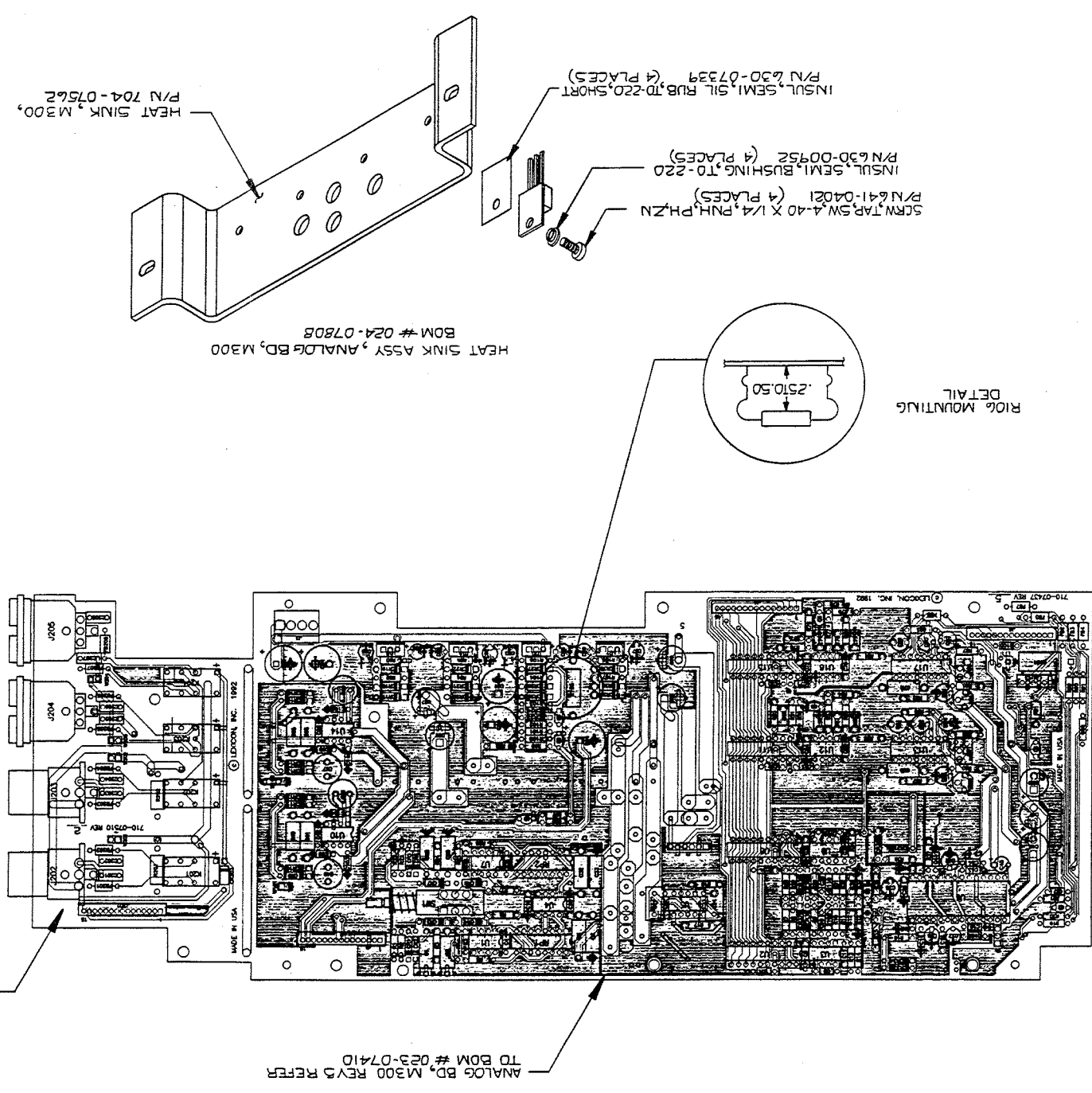


APPLICATION		DO NO SCALE DRAWING	
NEXT ASSY.	USED ON	FINISH	
710-07510			
710-07437		MATERIAL	
APPROVALS		DATE	
DRAWN		DATE	
CHECKED		DATE	
DESIGNED		DATE	
ISSUED		DATE	
SCALE 1:1		SHEET 1 OF 1	
PC BD, ANALOG, M300		ASSEMBLY DRAWING	
CONTRACT NO.		LEXICON	



NOTES

1. REFER TO LEXICON BOM NO. 023-07807
2. ALL COMPONENTS TO BE INSTALLED FROM COMPONENT SIDE
OF PCB EXCEPT SWAGED STANDOFFS UNLESS OTHERWISE
INDICATED.
3. MASKING FOR POST-SOLDER ASSEMBLY IS INDICATED BY
SOLID AREAS
4. COMPONENT HEIGHT 2.00" MAXIMUM.
5. LEAD PROTRUSIONS .080" MAXIMUM FROM CIRCUIT SIDE
OF PCB.
6. SOCKET IC POSITIONS: U6, U13, U17, U2, U8, U11, & U15.

REV	DESCRIPTION	DATE	BY
0	RELEASE FOR PRODUCTION	10/17/89	JV
1	REVISE PER ECO 900515-00-A	10/19/90	JV
2	ADDED R106 MOUNTING DETAIL	3/22/91	JV
3	REVISED FOR O/P DAUGHTER BOARD, RETRO FIT PER ECO 910410-02.	5/22/91	JV
4	REVISED FOR REV 4 WORK.	11/19/91	JV
5	REVISED FOR REV 5 WORK.	3/30/92	JV
6	PER ECO 91125-00-A	4/12/92	JV

REVISIONS

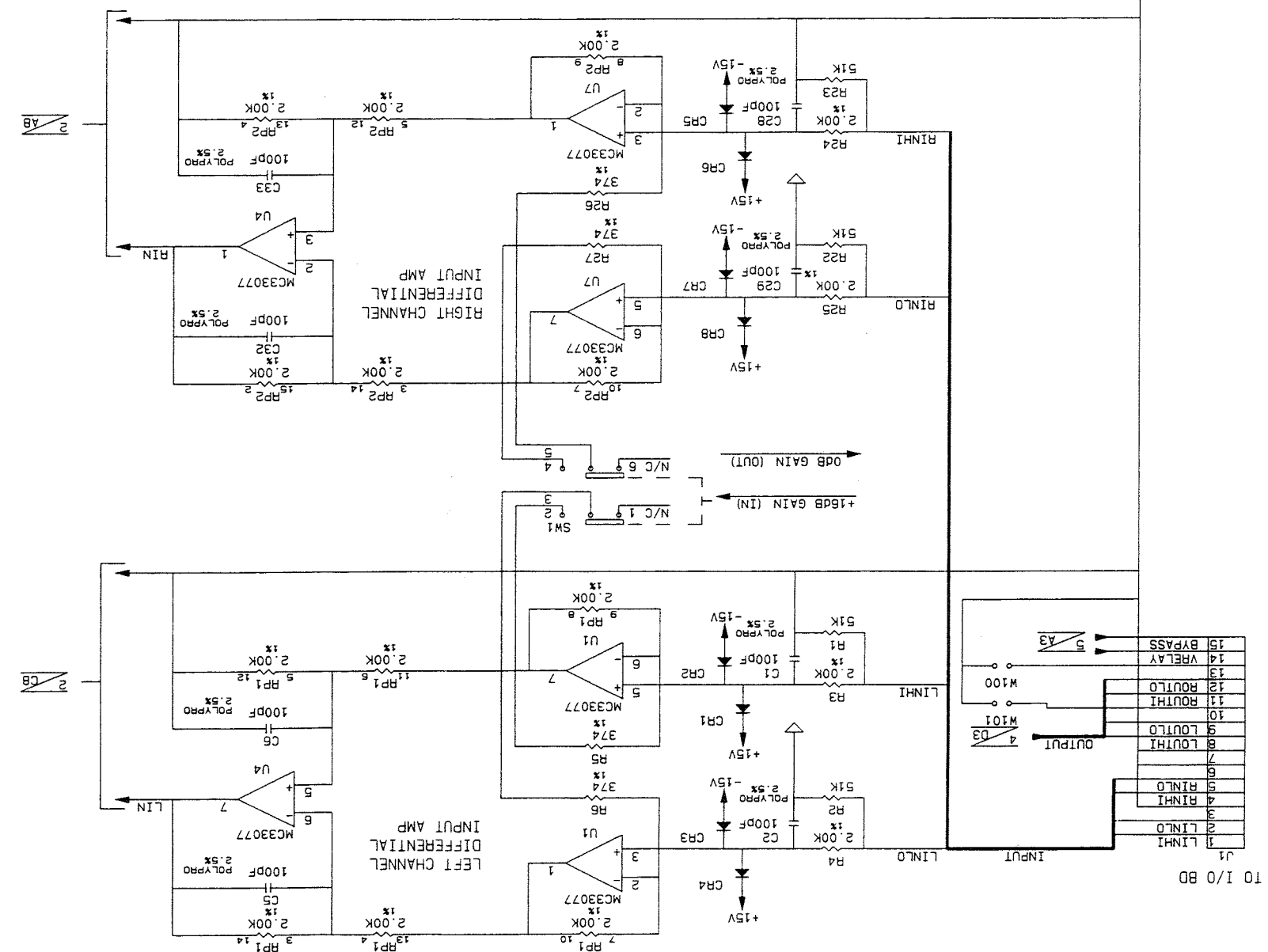
REV	DESCRIPTION	DRAWN/	CHECKED/	DATE
0	RELEASE FOR PROTOTYPE			
1	RELEASE FOR PRODUCTION	RM	RM	10/20/89
2	CHANGED DOC CTL BLOCK PER	RM	RM	12/14/89
3	CHANGED DOC CTL BLOCK PER	RM	RM	10/08/89
4	UPDATED DOC CTL BLOCK PER	RM	RM	10/21/90
5	ECO 91125-00-A & 920117-01	RM	RM	10/24/90
6	CHANGED SHEET 3 & UPDATED DOC. CTL	RM	RM	10/24/90
	ECO#930426-00	RM	RM	10/24/90

REV	DESCRIPTION	DRAWN/	CHECKED/	DATE
0	RELEASE FOR PROTOTYPE			
1	RELEASE FOR PRODUCTION	RM	RM	10/20/89
2	CHANGED DOC CTL BLOCK PER	RM	RM	12/14/89
3	CHANGED DOC CTL BLOCK PER	RM	RM	10/08/89
4	UPDATED DOC CTL BLOCK PER	RM	RM	10/21/90
5	ECO 91125-00-A & 920117-01	RM	RM	10/24/90
6	CHANGED SHEET 3 & UPDATED DOC. CTL	RM	RM	10/24/90
	ECO#930426-00	RM	RM	10/24/90

1. UNLESS OTHERWISE INDICATED, RESISTORS ARE 5%, 1/4W.
2. UNLESS OTHERWISE INDICATED, CAPACITORS ARE 10%, 1/4W.
3. UNLESS OTHERWISE INDICATED, DIODES ARE 1N4148.
4. ANALOG CHASSIS GROUND = GROUND
5. 1/2" DENOTES SHEET NUMBER AND INTERSECT COORDINATE.
6. ON BOARD CONNECTION-TO
7. REFERENCE DESIGNATORS, LAST USED: C102, CR30, J6, J9, R108, U17.
- NOT USED: R38, J9, J2-49, J6, J4, J7-74.

REV	DESCRIPTION	DRAWN/	CHECKED/	DATE
0	RELEASE FOR PROTOTYPE			
1	RELEASE FOR PRODUCTION	RM	RM	10/20/89
2	CHANGED DOC CTL BLOCK PER	RM	RM	12/14/89
3	CHANGED DOC CTL BLOCK PER	RM	RM	10/08/89
4	UPDATED DOC CTL BLOCK PER	RM	RM	10/21/90
5	ECO 91125-00-A & 920117-01	RM	RM	10/24/90
6	CHANGED SHEET 3 & UPDATED DOC. CTL	RM	RM	10/24/90
	ECO#930426-00	RM	RM	10/24/90

REV	DESCRIPTION	DRAWN/	CHECKED/	DATE
0	RELEASE FOR PROTOTYPE			
1	RELEASE FOR PRODUCTION	RM	RM	10/20/89
2	CHANGED DOC CTL BLOCK PER	RM	RM	12/14/89
3	CHANGED DOC CTL BLOCK PER	RM	RM	10/08/89
4	UPDATED DOC CTL BLOCK PER	RM	RM	10/21/90
5	ECO 91125-00-A & 920117-01	RM	RM	10/24/90
6	CHANGED SHEET 3 & UPDATED DOC. CTL	RM	RM	10/24/90
	ECO#930426-00	RM	RM	10/24/90

