	UC-UP. URA1<4> \G
12	UC-UP. URA1<1> \G
13	UC-UP. OBEN<0>* \G
14	UC-UP. OBEN<1>* \G
15	NC
16	NC
17	CONGND \G
18	AT-BP. SRC DAT<26> \G
19	AT-BP. SRC DAT<29> \G
20	AT-BP. SRC PAR<4> \G
21	BP-AT. DST DAT<58> \G
22	BP-AT. DST DAT<60> \G
23	BP-AT. DST DAT<63> \G
24	AT-BP. SRC DAT<57> \G
25	CONGND \G
26	AT-BP. SRC DAT<62> \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	UC-UP. URA0<6> \G
08	UC-UP. URA0<3> \G
09	UC-UP. URA0<1> \G
10	UC-UP. URA1<6> \G
11	UC-UP. URA1<3> \G
12	UC-UP. URA1<0> \G
13	NC
14	NC
15	NC
16	NC
17	AT-BP. SRC DAT<24> \G
18	AT-BP. SRC DAT<27> \G
19	AT-BP. SRC DAT<30> \G
20	BP-AT. DST DAT<56> \G
21	BP-AT. DST DAT<59> \G
22	BP-AT. DST DAT<61> \G
23	BP-AT. DST PAR<0> \G
24	AT-BP. SRC DAT<58> \G
25	AT-BP. SRC DAT<60> \G
26	AT-BP. SRC DAT<63> \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	UC-UP. URA0<5> \G
08	UC-UP. URA0<2> \G
09	UC-UP. URA0<0> \G
10	UC-UP. URA1<5> \G
11	UC-UP. URA1<2> \G
12	UC-UP. OOBMS \G
13	CONGND \G
14	NC
15	NC
16	NC
17	AT-BP. SRC DAT<25> \G
18	AT-BP. SRC DAT<28> \G
19	AT-BP. SRC DAT<31> \G
20	BP-AT. DST DAT<57> \G
21	CONGND \G
22	BP-AT. DST DAT<62> \G
23	AT-BP. SRC DAT<56> \G
24	AT-BP. SRC DAT<59> \G
25	AT-BP. SRC DAT<61> \G
26	AT-BP. SRC PAR<0> \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

DEFINE
X_FIRST=0
X_STEP=SIZE

CONNECTOR P1

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CONVEX

TITLE: UPU0CONS
DRAWING: 411-000110-300 REV B03

ABBR: UPU0CONS
ENGR: GRUGER

REVISED: Mon Oct 1 13:49:22 1984 PAGE: PCBP. 2 UPU0CONS. 1

B

7

6

3

2

1

1P
300-41612-396
UVP00-P2

A	
01	CONGND \G
02	AT-BP. SRC DAT<18>\G
03	AT-BP. SRC DAT<21>\G
04	AT-BP. SRC PAR<5>\G
05	BP-AT. DST DAT<50>\G
06	BP-AT. DST DAT<52>\G
07	BP-AT. DST DAT<55>\G
08	AT-BP. SRC DAT<49>\G
09	CONGND \G
10	AT-BP. SRC DAT<54>\G
11	NC
12	NC
13	NC
14	NC
15	UC-UP. URA2<5> \G
16	UC-UP. URA2<2> \G
17	CONGND \G
18	UC-UP. URA3<5> \G
19	UC-UP. URA3<2> \G
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	AT-BP. SRC DAT<16>\G
02	AT-BP. SRC DAT<19>\G
03	AT-BP. SRC DAT<22>\G
04	BP-AT. DST DAT<48>\G
05	BP-AT. DST DAT<51>\G
06	BP-AT. DST DAT<53>\G
07	BP-AT. DST PAR<1>\G
08	AT-BP. SRC DAT<50>\G
09	AT-BP. SRC DAT<52>\G
10	AT-BP. SRC DAT<55>\G
11	NC
12	NC
13	NC
14	UC-UP. URA2<7> \G
15	UC-UP. URA2<4> \G
16	UC-UP. URA2<1> \G
17	UC-UP. URA3<7> \G
18	UC-UP. URA3<4> \G
19	UC-UP. URA3<1> \G
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	AT-BP. SRC DAT<17>\G
02	AT-BP. SRC DAT<20>\G
03	AT-BP. SRC DAT<23>\G
04	BP-AT. DST DAT<49>\G
05	CONGND \G
06	BP-AT. DST DAT<54>\G
07	AT-BP. SRC DAT<48>\G
08	AT-BP. SRC DAT<51>\G
09	AT-BP. SRC DAT<53>\G
10	AT-BP. SRC PAR<1>\G
11	NC
12	NC
13	CONGND \G
14	UC-UP. URA2<6> \G
15	UC-UP. URA2<3> \G
16	UC-UP. URA2<0> \G
17	UC-UP. URA3<6> \G
18	UC-UP. URA3<3> \G
19	UC-UP. URA3<0> \G
20	NC
21	CONGND \G
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	CONGND \G
30	NC
31	NC
32	NC