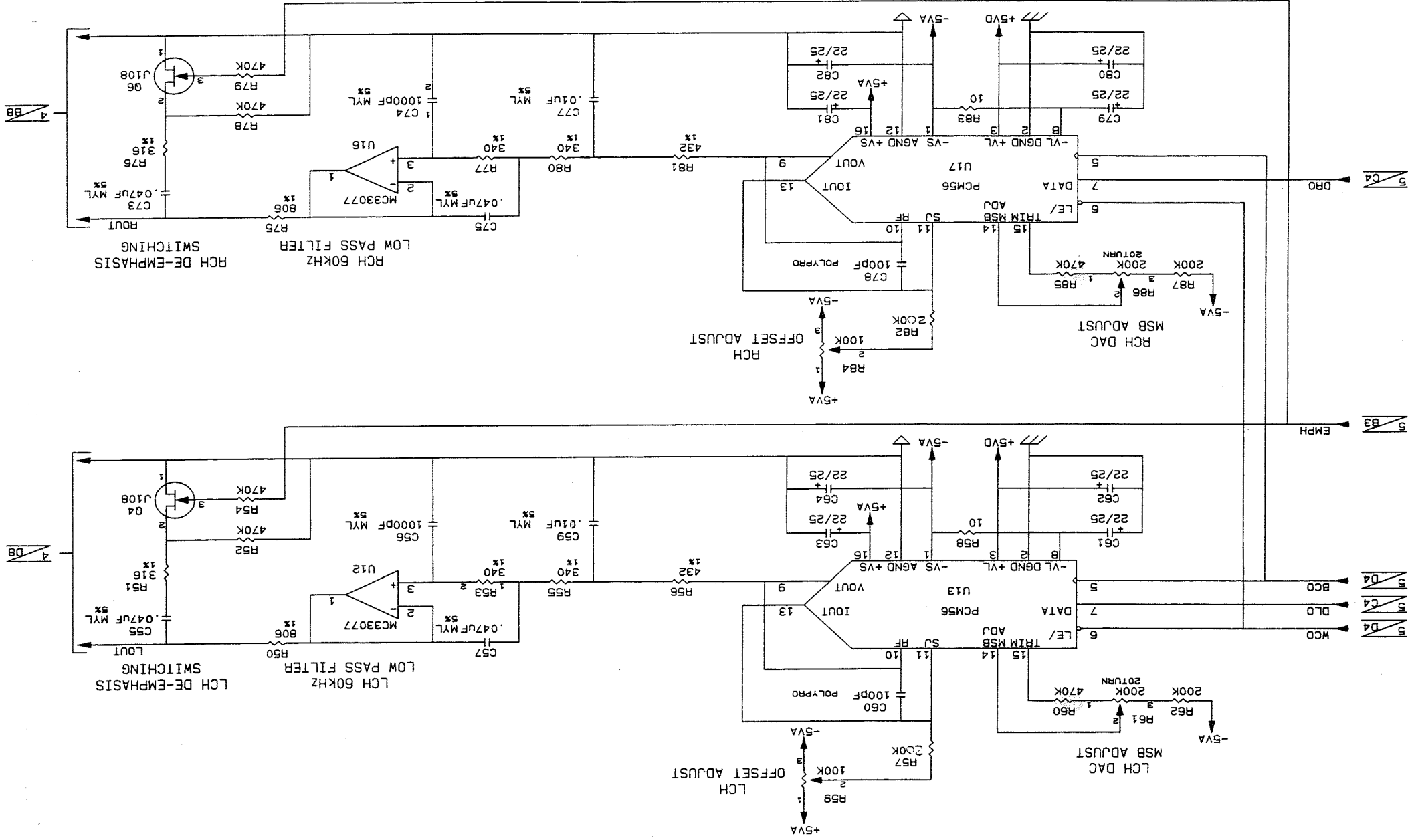


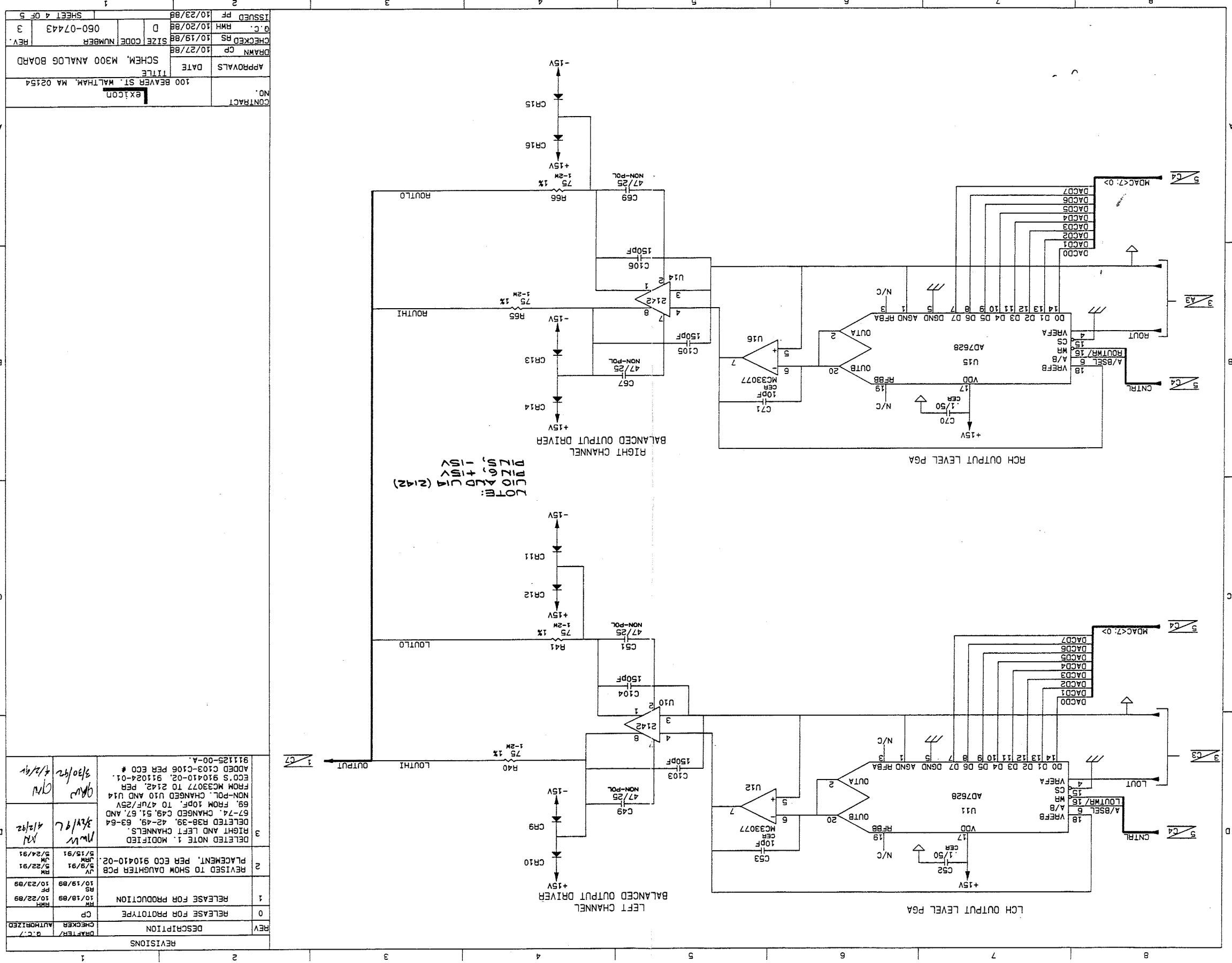
REV	DESCRIPTION	DRAWN/	CHECKED/	DATE
0	RELEASE FOR PROTOTYPE			
1	RELEASE FOR PRODUCTION	RM	RM	10/20/89
2	CHANGED DOC CTL BLOCK PER	RM	RM	12/14/89
3	CHANGED DOC CTL BLOCK PER	RM	RM	10/08/89
4	UPDATED DOC CTL BLOCK PER	RM	RM	10/21/90
5	ECO 91125-00-A & 920117-01	RM	RM	10/24/90
6	CHANGED SHEET 3 & UPDATED DOC. CTL	RM	RM	10/24/90
	ECO#930426-00	RM	RM	10/24/90

REV		DESCRIPTION		DATE		CHECKER		AUTHORIZED	
0		RELEASE FOR PROTOTYPE		RM	10/18/89	RMH	10/20/89	RMH	10/20/89
1		RELEASE FOR PRODUCTION		RM	10/18/89	RMH	10/20/89	RMH	10/20/89
2		CHANGED DOC CTL BLOCK PER	ECO'S B91117-01 AND B91204-00	RM	10/19/89	RMH	12/14/89	RM	12/14/89
3		CHANGED DOC CTL BLOCK PER	ECO 900515-00	RM	10/08/89	RM	12/14/89	RM	12/14/89
4		UPDATED DOC CTL BLOCK PER	ECO 910410-02	RMH	8/27/90	RM	10/24/90	RM	10/24/90
5		UPDATED DOC CTL BLOCK PER	ECO 911125-00-A & 920117-01	RMH	10/2/90	RM	10/24/90	RM	10/24/90
6		CHANGED SHEET 3 & BLK PER	ECO #930426-00	RMH	10/2/90	RM	10/24/90	RM	10/24/90
REVISIONS									
DATE		CHECKER		DATE		CHECKER		AUTHORIZED	
10/18/89		RMH		10/20/89		RMH		RMH	
10/18/89		RMH		10/20/89		RMH		RMH	
10/18/89		RMH		10/20/89		RMH		RMH	
10/18/89		RMH		10/20/89		RMH		RMH	
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10/18/89		RMH		10/20/89		RMH		RMH	

REV	DESCRIPTION	CHECKER	DATE
0	RELEASE FOR PROTOTYPE	CP	10/27/89
1	RELEASE FOR PRODUCTION	WJ/10/89	10/27/89
2	CHANGED R57 & R82 TO 200K PER ECO # 930426-00	WJ/10/89	10/27/89
REVISIONS			

CONTRACT NO.	100 BEAVER ST. WALTHAM, MA 02154
APPROVALS	DATE
DRAWN CP	10/27/89
CHECKED RS	10/17/91
ISSUED	10/17/91
REV.	2
SIZE	D
CODE NUMBER	060-07443
SHEET 3 OF 5	

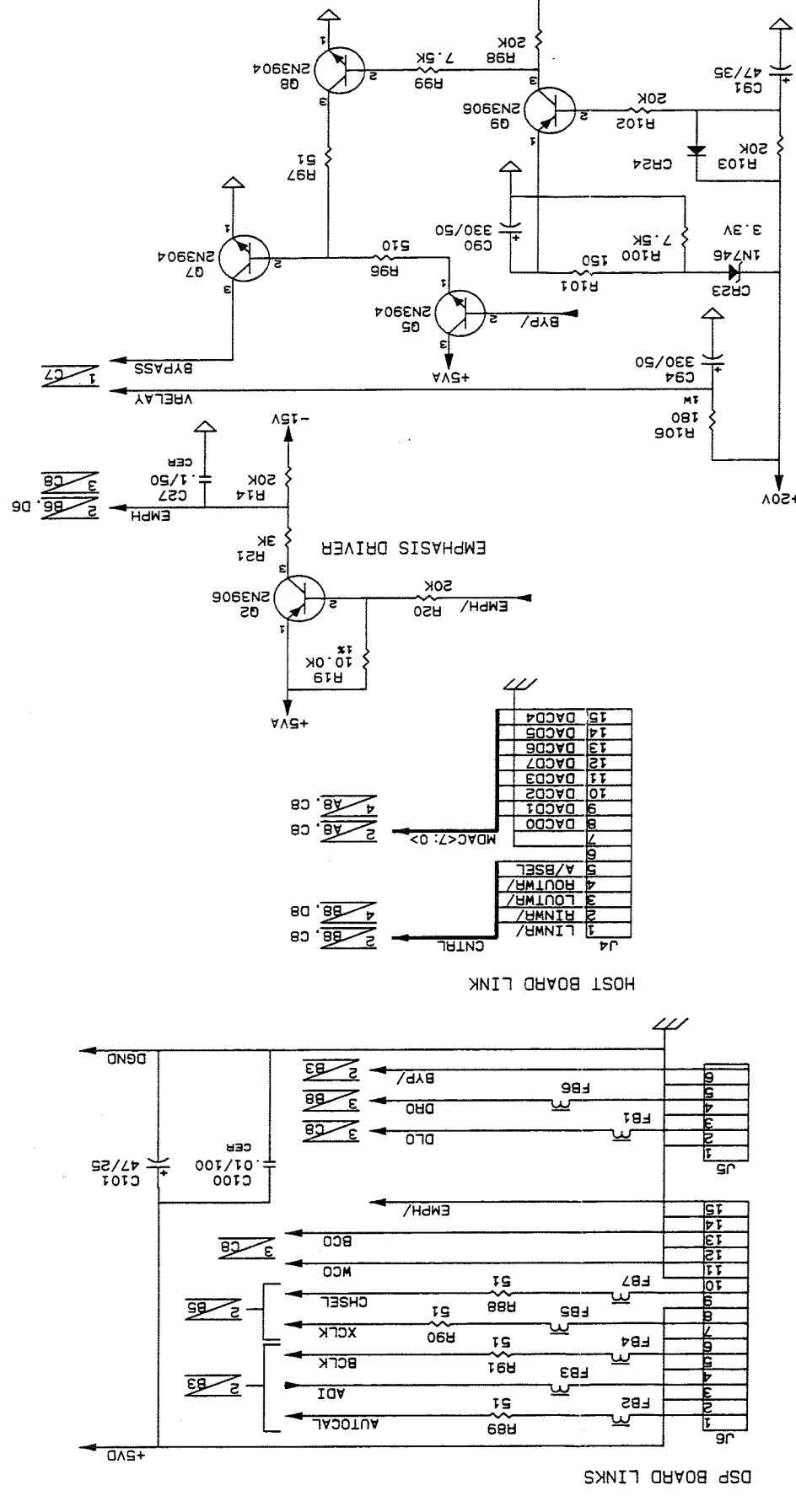
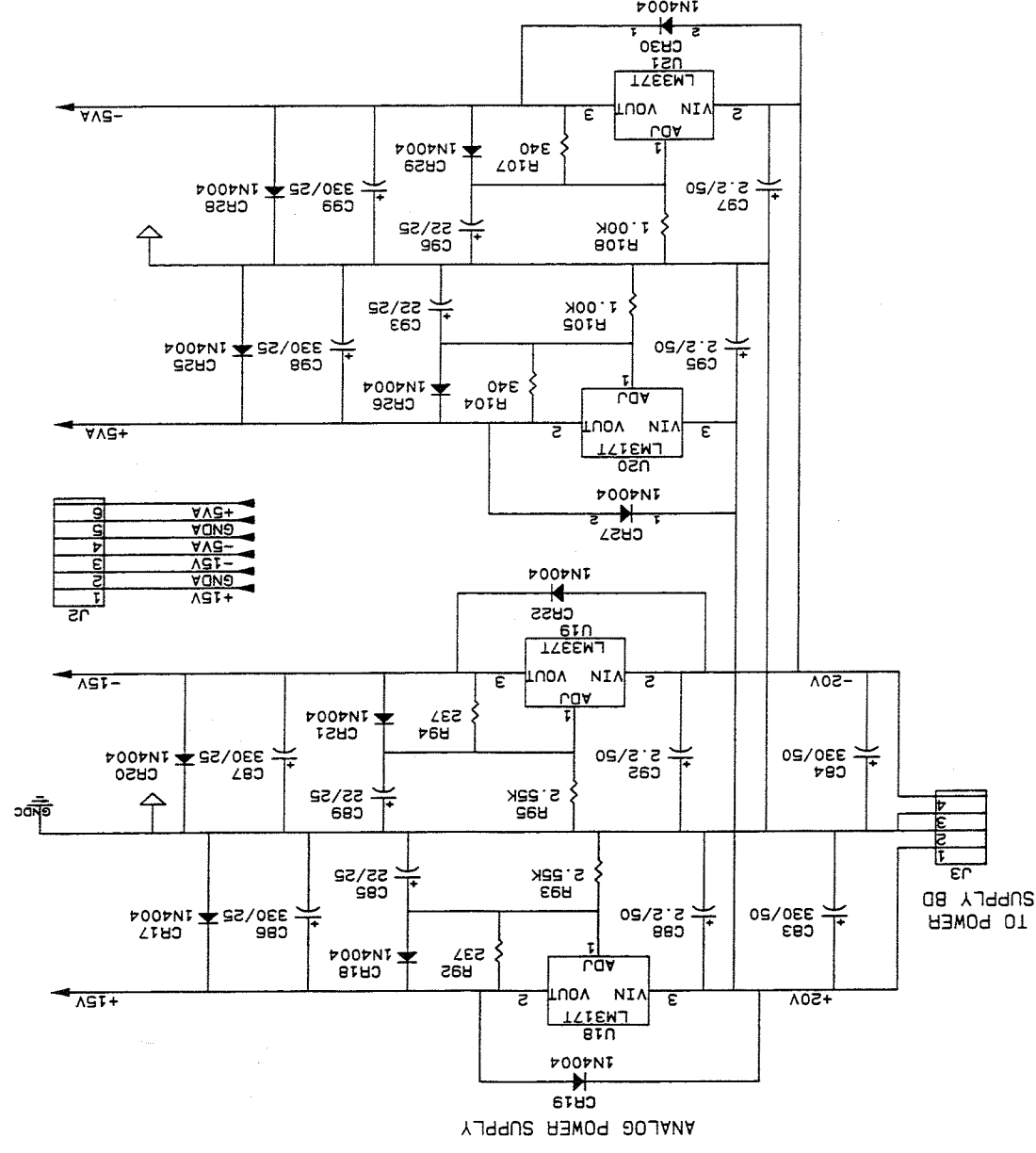




REV. NO.		DESCRIPTION	CHECKER	DATE/TIME
0	1	RELEASE FOR PROTOTYPE	CP	10/18/89 RM 10/22/89 PF 10/23/89 RM
2	2	REVISED TO SHOW DAUGHTER PCB PLACEMENT, PER ECO 910410-02.	UV	5/15/91 5/9/91 RM 5/22/91 5/24/91
3	3	DELETED NOTE 1. MODIFIED RIGHT AND LEFT CHANNELS. DELETED R38-39, 42-49, 63-64 67-74. CHANGED C49, 51, 67, AND 69. FROM 10PF. TO 47UF/25V. FROM MC33077 TO 2142. PER NON-POL. CHANGED U10 AND U14 ECO'S 910410-02, 911024-01. ADDED C103-C106 PER ECO # 911125-00-A.	UV 3/21/92 RM 4/2/92	3/30/92 4/2/92

REVIEWS		DATE/TIME	CHECKER	APPROVED
REV	DESCRIPTION	CP		
1	RELEASE FOR PRODUCTION	RM 10/18/89 PF 10/20/89	RMH	
2	CHANGE PER ECO # 891204-00.	RM 10/19/89 PF 10/23/89	RMH	12/14/89 12/14/89

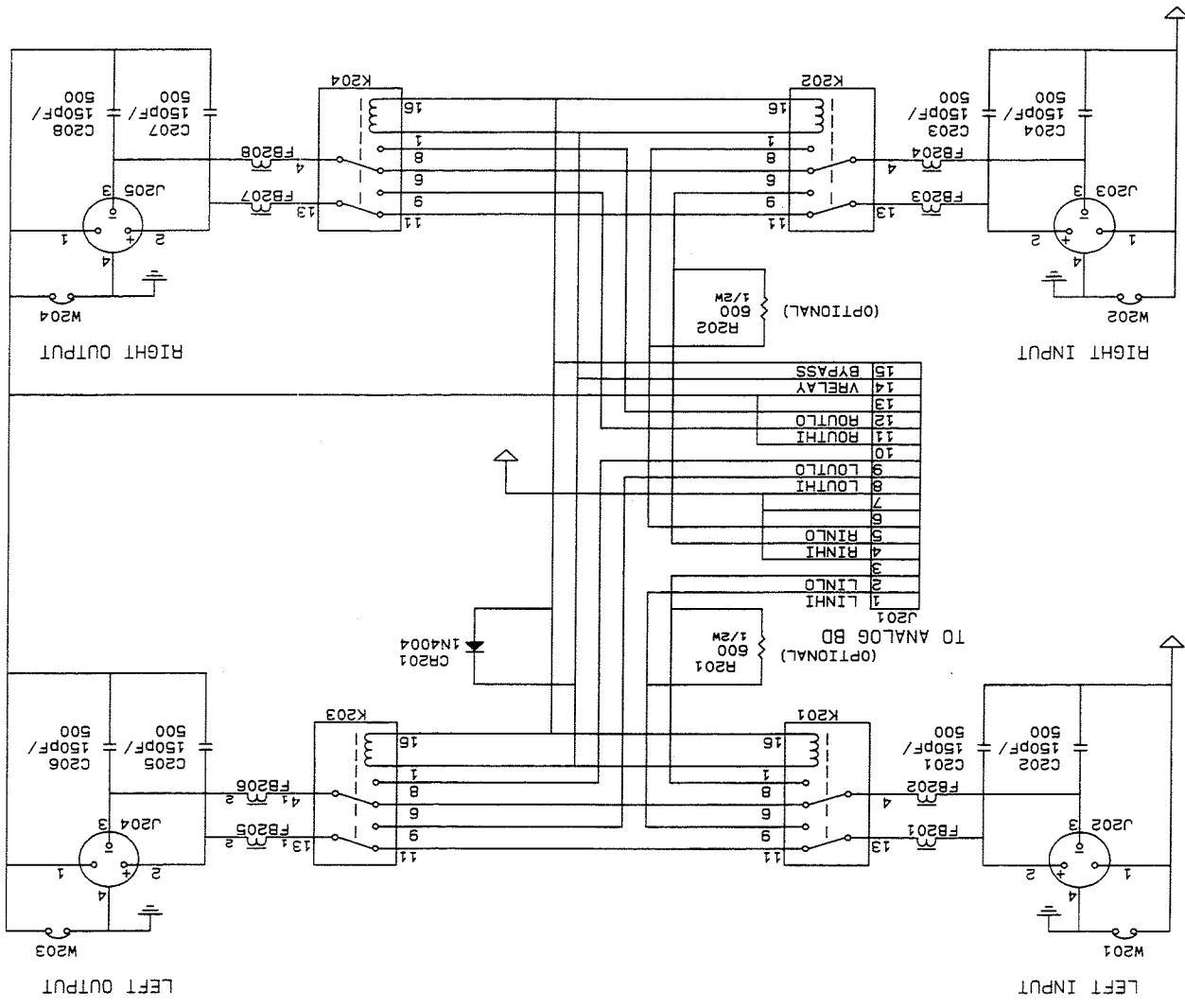
CONTRACT NO.		100 BEAVER ST. WALTHAM, MA. 02154	
APPROVALS		DATE	
DRYAN CP	10/27/88	SCHEM, M300 ANALOG BOARD	
CHECKED AS	10/19/88	SIZE CODE NUMBER	
ISSUED PF	10/23/88	D	
a.c. RMH	10/20/88	SHEET 5 OF 5	



REVISIONS		REV	DESCRIPTION	CHECKER	DATE
1	RELEASE FOR PRODUCTION	RS 10/17/89	10/17/89		
0	RELEASE FOR PROTOTYPE	CP 10/27/88	10/27/88		

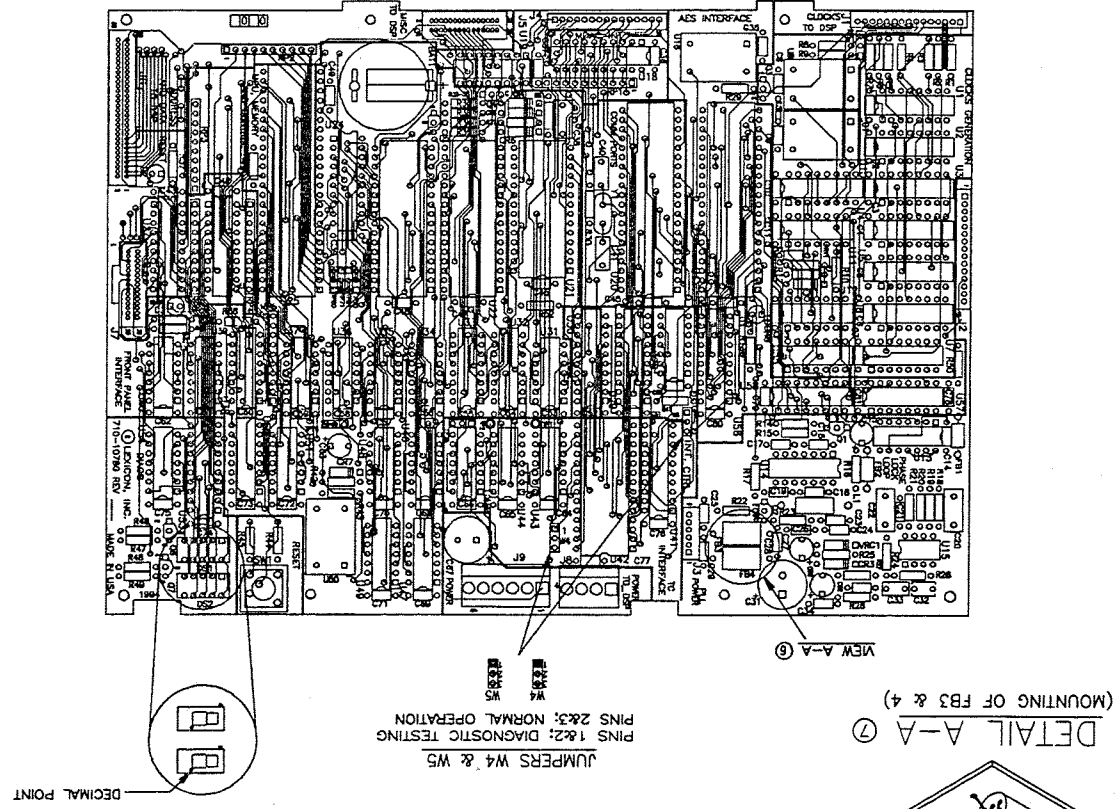
- NOTES
1. UNLESS OTHERWISE INDICATED, RESISTORS ARE 5% 1/4W.
 2. UNLESS OTHERWISE INDICATED, CAPACITORS ARE 50V.
 3. UNLESS OTHERWISE INDICATED, DIODES ARE 1N4148.
 4. ANALOG / DIGITAL = CHASSIS GROUND ANALOG / GROUND = CHASSIS GROUND
 5. 1 2 DENOTES SHEET NUMBER AND INTERSECT COORDINATE.
 6. ON BOARD CONNECTION-TO ON BOARD CONNECTION-FROM SOLDER CONNECTION

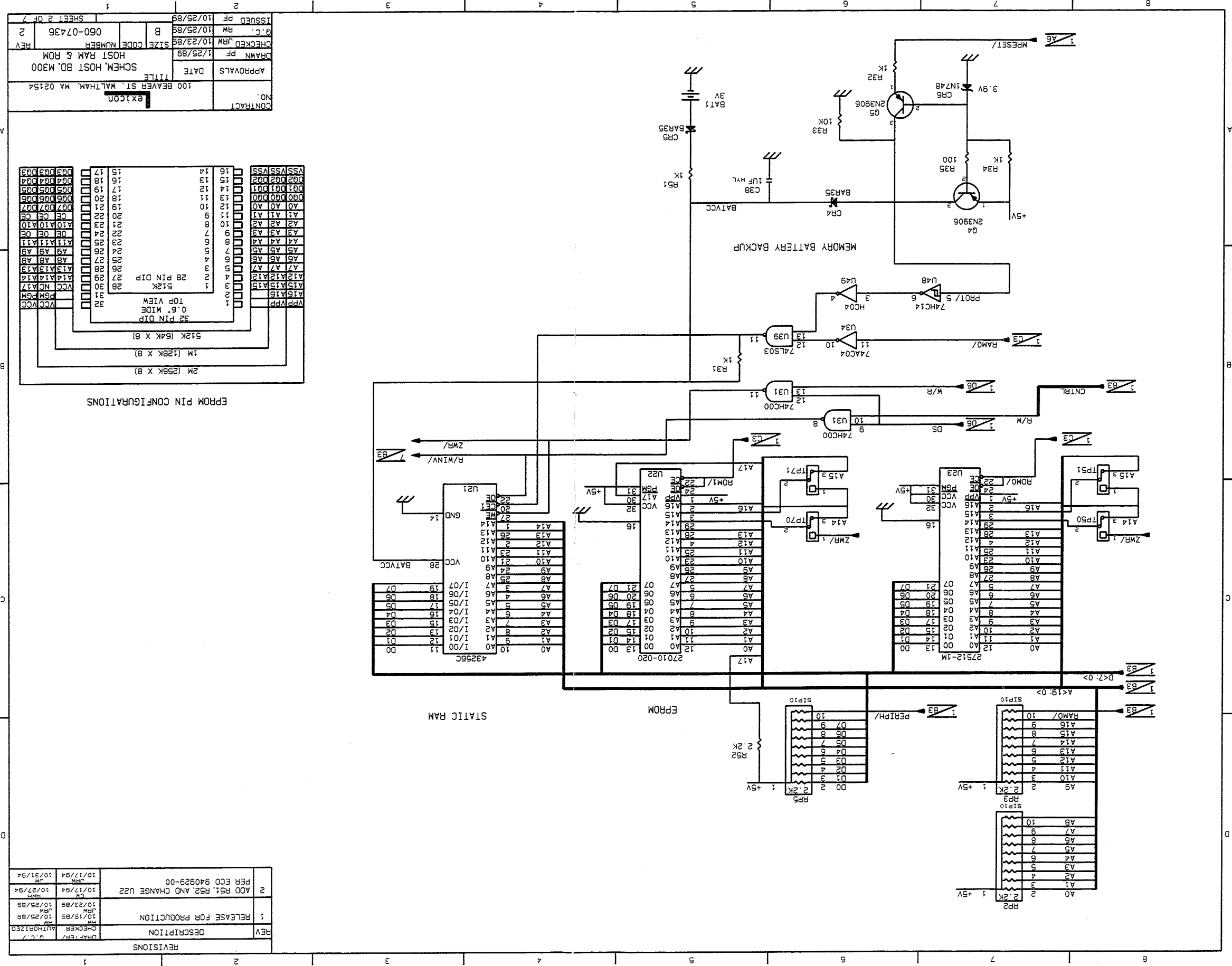
CONTRACT NO.		100 BEAVER ST. WALTHAM, MA 02154		TITLE	
APPROVALS		DATE		SCHEM. M300 ANA I/O BOARD	
DRAWN CP		10/27/88		CHECKED RS	
O.C. 10/17/89		10/17/89		ISSUED (06)	
SIZE		CODE		NUMBER	
D		060-07511		REV. 1	
SHEET 1 OF 1					



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS DECIMALS AND MILLIS	CONTRACT NO.	APPROVALS	DATE	PC BD, HOST BD, M300L ASSEMBLY DRAWING	REV 0	SHEET 1 OF 1
MATERIAL	DRAWN	CHECKED	10/20/94	SHIP/PCSM NO.	080-10785	
FINISH	O.C.	10/20/94		SCALE 1:1		
DO NO SCALE DRAWING	ISSUED					

REV	DESCRIPTION	DRAFTER/CHECKER	D.C./AUTH.
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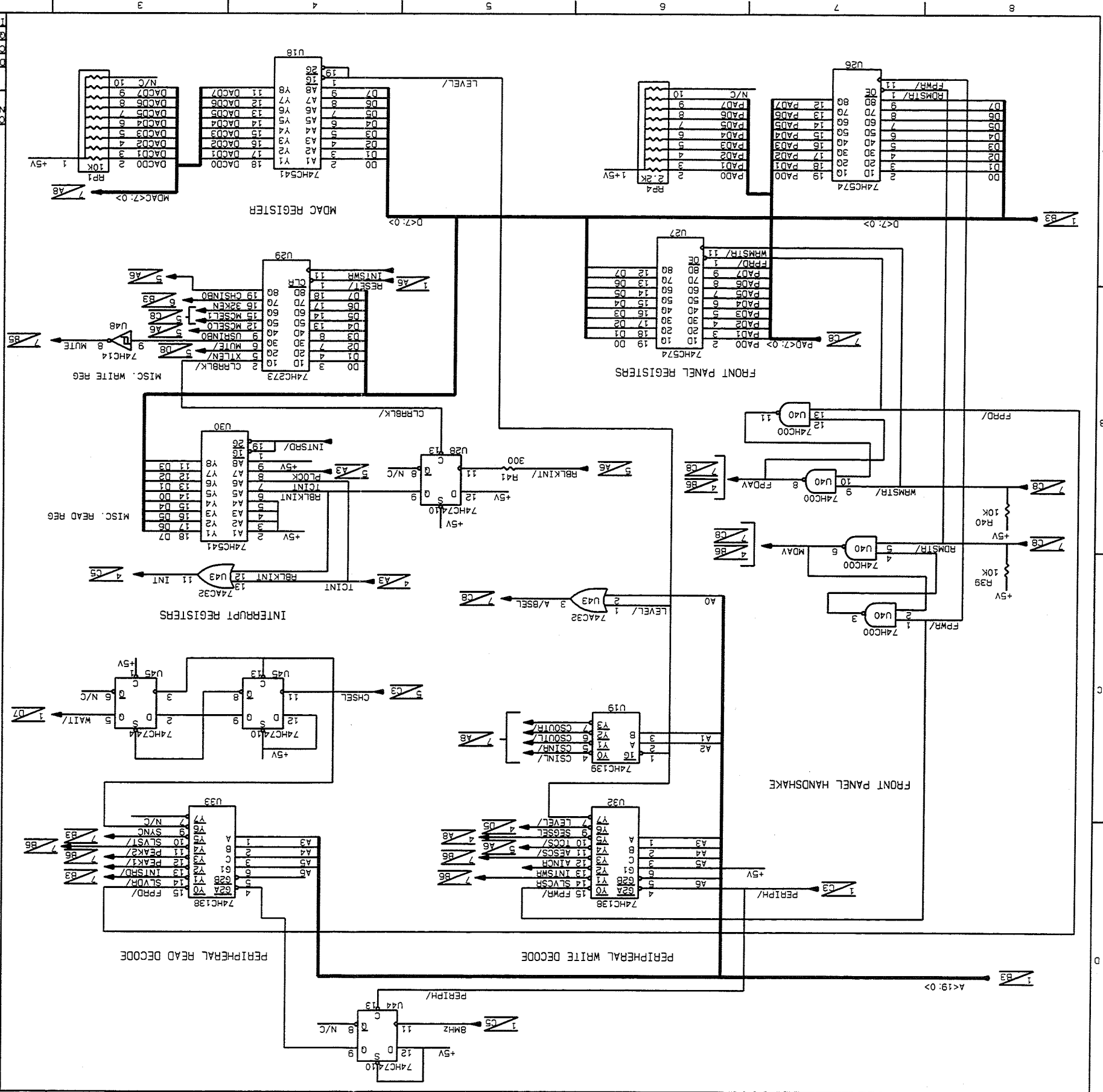