CONNECTOR P2

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CONVEX

TITLE: UPU0CONS
DRAWING: 411-000110-300 REV B03
REVISED: Mon Oct 1 13:51:15 1984

ABBR: UPU0CONS
ENGR: GRUGER
PAGE: PCBP.2 UPU0CONS.2

IP
300-41612-396
UVP00-P3

A	
01	CONGND \G
02	AT-BP. SRC DAT<10>\G
03	AT-BP. SRC DAT<13>\G
04	AT-BP. SRC PAR<6>\G
05	BP-AT. DST DAT<42>\G
06	BP-AT. DST DAT<44>\G
07	BP-AT. DST DAT<47>\G
08	AT-BP. SRC DAT<41>\G
09	CONGND \G
10	AT-BP. SRC DAT<46>\G
11	NC
12	NC
13	NC
14	NC
15	VC-UP. VDESTS1<1> \G
16	VC-UP. VDESTS2<0> \G
17	CONGND \G
18	VC-UP. HALF SEL<1> \G
19	VC-UP. WORD SEL<2> \G
20	VC-UP. ISRC<1> \G
21	VC-UP. USRCS1<0> \G
22	VC-UP. USRCS2<0> \G
23	VC-UP. USRCS4<1> \G
24	VC-UP. MSIS<1> \G
25	CONGND \G
26	VC-UP. MOPC<6> \G
27	VC-UP. MOPC<3> \G
28	VC-UP. MOPC<0> \G
29	VC-UP. AOPC<8> \G
30	VC-UP. AOPC<6> \G
31	VC-UP. AOPC<3> \G
32	VC-UP. AOPC<0> \G

B	
01	AT-BP. SRC DAT<8>\G
02	AT-BP. SRC DAT<11>\G
03	AT-BP. SRC DAT<14>\G
04	BP-AT. DST DAT<40>\G
05	BP-AT. DST DAT<43>\G
06	BP-AT. DST DAT<45>\G
07	BP-AT. DST PAR<2>\G
08	AT-BP. SRC DAT<42>\G
09	AT-BP. SRC DAT<44>\G
10	AT-BP. SRC DAT<47>\G
11	NC
12	NC
13	NC
14	VC-UP. VDESTS0<1> \G
15	VC-UP. VDESTS1<0> \G
16	VC-UP. VDESTS3<1> \G
17	VC-UP. HALF SEL<3> \G
18	VC-UP. HALF SEL<0> \G
19	VC-UP. WORD SEL<1> \G
20	VC-UP. ISRC<0> \G
21	VC-UP. USRCS2<1> \G
22	VC-UP. USRCS3<1> \G
23	VC-UP. USRCS4<0> \G
24	VC-UP. MSIS<0> \G
25	VC-UP. ASIS<1> \G
26	VC-UP. MOPC<5> \G
27	VC-UP. MOPC<2> \G
28	VC-UP. AOPC<10> \G
29	VC-UP. AOPC<7> \G
30	VC-UP. AOPC<5> \G
31	VC-UP. AOPC<2> \G
32	VC-UP. MLDOP \G