REV		DESCRIPTION	CHECKER	DATE
1	RELEASE FOR PRODUCTION	RM	10/23/89	PF
2	CHANGE PER ECO #891117-00	RM	12/12/89	PF
3	CHANGE PER ECO #900118-01-A	RM	5/24/90	JM
		5/28/90	5/5/90	

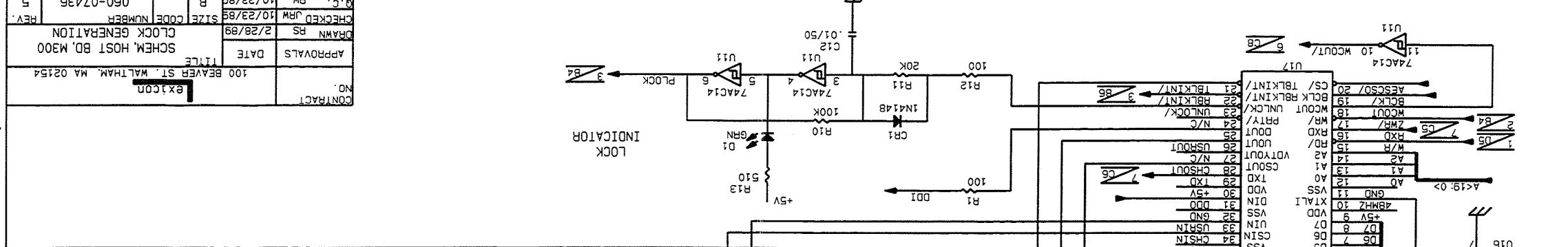
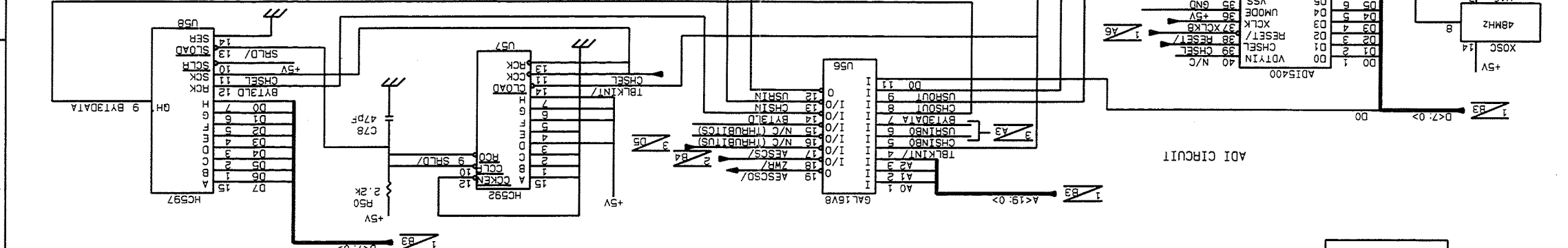
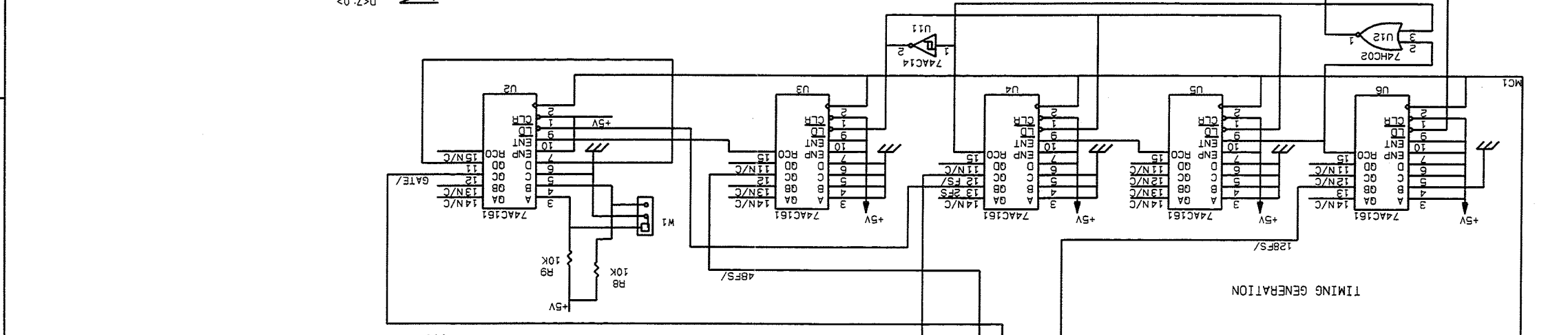
REV		DESCRIPTION	CHECKER	DATE
1	RELEASE FOR PRODUCTION	RM	10/23/89	PF
2	CHANGE PER ECO #891117-00	RM	12/12/89	PF
3	CHANGE PER ECO #900118-01-A	RM	5/24/90	JM
		5/28/90	5/5/90	

REV		DESCRIPTION	CHECKER	DATE
1	RELEASE FOR PRODUCTION	RM	10/23/89	PF
2	CHANGE PER ECO #891117-00	RM	12/12/89	PF
3	CHANGE PER ECO #900118-01-A	RM	5/24/90	JM
		5/28/90	5/5/90	



REV	DESCRIPTION	DATE	BY	CHKD
1	RELEASE FOR PRODUCTION	10/19/89	RM	PF
2	CHANGE PER ECO #891117-00.	12/12/89	RM	PF
3	CHANGE PER ECO #900118-01-A	5/24/90	RM	JM
4	CHANGE PER ECO'S 900118-01	6/26/90	RM	JM
5	900118-01-A AND 900416-00	6/26/90	RM	JM
5	CHANGE PER ECO 900914-00.	11/9/90	RM	11/17/91
5	ADDED SPARE U12 GATE.	11/12/90	RM	11/17/91

REV	DESCRIPTION	DATE	BY	CHKD
1	RELEASE FOR PRODUCTION	10/19/89	RM	PF
2	CHANGE PER ECO #891117-00.	12/12/89	RM	PF
3	CHANGE PER ECO #900118-01-A	5/24/90	RM	JM
4	CHANGE PER ECO'S 900118-01	6/26/90	RM	JM
5	900118-01-A AND 900416-00	6/26/90	RM	JM
5	CHANGE PER ECO 900914-00.	11/9/90	RM	11/17/91
5	ADDED SPARE U12 GATE.	11/12/90	RM	11/17/91

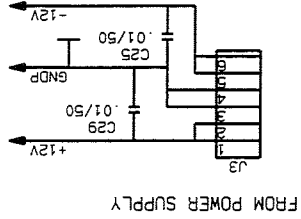
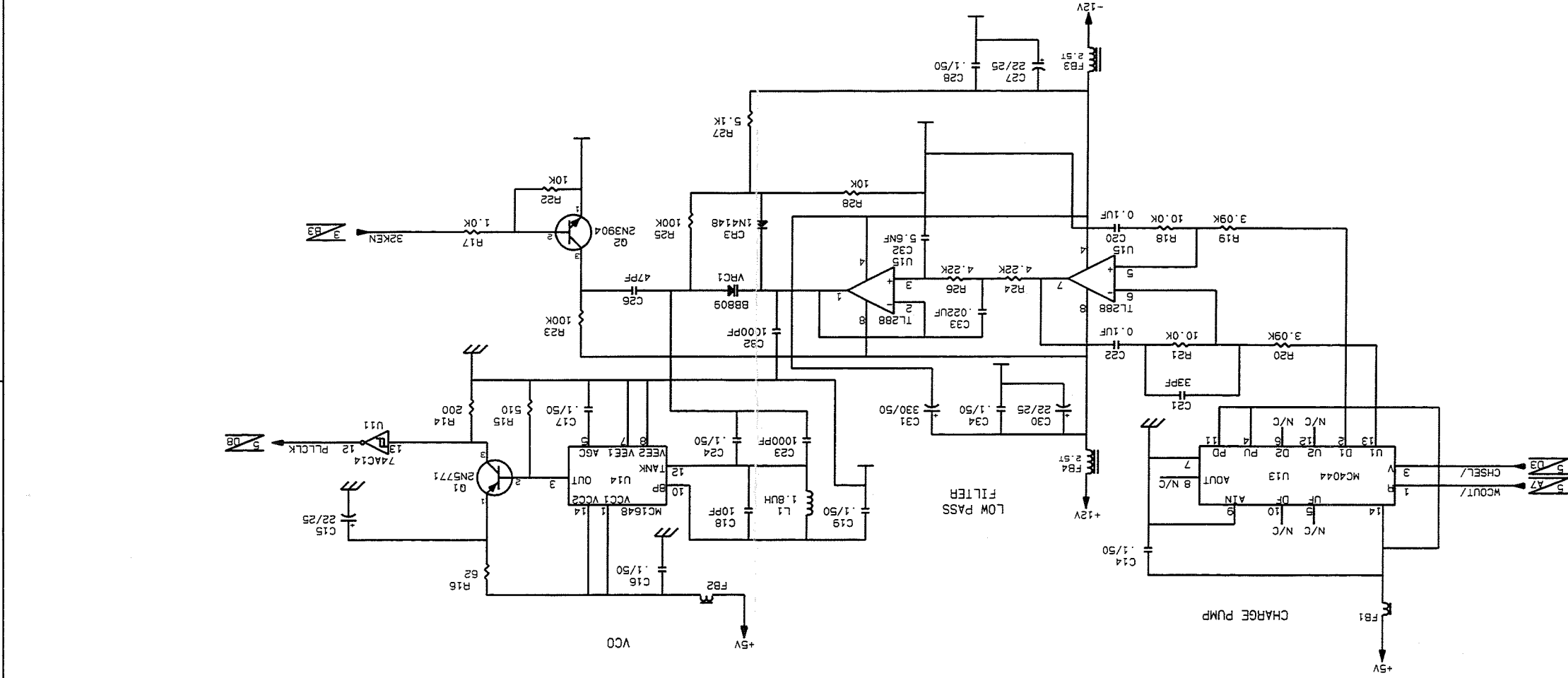


REV	DESCRIPTION	DATE	BY	CHKD
1	RELEASE FOR PRODUCTION	10/19/89	RM	PF
2	CHANGE PER ECO #891117-00.	12/12/89	RM	PF
3	CHANGE PER ECO #900118-01-A	5/24/90	RM	JM
4	CHANGE PER ECO'S 900118-01	6/26/90	RM	JM
5	900118-01-A AND 900416-00	6/26/90	RM	JM
5	CHANGE PER ECO 900914-00.	11/9/90	RM	11/17/91
5	ADDED SPARE U12 GATE.	11/12/90	RM	11/17/91

REV	DESCRIPTION	DATE	BY	CHKD
1	RELEASE FOR PRODUCTION	10/19/89	RM	PF
2	CHANGE PER ECO #891117-00.	12/12/89	RM	PF
3	CHANGE PER ECO #900118-01-A	5/24/90	RM	JM
4	CHANGE PER ECO'S 900118-01	6/26/90	RM	JM
5	900118-01-A AND 900416-00	6/26/90	RM	JM
5	CHANGE PER ECO 900914-00.	11/9/90	RM	11/17/91
5	ADDED SPARE U12 GATE.	11/12/90	RM	11/17/91

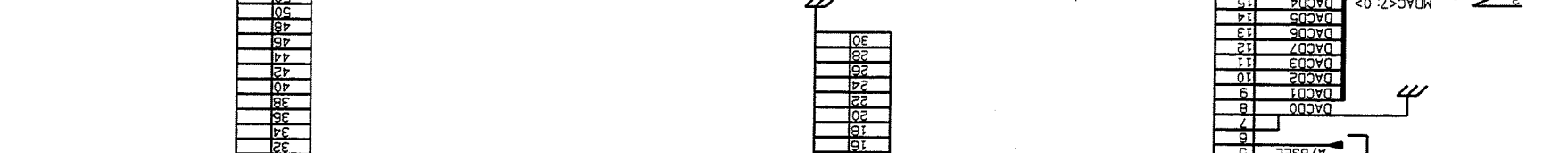
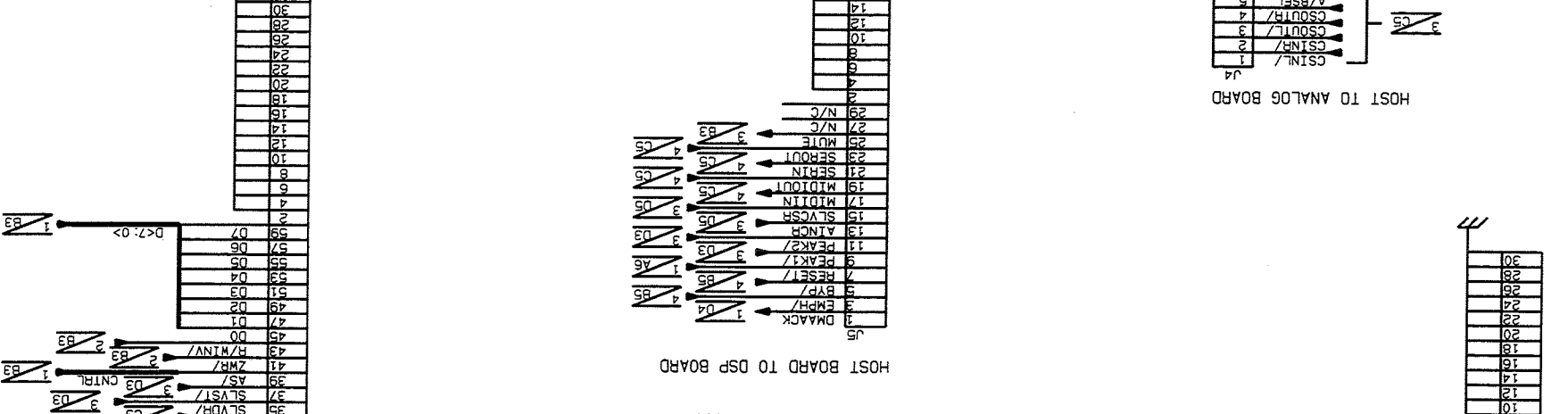
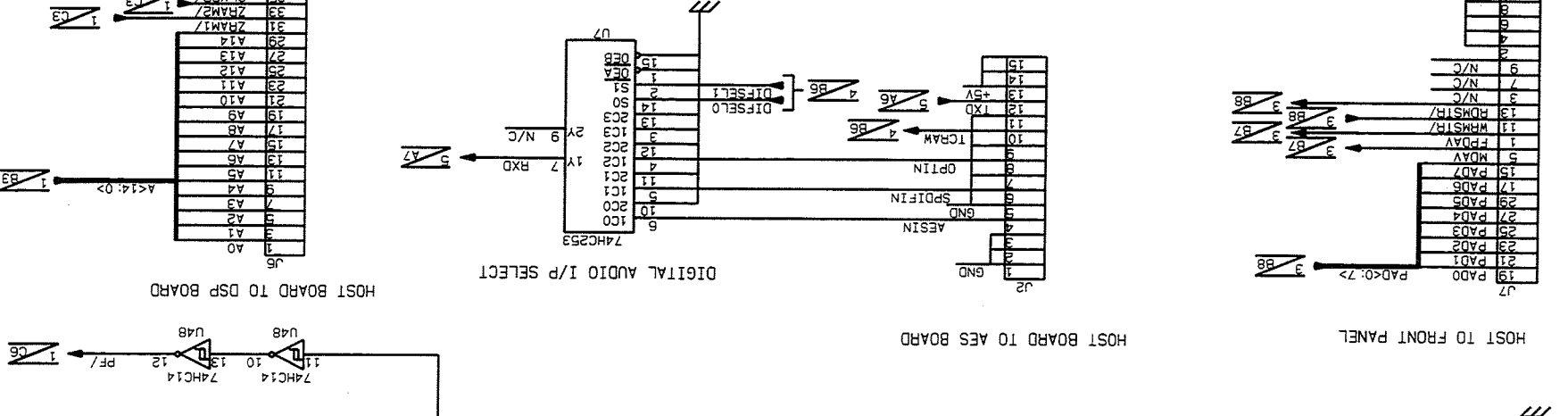
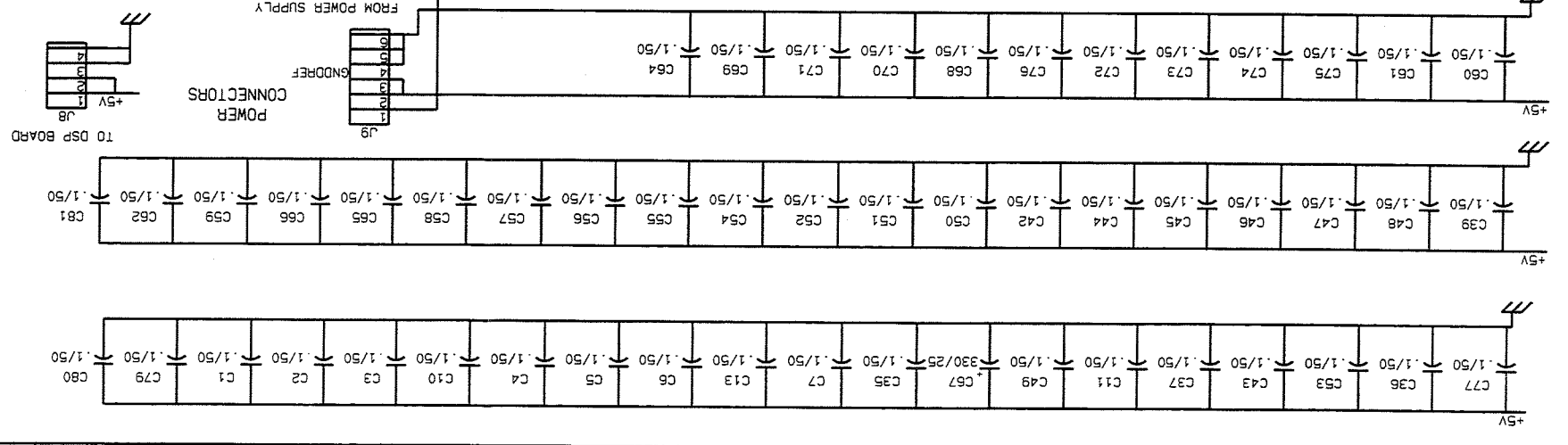
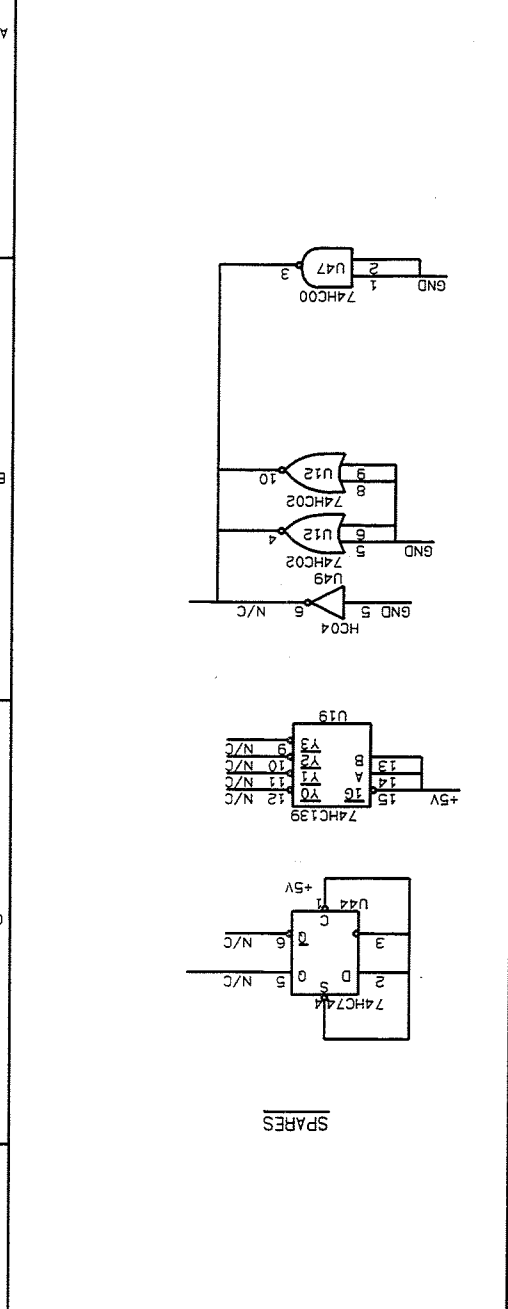
REVISIONS		
REV	DESCRIPTION	DATE
1	RELEASE FOR PRODUCTION	5/24/90
2	CHANGE PER ECO #900320-00	5/24/90
3	CHANGE PER ECO 901002-00	11/12/90
	ADDED C82	11/17/91

REVISIONS		
REV	DESCRIPTION	DATE
1	RELEASE FOR PRODUCTION	5/24/90
2	CHANGE PER ECO #900320-00	5/24/90
3	CHANGE PER ECO 901002-00	11/12/90
	ADDED C82	11/17/91



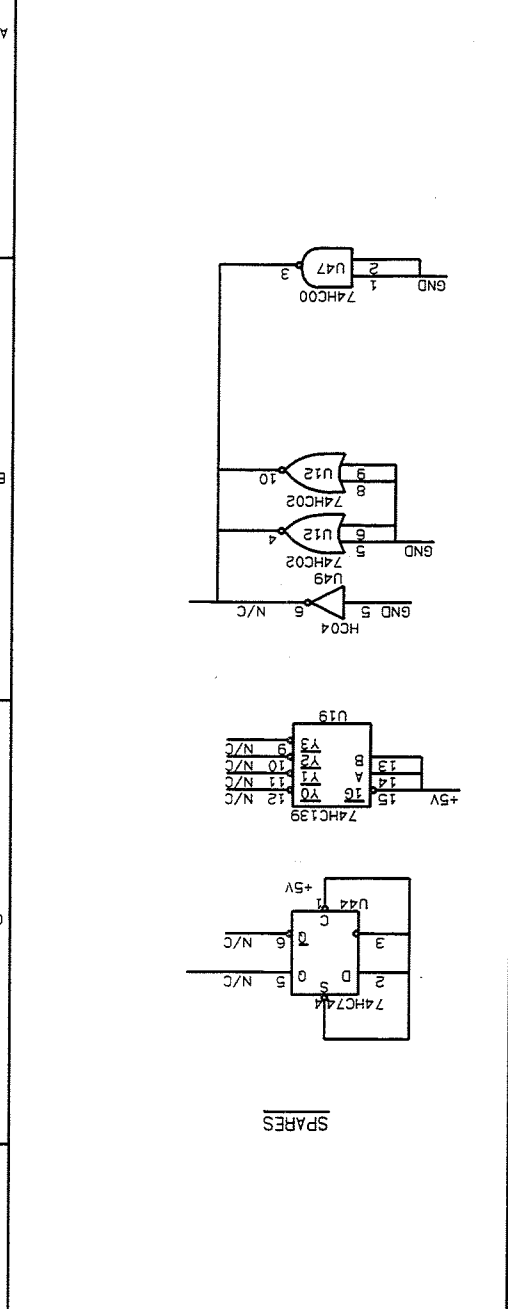
REV	DESCRIPTION	DATE	BY	CHKD	APP'D
1	RELEASE FOR PRODUCTION	10/23/89	RM	RM	
2	CHANGE PER ECO #89117000	12/13/89	RM	RM	
3	CHANGE PER ECO #90018-01-A	5/24/90	RM	RM	
4	CHANGE PER ECO 900914-00	11/12/90	RM	RM	

REV	DESCRIPTION	DATE	BY	CHKD	APP'D
1	RELEASE FOR PRODUCTION	10/23/89	RM	RM	
2	CHANGE PER ECO #89117000	12/13/89	RM	RM	
3	CHANGE PER ECO #90018-01-A	5/24/90	RM	RM	
4	CHANGE PER ECO 900914-00	11/12/90	RM	RM	



REV	DESCRIPTION	DATE	BY	CHKD	APP'D
1	RELEASE FOR PRODUCTION	10/23/89	RM	RM	
2	CHANGE PER ECO #89117000	12/13/89	RM	RM	
3	CHANGE PER ECO #90018-01-A	5/24/90	RM	RM	
4	CHANGE PER ECO 900914-00	11/12/90	RM	RM	

REV	DESCRIPTION	DATE	BY	CHKD	APP'D
1	RELEASE FOR PRODUCTION	10/23/89	RM	RM	
2	CHANGE PER ECO #89117000	12/13/89	RM	RM	
3	CHANGE PER ECO #90018-01-A	5/24/90	RM	RM	
4	CHANGE PER ECO 900914-00	11/12/90	RM	RM	

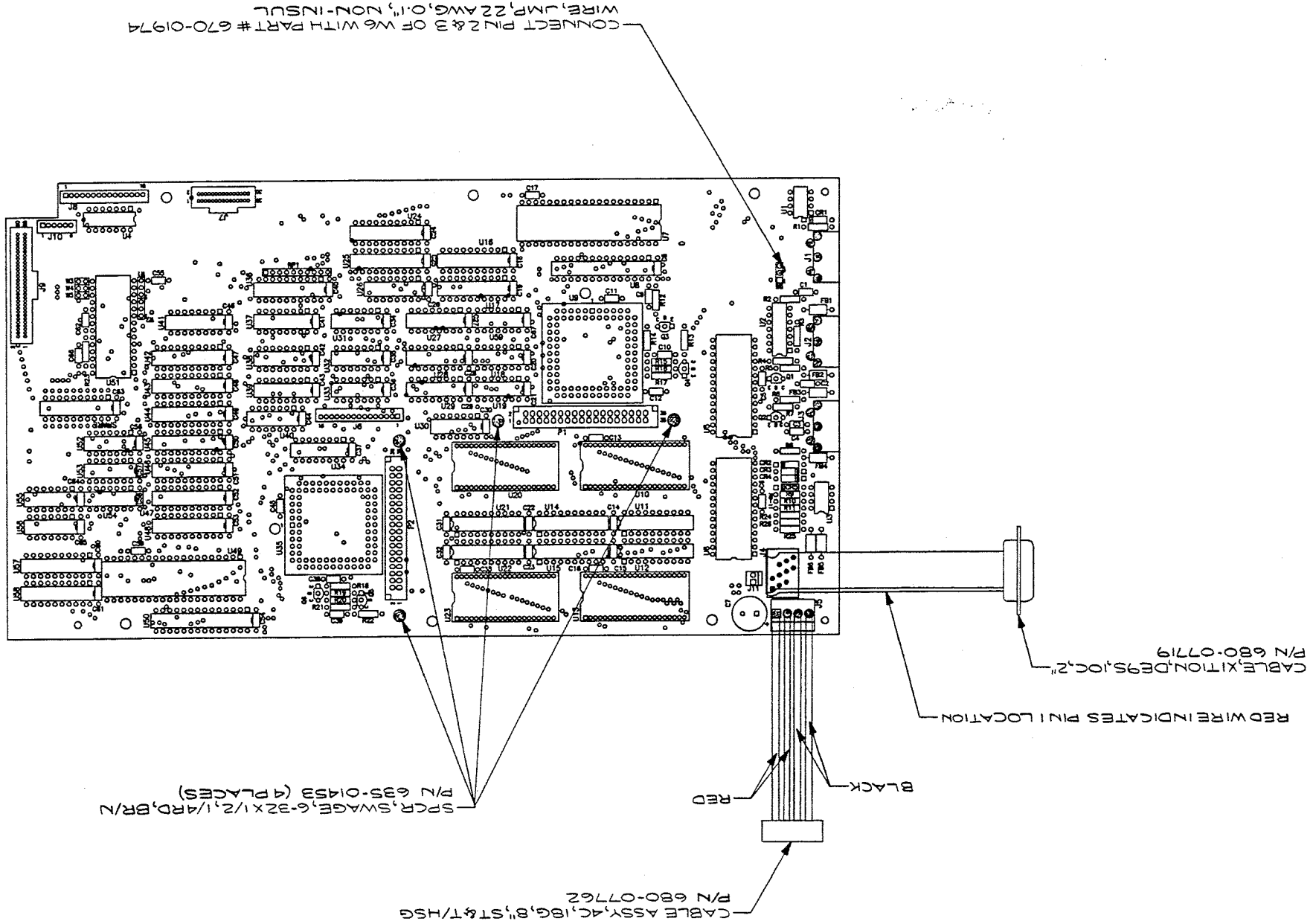


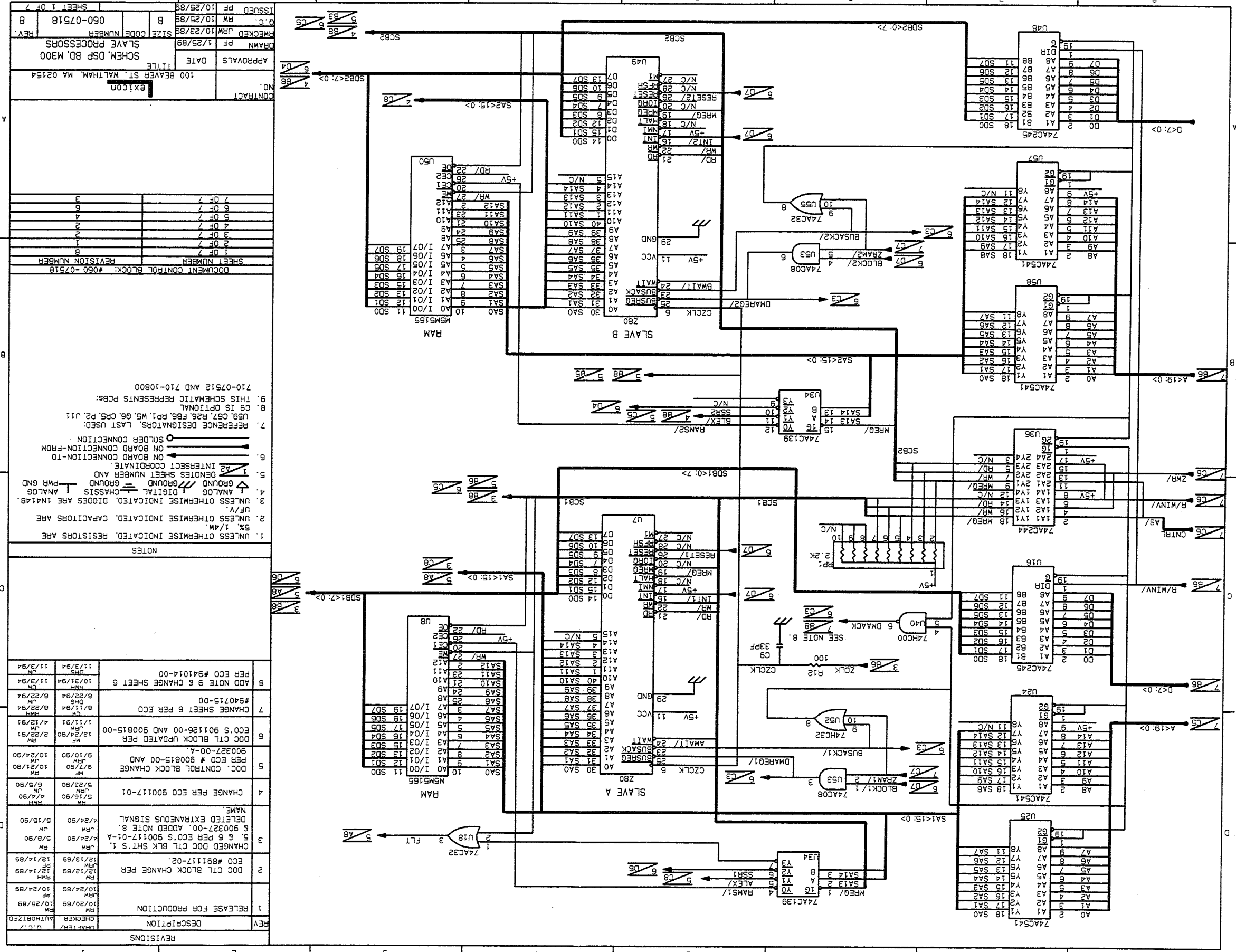
REV	DESCRIPTION	DATE	BY	CHKD	APP'D
1	RELEASE FOR PRODUCTION	10/23/89	RM	RM	
2	CHANGE PER ECO #89117000	12/13/89	RM	RM	
3	CHANGE PER ECO #90018-01-A	5/24/90	RM	RM	
4	CHANGE PER ECO 900914-00	11/12/90	RM	RM	