C	
01	AT-BP. SRC DAT<9>\G
02	AT-BP. SRC DAT<12>\G
03	AT-BP. SRC DAT<15>\G
04	BP-AT. DST DAT<41>\G
05	CONGND \G
06	BP-AT. DST DAT<46>\G
07	AT-BP. SRC DAT<40>\G
08	AT-BP. SRC DAT<43>\G
09	AT-BP. SRC DAT<45>\G
10	AT-BP. SRC PAR<2>\G
11	NC
12	NC
13	CONGND \G
14	VC-UP. VDESTS0<0> \G
15	VC-UP. VDESTS2<1> \G
16	VC-UP. VDESTS3<0> \G
17	VC-UP. HALF SEL<2> \G
18	VC-UP. WORD SEL<3> \G
19	VC-UP. WORD SEL<0> \G
20	VC-UP. USRCS1<1> \G
21	CONGND \G
22	VC-UP. USRCS3<0> \G
23	VC-UP. MSIS<2> \G
24	VC-UP. ASIS<2> \G
25	VC-UP. ASIS<0> \G
26	VC-UP. MOPC<4> \G
27	VC-UP. MOPC<1> \G
28	VC-UP. AOPC<9> \G
29	CONGND \G
30	VC-UP. AOPC<4> \G
31	VC-UP. AOPC<1> \G
32	VC-UP. ALDOP \G

CONNECTOR P3

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CONVEX

TITLE: UVP00CONS	ABBR: UVP00CONS
DRAWING: 411-000110-300 REV B03	ENGR: GRUGER
REVISED: Mon Oct 1 13:53:52 1984	PAGE: PCB.P.2 UVP00CONS.3

1P
300-41612-396
UUPU0-P4

A
01 CONGND \G
02 AT-BP. SRC DAT<2>\G
03 AT-BP. SRC DAT<5>\G
04 AT-BP. SRC PAR<7>\G
05 BP-AT. DST DAT<34>\G
06 BP-AT. DST DAT<36>\G
07 BP-AT. DST DAT<39>\G
08 AT-BP. SRC DAT<33>\G
09 CONGND \G
10 AT-BP. SRC DAT<38>\G
11 UC-VP. MSRL<3> \G
12 UC-VP. MSRL<0> \G
13 UC-VP. ASRL<1> \G
14 UC-VP. MSROE<1> \G
15 UC-VP. ASROE<0> \G
16 O UC-VP. MWAIT* \G
17 CONGND \G
18 NC
19 NC
20 NC
21 NC
22 NC
23 NC
24 NC
25 CONGND \G
26 NC
27 NC
28 UC-VP. JSRC<1> \G
29 NC
30 NC
31 O UC-VP. MSCALAR* \G
32 UC-VP. VJ SRC SEL \G

B
01 AT-BP. SRC DAT<0>\G
02 AT-BP. SRC DAT<3>\G
03 AT-BP. SRC DAT<6>\G
04 BP-AT. DST DAT<32>\G
05 BP-AT. DST DAT<35>\G
06 BP-AT. DST DAT<37>\G
07 BP-AT. DST PAR<3>\G
08 AT-BP. SRC DAT<34>\G
09 AT-BP. SRC DAT<36>\G
10 AT-BP. SRC DAT<39>\G
11 UC-VP. MSRL<2> \G
12 UC-VP. ASRL<3> \G
13 UC-VP. ASRL<0> \G
14 UC-VP. MSROE<0> \G
15 UC-VP. QSWAPM \G
16 O UC-VP. AWAIT* \G
17 NC
18 NC
19 NC
20 NC
21 UC-VP. ASRC SWAP \G
22 NC
23 NC
24 NC
25 NC
26 NC
27 UC-VP. MSRC SWAP \G
28 UC-VP. JSRC<0> \G
29 NC
30 NC
31 O UC-VP. ASCALAR* \G
32 NC

C
01 AT-BP. SRC DAT<1>\G
02 AT-BP. SRC DAT<4>\G
03 AT-BP. SRC DAT<7>\G
04 BP-AT. DST DAT<33>\G
05 CONGND \G
06 BP-AT. DST DAT<38>\G
07 AT-BP. SRC DAT<32>\G
08 AT-BP. SRC DAT<35>\G
09 AT-BP. SRC DAT<37>\G
10 AT-BP. SRC PAR<3>\G
11 UC-VP. MSRL<1> \G
12 UC-VP. ASRL<2> \G
13 CONGND \G
14 UC-VP. ASROE<1> \G
15 UC-VP. QSWAPA \G
16 UC-VP. OUTI REG EN \G
17 O UC-VP. DST BUS HOLD* \G
18 NC
19 NC
20 NC
21 CONGND \G
22 NC
23 NC
24 NC
25 NC
26 NC
27 NC
28 UC-VP. OUTJ REG EN \G
29 CONGND \G
30 NC
31 NC
32 NC

CONNECTOR P4

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CONVEX

TITLE: UPU0CONS
DRAWING: 411-000110-300 REV B03

ABBR: UPU0CONS
ENGR: GRUGER

REVISED: Tue Oct 9 16:31:15 1984 | PAGE: PCB.P.2 UPU0CONS.4

1P
 300-41612-396
 UVP0-P5

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	SP-VP0, VPU020MHZ \G
08	SP-VP0, VPU0MPHASE \G
09	VC-UP, HLT DIS* \G
10	VP0-SP, VPU0ERR* \G
11	SP-VP0, VPU0ODENA* \G
12	SP-BP, JPDMODE* \G
13	SP-BP, JPSCTL <0>* \G
14	SP-BP, JPSCTL <1>* \G
15	SP-BP, JPLDRAM* \G
16	SP-BP, JPCLEAR* \G
17	SP-BP, JPM5BDOUT* \G
18	SP-BP, JPL5BDOUT* \G
19	BP-BP, JPHALT* \G
20	NC
21	VP0-VC, AI \G
22	VC-UP, MFU BYPASS \G
23	VC-UP, AFU BYPASS \G
24	VC-UP, MCTL HOLD \G
25	VC-UP, ACTL HOLD \G
26	VC-UP, SRC ACK \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	VC-VP0, SRC GATE \G
08	VC-VP0, LW SRC SEL \G
09	VC-VP0, MLDA \G
10	VC-VP0, ALDA \G
11	VC-VP0, VRWRITE<3>* \G
12	VC-VP0, VRWRITE<2>* \G
13	CONGND \G
14	VC-VP0, VRWRITE<1>* \G
15	VC-VP0, VRWRITE<0>* \G
16	VP0-VC, DZ \G
17	VP0-VC, CT \G
18	VP0-VC, MIU \G
19	VP0-VC, UN \G
20	VP0-VC, OU \G
21	CONGND \G
22	VP0-VC, RO \G
23	VP0-VC, GMDAVAIL \G
24	VP0-VC, QADAVAIL \G
25	VP0-VC, QBUSY* \G
26	NC
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

CONNECTOR P5

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CONVEX

TITLE: UVP0CONS	ABBR: UVP0CONS
DRAWING: 411-000110-300 REV B03	ENGR: GRUGER
REVISED: Wed Oct 3 14:07:00 1984	PAGE: PCBP.2 UVP0CONS.5