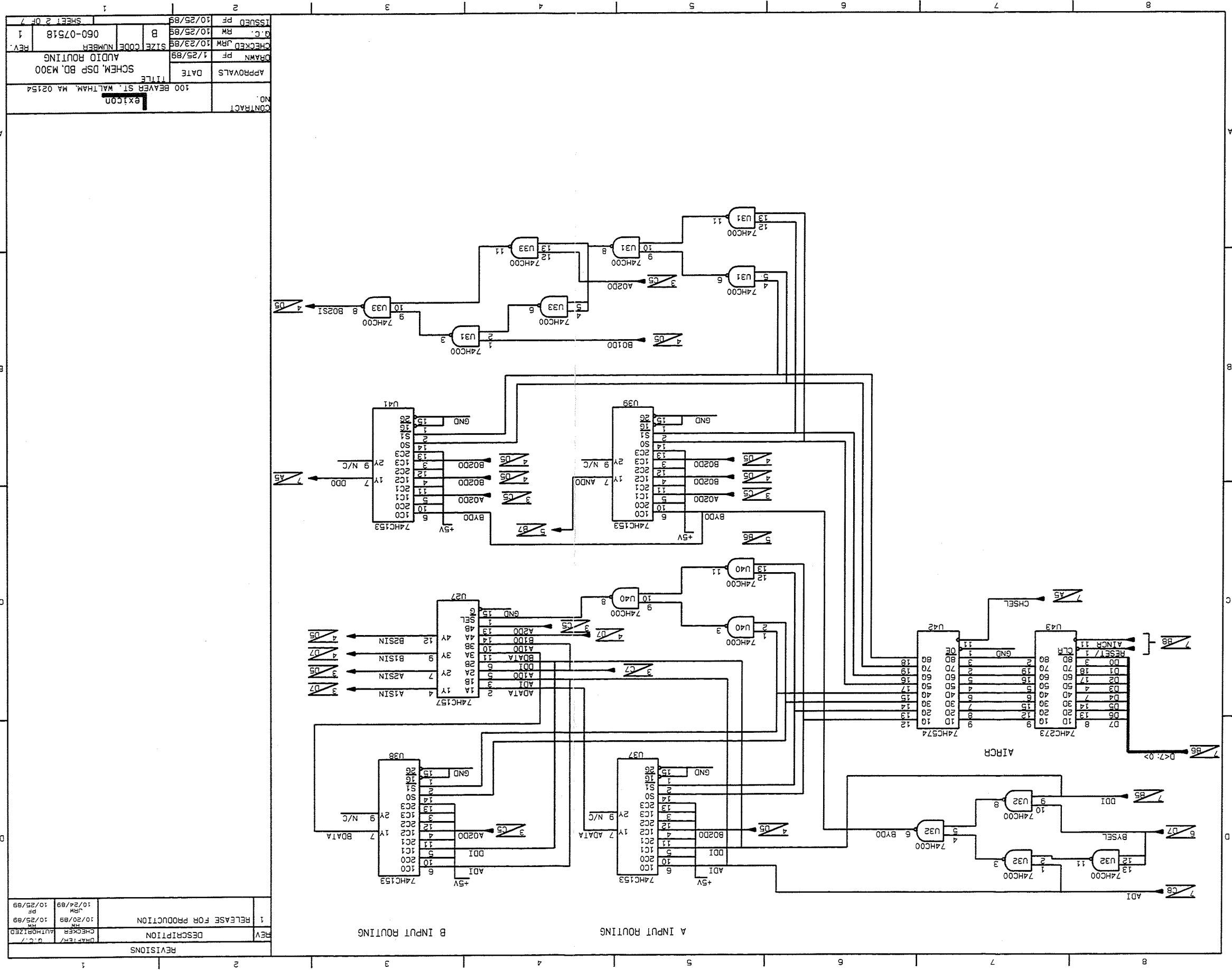
DO NO SCALE DRAWING		APPLICATION	
FINISH		NEXT ASSY.	
MATERIAL		USED ON	
UNLESS OTHERWISE SPECIFIED		710-10800	
DIMENSIONS ARE IN INCHES			
FRACTIONS DECIMALS ANGLES			
CONTRACT NO.		DRAWN	
lexicon		DATE	
PC BD, DSP BD, M300L		CHECKED	
ASSEMBLY DRAWING		H/E	
080-10805		11/11/94	
SHEET 1 OF 1		SCALE 1:1	
REV		ISSUED	
0		D	
		11/14/94	
		SIZE/SCM NO.	
		DWG. NO.	
		080-10805	

1. REFER TO LEXICON BOM NO. 023-10798
2. ALL COMPONENTS TO BE INSTALLED FROM COMPONENT SIDE OF PCB INCLUDING SWAGED STANDOFFS.
3. MASKING FOR POST-SOLDER ASSEMBLY IS INDICATED BY SOLID AREAS
4. COMPONENT HEIGHT 1.000" MAXIMUM.
5. LEAD PROTRUSIONS .100" MAXIMUM FROM CIRCUIT SIDE OF PCB.
6. PACKAGE COMPLETED ASSEMBLY IN A STATIC SHIELDING BAG TO PREVENT ESD DAMAGE DURING SHIPMENT.

NOTES



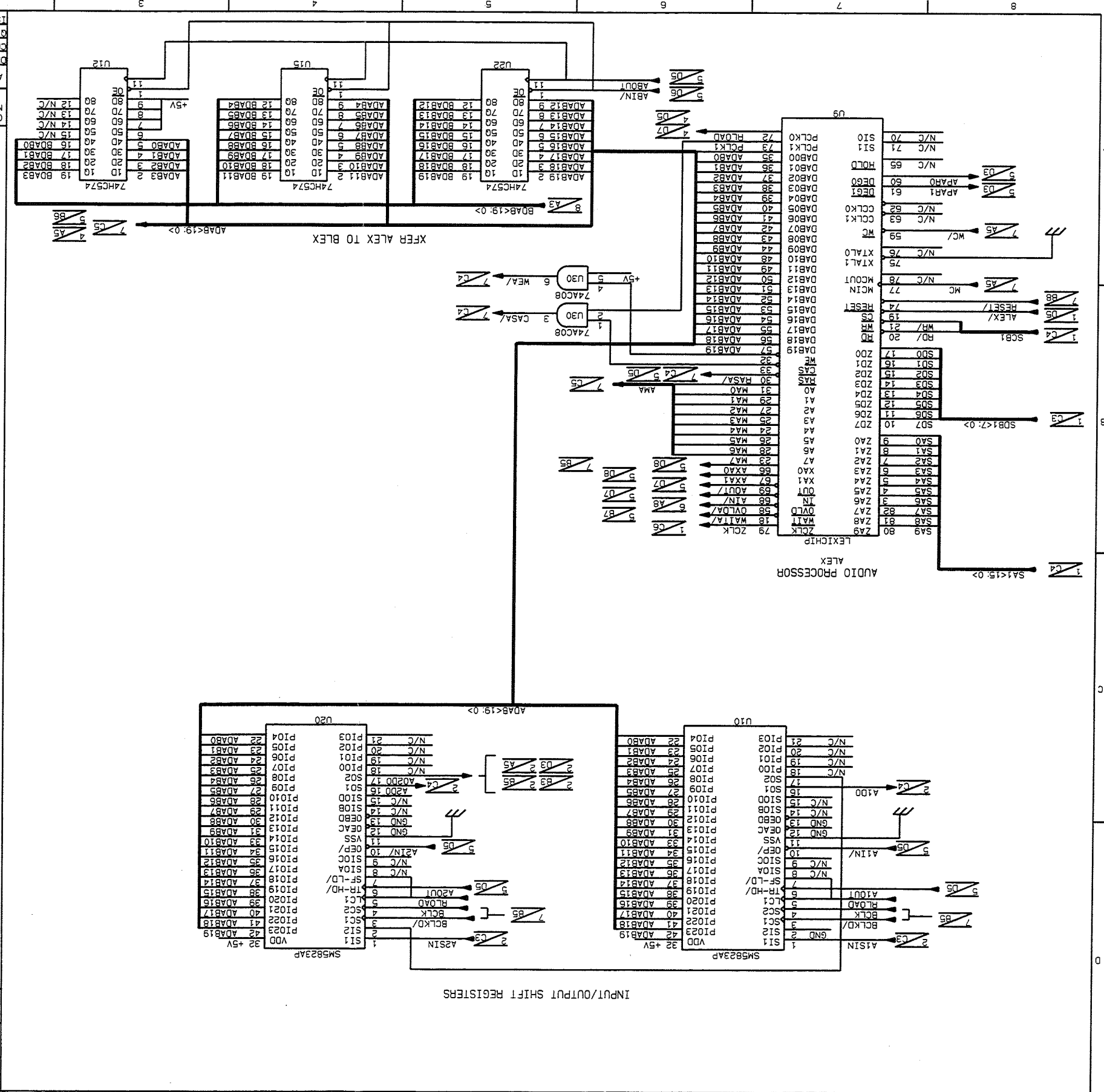


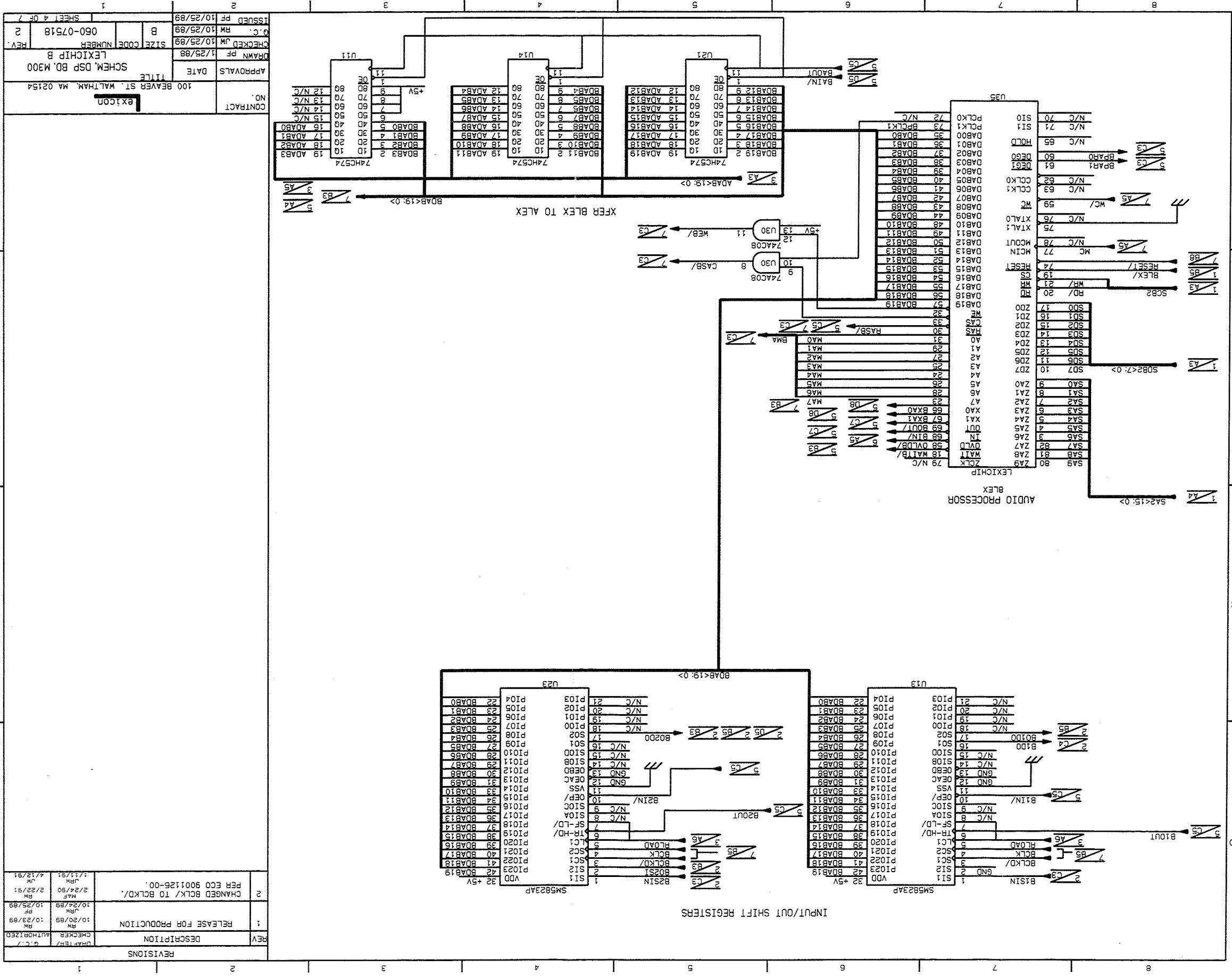


REV		DESCRIPTION	CHECKER	DATE
1		RELEASE FOR PRODUCTION	JM	10/23/88
2		CHANGED BCLK/ TO BCLKD/	JM	12/24/90
		PER ECO 901126-00.	JM	1/11/91
			JM	4/12/91

REV		DESCRIPTION	CHECKER	DATE
1		RELEASE FOR PRODUCTION	JM	10/23/88
2		CHANGED BCLK/ TO BCLKD/	JM	12/24/90
		PER ECO 901126-00.	JM	1/11/91
			JM	4/12/91

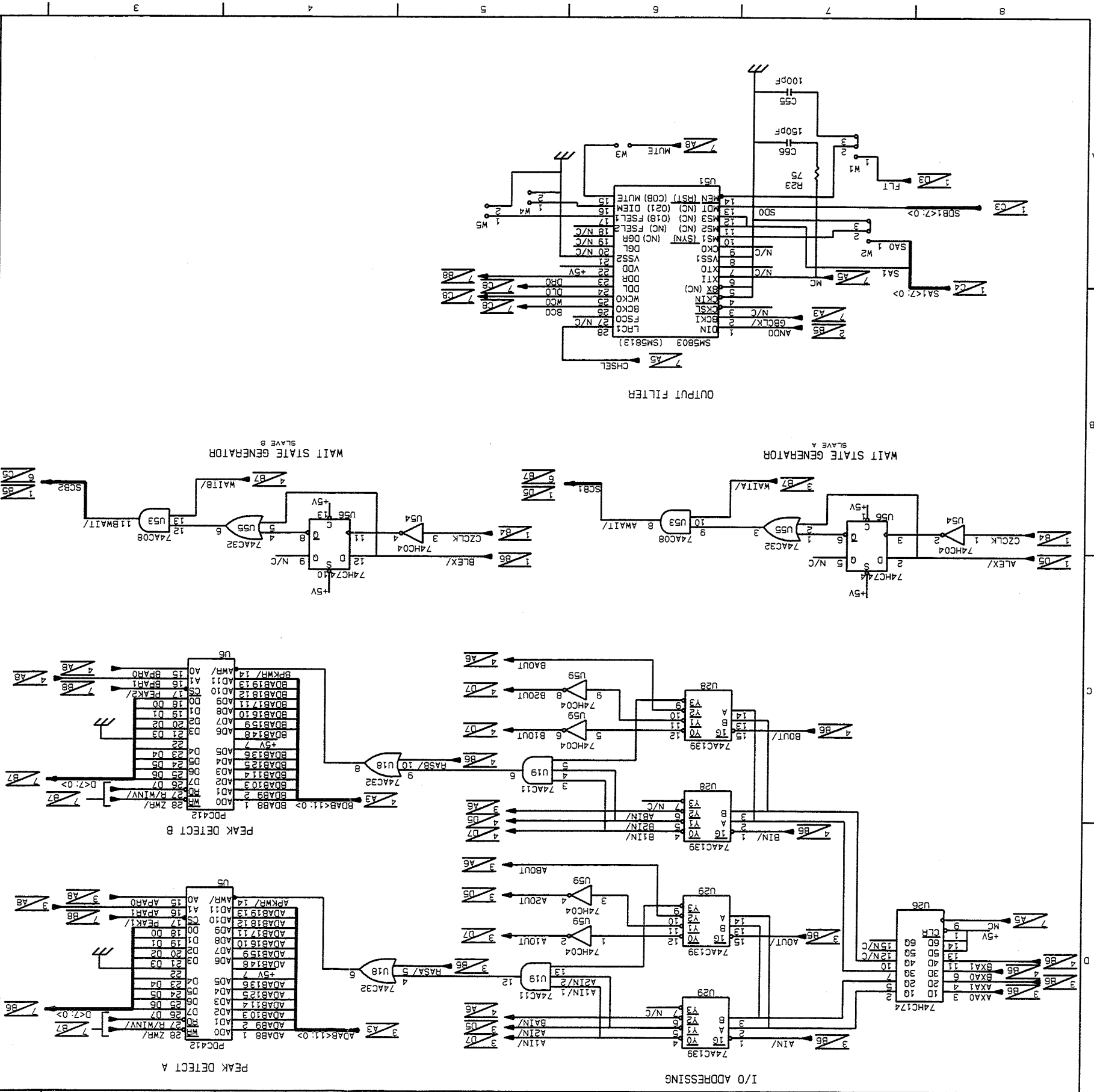
REV		DESCRIPTION	CHECKER	DATE
1		RELEASE FOR PRODUCTION	JM	10/23/88
2		CHANGED BCLK/ TO BCLKD/	JM	12/24/90
		PER ECO 901126-00.	JM	1/11/91
			JM	4/12/91



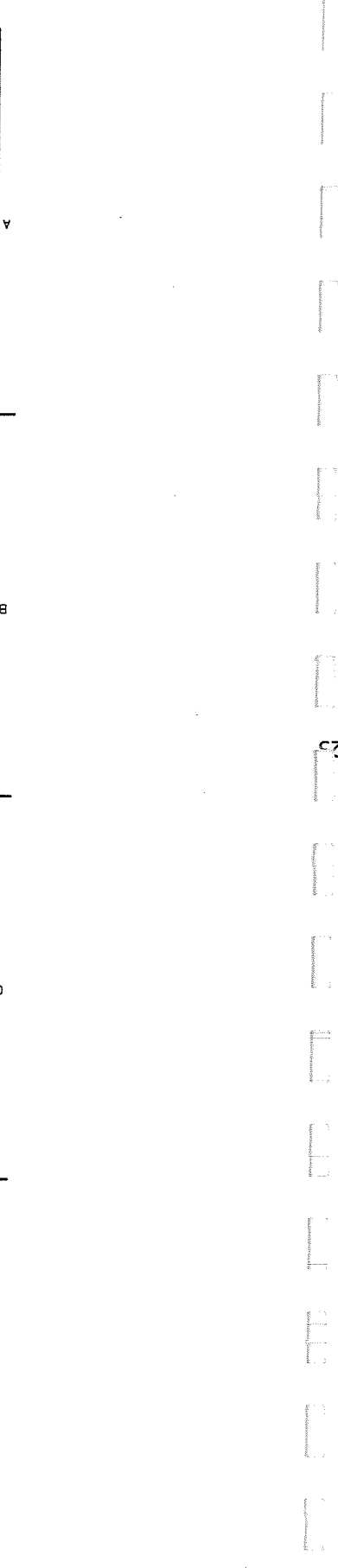
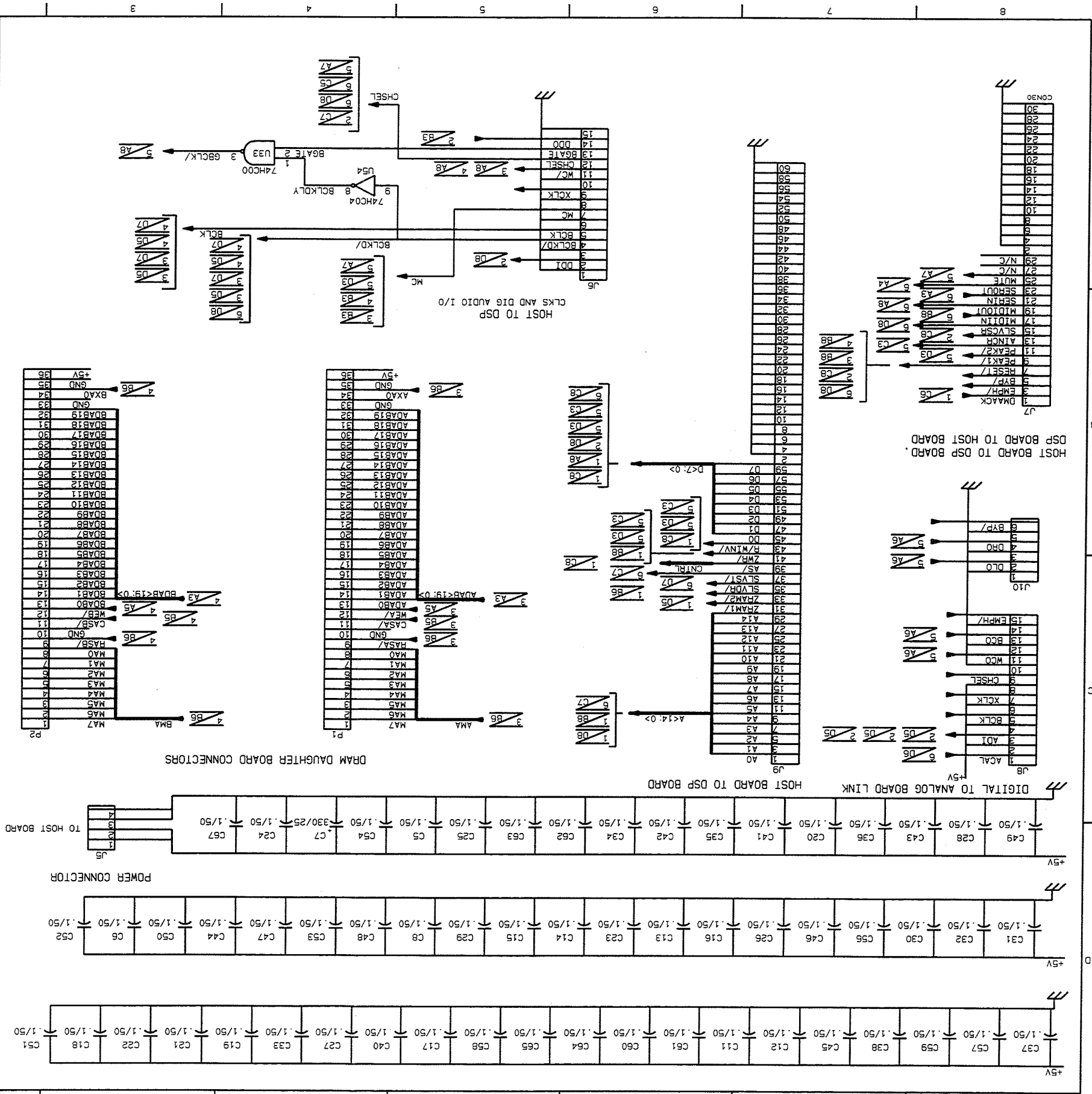
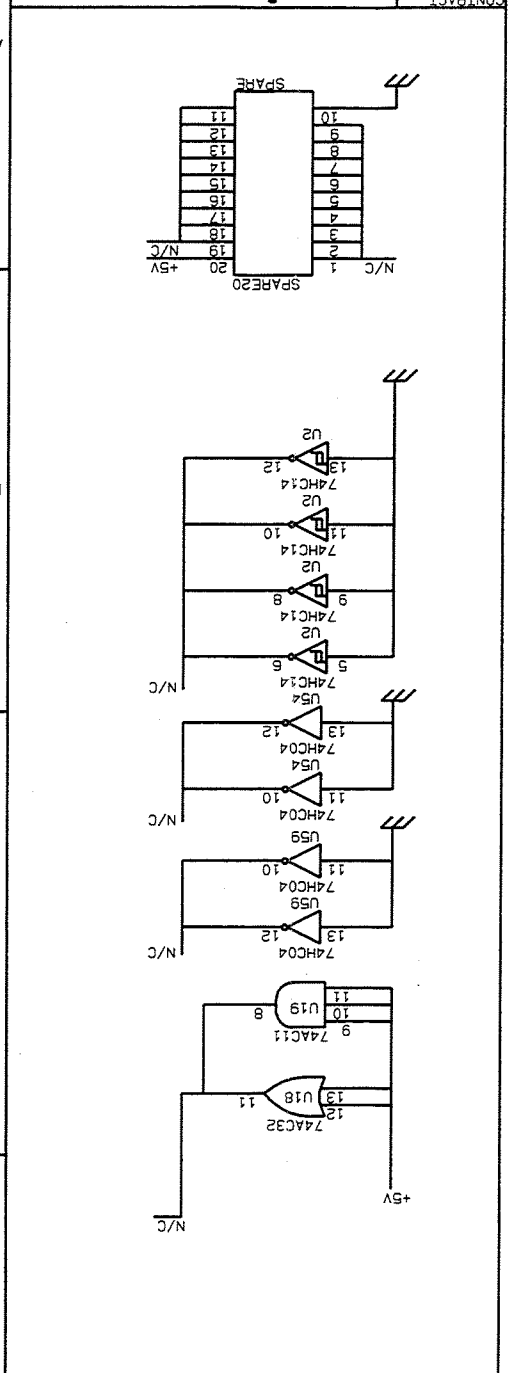


REVISIONS			
REV	DESCRIPTION	CHECKER	DATE
1	RELEASE FOR PRODUCTION	RM	10/23/89
2	CHANGED BCLK/ TO BCLKD/	RM	2/22/91
PER ECO 900126-00.			
2			
REV.			
C.C./			
AUTORIZED			
1			
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100			

REV		DESCRIPTION	DATE	BY	CHKD	APP'D
1	RELEASE FOR PRODUCTION	10/25/89	RM			
2	CHANGE PER ECO #91117-02.	12/12/89	JRM			
3	CHANGE PER ECO # 900117-01-A	4/24/90	JRM			
4	CHANGE PER ECO # 900117-01 AND CHANGED ZCLK TO CZCLK	5/10/90	RM			
	ON US4	5/23/90	JRM			
REVISIONS						
O.C./		CHECKER	DATE	BY	CHKD	APP'D
10/25/89		RM	10/25/89			
10/23/89		JRM	12/12/89			
4/24/90		JRM	4/24/90			
5/15/90		RM	5/10/90			
6/4/90		RM	5/23/90			
6/5/90		JRM				
NOTES						
W1: POSITION 1 (1-2) FOR 5803 (MODE SET ENABLE) W2: POSITION 2 (2-3) FOR 5813 (RESET) W3: POSITION 1 (1-2) FOR 5803 (MODE SET 1) W4: INSTALL FOR 5803 MUTE ACTIVE HIGH. OPEN FOR 5813. (INTERNAL PULL-UP) W5: INSTALL FOR 5803 MUTE ACTIVE HIGH. OPEN FOR 5813. (INTERNAL PULL-UP) W6: INSTALL FOR 5803 MUTE ACTIVE HIGH. OPEN FOR 5813. (INTERNAL PULL-UP) W7: INSTALL FOR 5803 MUTE ACTIVE HIGH. OPEN FOR 5813. (INTERNAL PULL-UP)						
CONTRACT						
NO.			DATE	BY	CHKD	APP'D
100 BEAVER ST. WALTHAM, MA 02154			10/25/89			
EX300			10/23/89			
SCHEM. DSP BD, M300			10/23/89			
DSP IO			10/23/89			
REV.			10/23/89			
060-07518			10/24/89			
SHEET 5 OF 7						



REV		DESCRIPTION		DATE		BY	
1	RELEASE FOR PRODUCTION	RM	10/23/89	RM	10/23/89	RM	10/23/89
2	CHANGE PER ECO #891117-02	RM	12/12/89	RM	12/12/89	RM	12/12/89
3	CHANGE PER ECO #900117-01	RM	5/16/90	RM	5/16/90	RM	5/16/90
REVISIONS		CHECKED		DATE		BY	
		U.C./					
		APPROVALS		DATE			
		DATE		1/25/89			
		DRAWN		1/25/89			
		CHECKED		10/23/89			
		U.C./					
		ISSUED		10/24/89			
		U.C./					
		SHEET 7 OF 7					