1P
300-41612-396
UVPUI-P1

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	VC-UP, VRA0<7> \G
08	VC-UP, VRA0<4> \G
09	CONGND \G
10	VC-UP, VRA1<7> \G
11	VC-UP, VRA1<4> \G
12	VC-UP, VRA1<1> \G
13	VC-UP, OBEN<0>* \G
14	VC-UP, OBEN<1>* \G
15	NC
16	NC
17	CONGND \G
18	AT-BP, SRC DAT<26>\G
19	AT-BP, SRC DAT<29>\G
20	AT-BP, SRC PAR<4>\G
21	BP-AT, DST DAT<26>\G
22	BP-AT, DST DAT<28>\G
23	BP-AT, DST DAT<31>\G
24	AT-BP, SRC DAT<57>\G
25	CONGND \G
26	AT-BP, SRC DAT<62>\G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	VC-UP, VRA0<6> \G
08	VC-UP, VRA0<3> \G
09	VC-UP, VRA0<1> \G
10	VC-UP, VRA1<6> \G
11	VC-UP, VRA1<3> \G
12	VC-UP, VRA1<0> \G
13	NC
14	NC
15	NC
16	NC
17	AT-BP, SRC DAT<24>\G
18	AT-BP, SRC DAT<27>\G
19	AT-BP, SRC DAT<30>\G
20	BP-AT, DST DAT<24>\G
21	BP-AT, DST DAT<27>\G
22	BP-AT, DST DAT<29>\G
23	BP-AT, DST PAR<4>\G
24	AT-BP, SRC DAT<58>\G
25	AT-BP, SRC DAT<60>\G
26	AT-BP, SRC DAT<63>\G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	VC-UP, VRA0<5> \G
08	VC-UP, VRA0<2> \G
09	VC-UP, VRA0<0> \G
10	VC-UP, VRA1<5> \G
11	VC-UP, VRA1<2> \G
12	VC-UP, 00BMS \G
13	CONGND \G
14	NC
15	NC
16	NC
17	AT-BP, SRC DAT<25>\G
18	AT-BP, SRC DAT<28>\G
19	AT-BP, SRC DAT<31>\G
20	BP-AT, DST DAT<25>\G
21	CONGND \G
22	BP-AT, DST DAT<30>\G
23	AT-BP, SRC DAT<56>\G
24	AT-BP, SRC DAT<59>\G
25	AT-BP, SRC DAT<61>\G
26	AT-BP, SRC PAR<0>\G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

DEFINE
X_FIRST=0
X_STEP=SIZE

CONNECTOR P1

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TITLE: UVPUICONS	ABBR: UVPUICONS
DRAWING: 411-000110-300 REV B03	ENGR: GRUGER
REVISED: Mon Oct 1 13:56:39 1984	PAGE: PCBP.2 UVPUICONS.1

1P

300-41612-396

UVPUI-P2

A	
01	CONGND \G
02	AT-BP. SRC DAT<18>\G
03	AT-BP. SRC DAT<21>\G
04	AT-BP. SRC PAR<5>\G
05	BP-AT. DST DAT<18>\G
06	BP-AT. DST DAT<20>\G
07	BP-AT. DST DAT<23>\G
08	AT-BP. SRC DAT<49>\G
09	CONGND \G
10	AT-BP. SRC DAT<54>\G
11	NC
12	NC
13	NC
14	NC
15	VC-UP. VRA2<5> \G
16	VC-UP. VRA2<2> \G
17	CONGND \G
18	VC-UP. VRA3<5> \G
19	VC-UP. VRA3<2> \G
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

B	
01	AT-BP. SRC DAT<16>\G
02	AT-BP. SRC DAT<19>\G
03	AT-BP. SRC DAT<22>\G
04	BP-AT. DST DAT<16>\G
05	BP-AT. DST DAT<19>\G
06	BP-AT. DST DAT<21>\G
07	BP-AT. DST PAR<5>\G
08	AT-BP. SRC DAT<50>\G
09	AT-BP. SRC DAT<52>\G
10	AT-BP. SRC DAT<55>\G
11	NC
12	NC
13	NC
14	VC-UP. VRA2<7> \G
15	VC-UP. VRA2<4> \G
16	VC-UP. VRA2<1> \G
17	VC-UP. VRA3<7> \G
18	VC-UP. VRA3<4> \G
19	VC-UP. VRA3<1> \G
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC

C	
01	AT-BP. SRC DAT<17>\G
02	AT-BP. SRC DAT<20>\G
03	AT-BP. SRC DAT<23>\G
04	BP-AT. DST DAT<17>\G
05	CONGND \G
06	BP-AT. DST DAT<22>\G
07	AT-BP. SRC DAT<48>\G
08	AT-BP. SRC DAT<51>\G
09	AT-BP. SRC DAT<53>\G
10	AT-BP. SRC PAR<1>\G
11	NC
12	NC
13	CONGND \G
14	VC-UP. VRA2<6> \G
15	VC-UP. VRA2<3> \G
16	VC-UP. VRA2<0> \G
17	VC-UP. VRA3<6> \G
18	VC-UP. VRA3<3> \G
19	VC-UP. VRA3<0> \G
20	NC
21	CONGND \G
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	CONGND \G
30	NC
31	NC
32	NC

CONNECTOR P2

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CONVEX

TITLE: UVPUICONS
DRAWING: 411-000110-300 REV B03

ABBR: UVPUICONS
ENGR: GRUGER

REVISED: Mon Oct 1 13:57:29 1984

PAGE:

PCBP. 2 UVPUICONS. 2

1P
300-41612-396
UVPUI-P3

A	CONGND \G
01	AT-BP. SRC DAT<10>\G
02	AT-BP. SRC DAT<13>\G
03	AT-BP. SRC PAR<6>\G
04	BP-AT. DST DAT<10>\G
05	BP-AT. DST DAT<12>\G
06	BP-AT. DST DAT<15>\G
07	AT-BP. SRC DAT<41>\G
08	CONGND \G
09	AT-BP. SRC DAT<46>\G
10	NC
11	NC
12	NC
13	NC
14	UC-UP. VDESTS1<1> \G
15	UC-UP. VDESTS2<0> \G
16	CONGND \G
17	UC-UP. HALF SEL<1> \G
18	UC-UP. WORD SEL<2> \G
19	UC-UP. ISRC<1> \G
20	UC-UP. VSRC1<0> \G
21	UC-UP. VSRC2<0> \G
22	UC-UP. VSRC4<1> \G
23	UC-UP. MSIS<1> \G
24	CONGND \G
25	UC-UP. MOPC<6> \G
26	UC-UP. MOPC<3> \G
27	UC-UP. MOPC<0> \G
28	UC-UP. AOPC<8> \G
29	UC-UP. AOPC<6> \G
30	UC-UP. AOPC<3> \G
31	UC-UP. AOPC<0> \G
32	

B	AT-BP. SRC DAT<8>\G
01	AT-BP. SRC DAT<11>\G
02	AT-BP. SRC DAT<14>\G
03	BP-AT. DST DAT<8>\G
04	BP-AT. DST DAT<11>\G
05	BP-AT. DST DAT<13>\G
06	BP-AT. DST PAR<6>\G
07	AT-BP. SRC DAT<42>\G
08	AT-BP. SRC DAT<44>\G
09	AT-BP. SRC DAT<47>\G
10	NC
11	NC
12	NC
13	NC
14	UC-UP. VDESTS0<1> \G
15	UC-UP. VDESTS1<0> \G
16	UC-UP. VDESTS3<1> \G
17	UC-UP. HALF SEL<3> \G
18	UC-UP. HALF SEL<0> \G
19	UC-UP. WORD SEL<1> \G
20	UC-UP. ISRC<0> \G
21	UC-UP. VSRC2<1> \G
22	UC-UP. VSRC3<1> \G
23	UC-UP. VSRC4<0> \G
24	UC-UP. MSIS<0> \G
25	UC-UP. ASIS<1> \G
26	UC-UP. MOPC<5> \G
27	UC-UP. MOPC<2> \G
28	UC-UP. AOPC<10> \G
29	UC-UP. AOPC<7> \G
30	UC-UP. AOPC<5> \G
31	UC-UP. AOPC<2> \G
32	UC-UP. MLDOP \G

C	AT-BP. SRC DAT<9>\G
01	AT-BP. SRC DAT<12>\G
02	AT-BP. SRC DAT<15>\G
03	BP-AT. DST DAT<9>\G
04	CONGND \G
05	BP-AT. DST DAT<14>\G
06	AT-BP. SRC DAT<40>\G
07	AT-BP. SRC DAT<43>\G
08	AT-BP. SRC DAT<45>\G
09	AT-BP. SRC PAR<2>\G
10	NC
11	NC
12	NC
13	CONGND \G
14	UC-UP. VDESTS0<0> \G
15	UC-UP. VDESTS2<1> \G
16	UC-UP. VDESTS3<0> \G
17	UC-UP. HALF SEL<2> \G
18	UC-UP. WORD SEL<3> \G
19	UC-UP. WORD SEL<0> \G
20	UC-UP. VSRC1<1> \G
21	CONGND \G
22	UC-UP. VSRC3<0> \G
23	UC-UP. MSIS<2> \G
24	UC-UP. ASIS<2> \G
25	UC-UP. ASIS<0> \G
26	UC-UP. MOPC<4> \G
27	UC-UP. MOPC<1> \G
28	UC-UP. AOPC<9> \G
29	CONGND \G
30	UC-UP. AOPC<4> \G
31	UC-UP. AOPC<1> \G
32	UC-UP. ALDOP \G

CONNECTOR P3

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TITLE:	UVPUICONS	ABBR:	UVPUICONS
DRAWING:	411-000110-300 REV B03	ENGR:	GRUGER
REVISED:	Mon Oct 1 13:58:51 1984	PAGE:	PCBP. 2 UVPUICONS. 3

1P
300-41612-306
UVPUL-P4

A	
01	CONGND \G
02	AT-BP.SRC DAT<2>\G
03	AT-BP.SRC DAT<5>\G
04	AT-BP.SRC PAR<7>\G
05	BP-AT.DST DAT<2>\G
06	BP-AT.DST DAT<4>\G
07	BP-AT.DST DAT<7>\G
08	AT-BP.SRC DAT<33>\G
09	CONGND \G
10	AT-BP.SRC DAT<38>\G
11	UC-UP.MSRL<3> \G
12	UC-UP.MSRL<0> \G
13	UC-UP.ASRL<1> \G
14	UC-UP.MSROE<1> \G
15	UC-UP.ASROE<0> \G
16	UC-UP.MWAIT* \G
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	NC
28	UC-UP.JSRL<1> \G
29	NC
30	NC
31	UC-UP1.MSCALAR* \G
32	UC-UP1.UJ SRC SEL \G

B	
01	AT-BP.SRC DAT<0>\G
02	AT-BP.SRC DAT<3>\G
03	AT-BP.SRC DAT<6>\G
04	BP-AT.DST DAT<0>\G
05	BP-AT.DST DAT<3>\G
06	BP-AT.DST DAT<5>\G
07	BP-AT.DST PAR<7>\G
08	AT-BP.SRC DAT<34>\G
09	AT-BP.SRC DAT<36>\G
10	AT-BP.SRC DAT<39>\G
11	UC-UP.MSRL<2> \G
12	UC-UP.ASRL<3> \G
13	UC-UP.ASRL<0> \G
14	UC-UP.MSROE<0> \G
15	UC-UP.OSWAPM \G
16	UC-UP.AWAIT* \G
17	NC
18	NC
19	NC
20	NC
21	UC-UP.ASRL SWAP \G
22	NC
23	NC
24	NC
25	NC
26	NC
27	UC-UP.MSRL SWAP \G
28	UC-UP.JSRL<0> \G
29	NC
30	NC
31	UC-UP1.ASCALAR* \G
32	NC

C	
01	AT-BP.SRC DAT<1>\G
02	AT-BP.SRC DAT<4>\G
03	AT-BP.SRC DAT<7>\G
04	BP-AT.DST DAT<1>\G
05	CONGND \G
06	BP-AT.DST DAT<6>\G
07	AT-BP.SRC DAT<32>\G
08	AT-BP.SRC DAT<35>\G
09	AT-BP.SRC DAT<37>\G
10	AT-BP.SRC PAR<3>\G
11	UC-UP.MSRL<1> \G
12	UC-UP.ASRL<2> \G
13	CONGND \G
14	UC-UP.ASROE<1> \G
15	UC-UP.OSWAPA \G
16	UC-UP.OUTI REG EN \G
17	UC-UP.DST BUS HOLD* \G
18	NC
19	NC
20	NC
21	CONGND \G
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	UC-UP.OUTJ REG EN \G
29	CONGND \G
30	NC
31	NC
32	NC

D
C
B
A

CONNECTOR P4

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TITLE: UVPULCONS	ABBR: UVPULCONS
DRAWING: 411-000110-300 REV B03	ENGR: GRUGER
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1P
300-41612-396
UUPU1-P5

A	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	NC
08	NC
09	CONGND \G
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	CONGND \G
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	CONGND \G
26	NC
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

B	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	SP-VP1.VPU120MHZ \G
08	SP-VP1.VPU1MPHASE \G
09	VC-VP1.HLT DIS* \G
10	VP1-SP.VPU1ERR* \G
11	SP-VP1.VPU10DENA* \G
12	SP-BP.JPDMODE* \G
13	SP-BP.JPSCTL <0>* \G
14	SP-BP.JPSCTL <1>* \G
15	SP-BP.JPLDRAM* \G
16	SP-BP.JPCLEAR* \G
17	SP-BP.JPMSBDOUT* \G
18	SP-BP.JPLSBDOUT* \G
19	BP-BP.JPHALT* \G
20	NC
21	VP1-VC.AIU \G
22	VC-VP.MFU BYPASS \G
23	VC-VP.AFU BYPASS \G
24	VC-VP.MCTL HOLD \G
25	VC-VP.ACTL HOLD \G
26	VC-VP.SRC ACK \G
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

C	
01	CONVCC \G
02	CONVCC \G
03	CONVCC \G
04	CONGND \G
05	CONGND \G
06	CONGND \G
07	VC-VP1.SRC GATE \G
08	VC-VP1.UW SRC SEL \G
09	VC-VP1.MLDA \G
10	VC-VP1.ALDA \G
11	VC-VP1.VRWRITE<3>* \G
12	VC-VP1.VRWRITE<2>* \G
13	CONGND \G
14	VC-VP1.VRWRITE<1>* \G
15	VC-VP1.VRWRITE<0>* \G
16	VP1-VC.DZ \G
17	VP1-VC.CT \G
18	VP1-VC.MIV \G
19	VP1-VC.UN \G
20	VP1-VC.OV \G
21	CONGND \G
22	VP1-VC.R0 \G
23	VP1-VC.QMDAVAIL \G
24	VP1-VC.QADAVAIL \G
25	VP1-VC.QBUSY* \G
26	NC
27	CONGND \G
28	CONGND \G
29	CONGND \G
30	CONVCC \G
31	CONVCC \G
32	CONVCC \G

CONNECTOR P5

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TITLE: UPU1CONS	ABBR: UPU1CONS
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REVISED: Wed Oct 3 14:07:59 1984	PAGE: PCBP.2 UPU1CONS.5