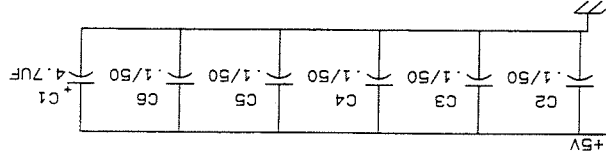
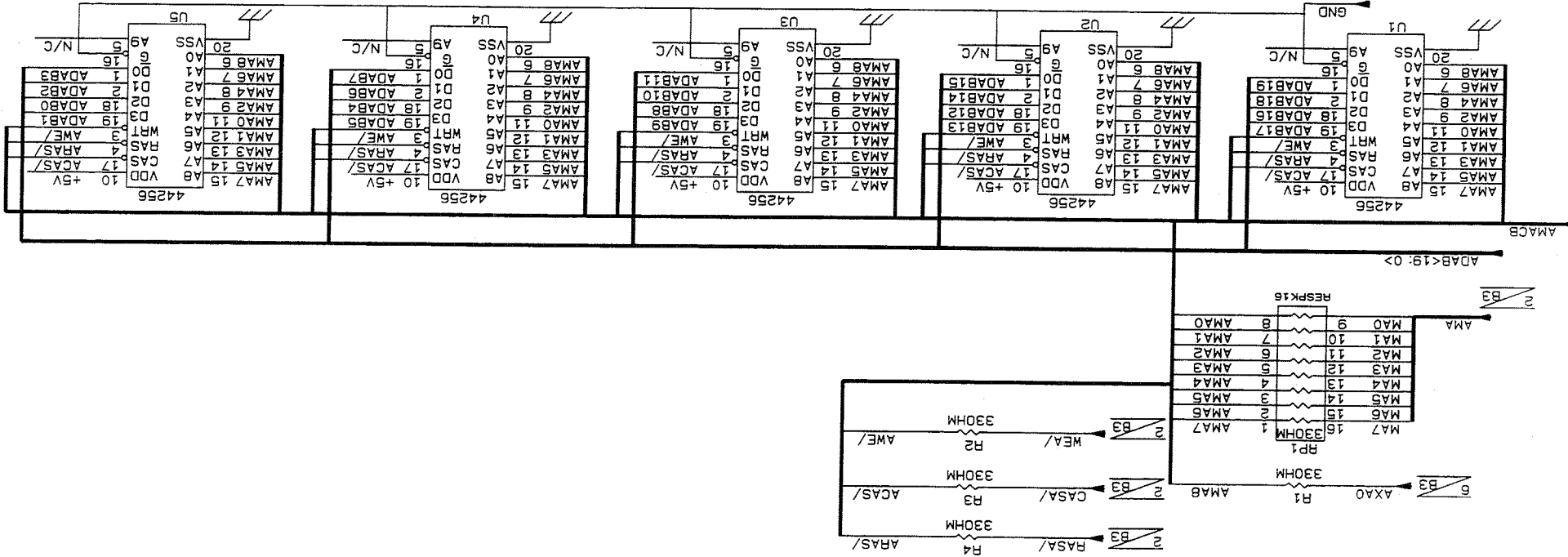
REV.		DESCRIPTION	DRAWN/CHECKER	D.C./AUTH.
0	RELEASE FOR PRODUCTION	JY 97189	02/28/89	02/28/89
REVISIONS				
NOTES				
1. REFER TO LEXICON BOM NO. 023-07591. 2. ALL COMPONENTS TO BE INSTALLED FROM COMPONENT SIDE OF P.C.B. EXCEPT CONNECTOR 510-07525. 3. MASKING FOR POST-SOLDER ASSEMBLY IS INDICATED BY SOLID AREAS 4. COMPONENT HEIGHT .450" MAXIMUM 5. LEAD PROTRUSIONS .080" MAXIMUM FROM CIRCUIT SIDE OF P.C.B.				
CONTRACT NO.				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES AND DECIMALS ANGLES FRACTIONS MATERIAL DRAWN J.V. CHECKED DATE 9/17/89 SIZE FROM NO. 080-07586 DWG. NO. 080-07586 SHEET 1 OF 1				
APPLICATION NEXT ASSY USED ON 710-07581 DO NOT SCALE DRAWING				

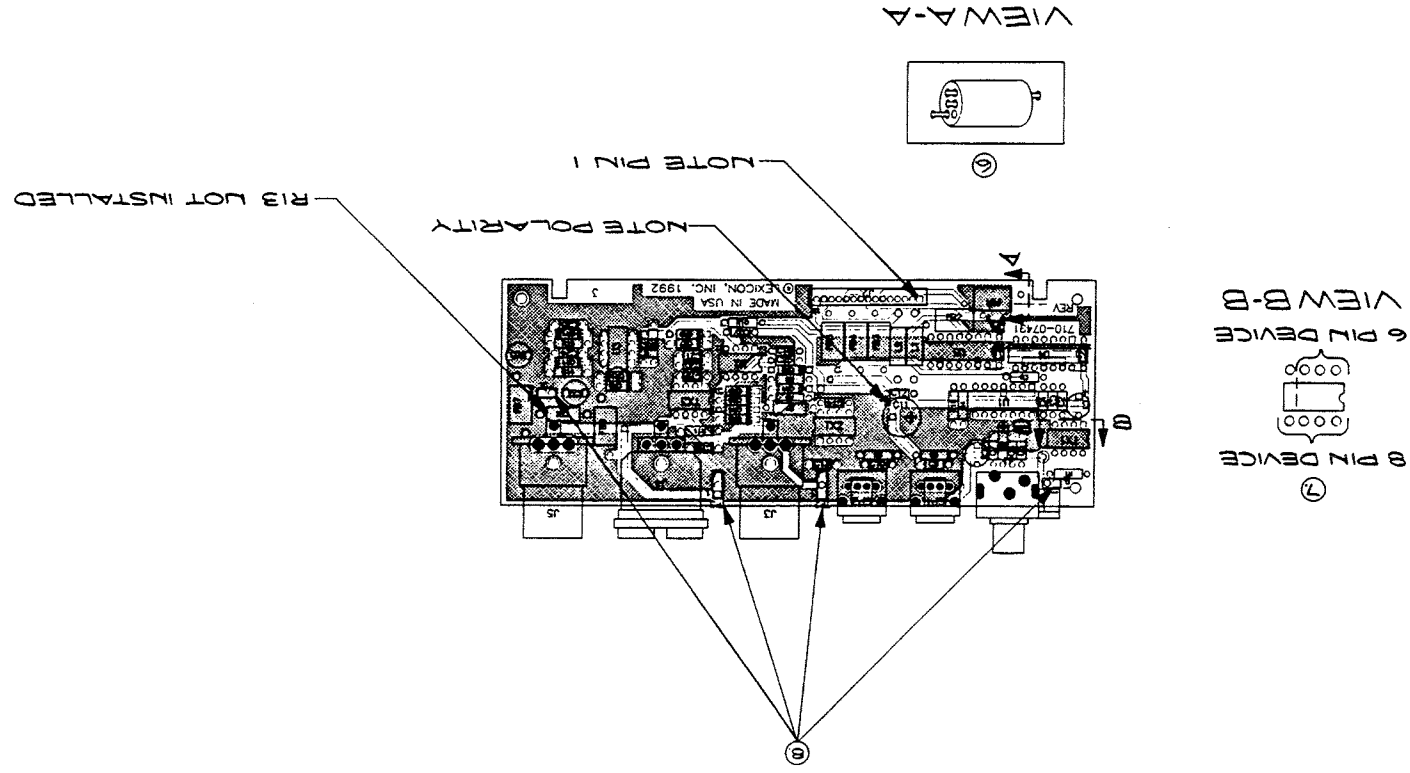


REVISIONS	
REV	DESCRIPTION
1	RELEASE FOR PRODUCTION
DRAFTER/	CHECKER/
DATE	DATE

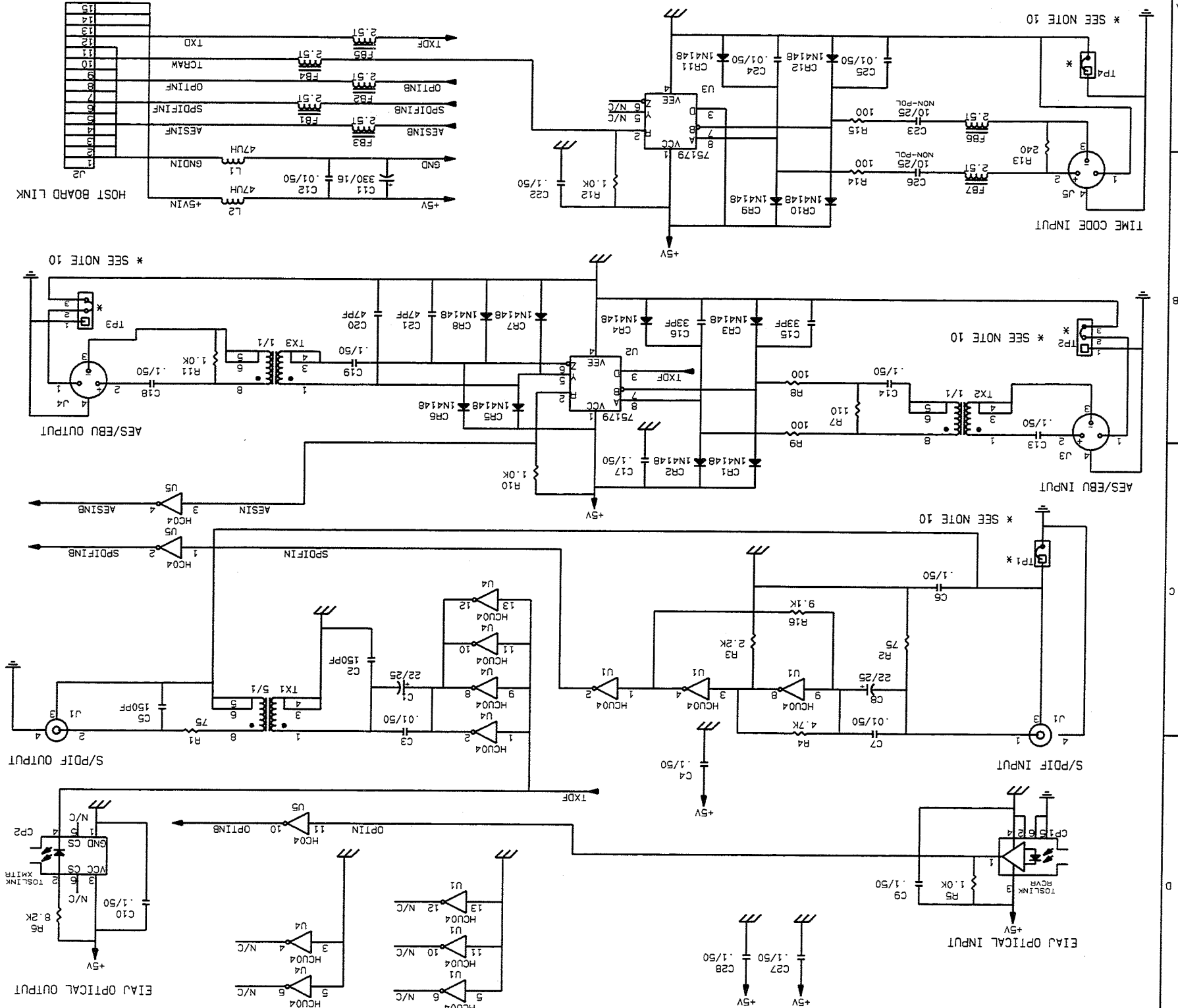
NOTES	
1.	UNLESS OTHERWISE INDICATED, RESISTORS ARE 5% 1/4W.
2.	UNLESS OTHERWISE INDICATED, CAPACITORS ARE 5% 1/4W.
3.	UNLESS OTHERWISE INDICATED, DIODES ARE 1N4148.
4.	ANALOG $\triangle$ DIGITAL $\square$ CHASSIS $\equiv$ GROUND $\equiv$ PWR GND
5.	Δ DENOTES SHEET NUMBER AND INTERSECT COORDINATE.
6.	$\circ$ ON BOARD CONNECTION-TO SOLDER CONNECTION
7.	REFERENCE DESIGNATORS, LAST USED: U5, C6, R4, RP1

CONTRACT NO.		100 BEAVER ST. WALTHAM, MA 02154	
APPROVALS	DATE	TITLE	SCHWM, DRAM BD, M300
DRAWN PF	10/28/88	CHECKED	9/18/88
ISSUED	9/18/88	SIZE	D
O.C. #060-07587		SHEET 1 OF 1	

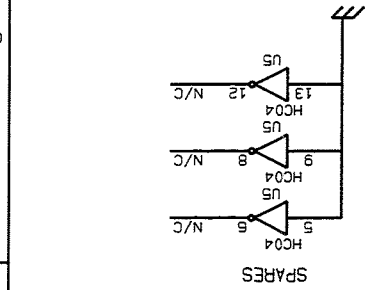


[illegible]

REV	DESCRIPTION	DRAWN/ CHECKER	D/C/ AUTH.
0	RELEASE FOR PRODUCTION	PF 10/10/85 LF 10/16/91	PF 10/10/85 LF 10/16/91
1	CORRECT L1 & L2 NOMENCLATURE ERROR: ADD R13 NODE: ADD R13 NODE: ADD NOTE & PER ECO 910315-01:	JK 4/1/91	- MK 2/15/91 - MK 10/1/91
2	CHANGED FOR REV 3 BOARD PER ECO 911205-00:	JV 11/17/92	JV 11/17/92 CLO 12/12/92 CLO 12/12/92



REV	DESCRIPTION	CHECKER	DATE/TIME
A	RELEASE FOR PROTOTYPE	MM	10/25/89
B	REVISE FOR PRODUCTION	MM	10/25/89
1	RELEASE FOR PRODUCTION	MM	10/25/89
2	ECO 911205-00 CHANGE R4 AND ADD R16 PER	MM	10/25/89
3	REVISE TO ADD U4 PER ECO C28 AND CHANGE C41 PER ECO	MM	11/22/92
4	CHANGE R7 TO 10 OHMS PER ECO 940411-00.	MM	11/22/92



1. UNLESS OTHERWISE INDICATED, RESISTORS ARE 5% 1/4W.
2. UNLESS OTHERWISE INDICATED, CAPACITORS ARE 50V.
3. UNLESS OTHERWISE INDICATED, DIODES ARE 1N4148.
4. ANALOG DIGITAL CHASSIS GROUND PWR GND
5. 1/2" DENOTES SHEET NUMBER AND INTERSECT COORDINATE.
6. ON BOARD CONNECTION-TO ON BOARD CONNECTION-FROM SOLDER CONNECTION
7. REFERENCE DESIGNATORS, LAST USED.
8. PCB CPT CR12 FB7 J5 L2 R16 TPA TX3 US
9. R13 OPTIONAL.
10. FACTORY DEFAULT SETTINGS FOR TPA1 TPA2 TPA4 ARE SHOWN.

	APPROVALS	DATE	TITLE	SCHEME AES 80, M300 INTERFACE	SIZE	B	REV.	SHEET 3 OF 4	
		2/28/99			CHECKED JRM	10/19/95			
					WM	10/25/95			
					ISSUED PF	10/26/99			

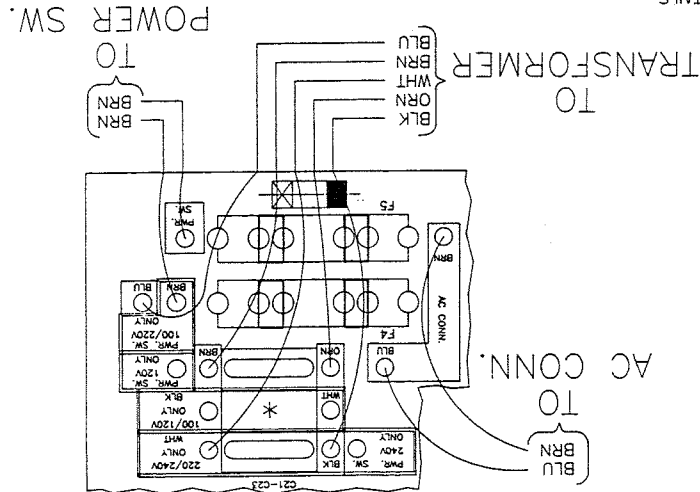
REV	DESCRIPTION	DRAWN/CHECKER	DWG. NO.	DATE
1	REV FOR 230V REE	AN 2/22/95	080-10811	11/11/95
2	ADD M300 BOM RES. ADD MASKING FOR FUSES F4FS	AN 5/12/95	080-10811	5/15/95

VOLTAGE DETAILS

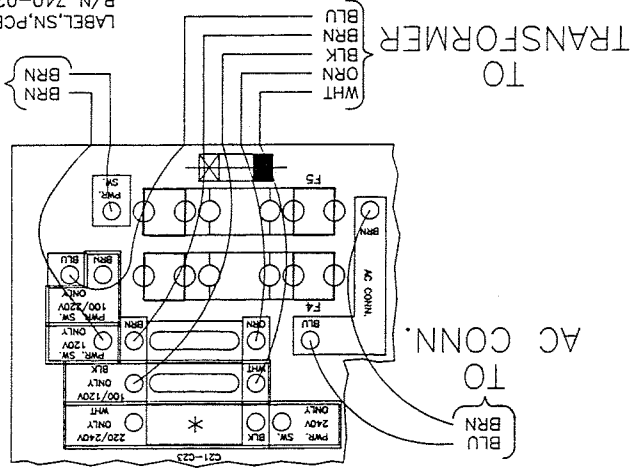
* = NOT INSTALLED

220V AC OPTION

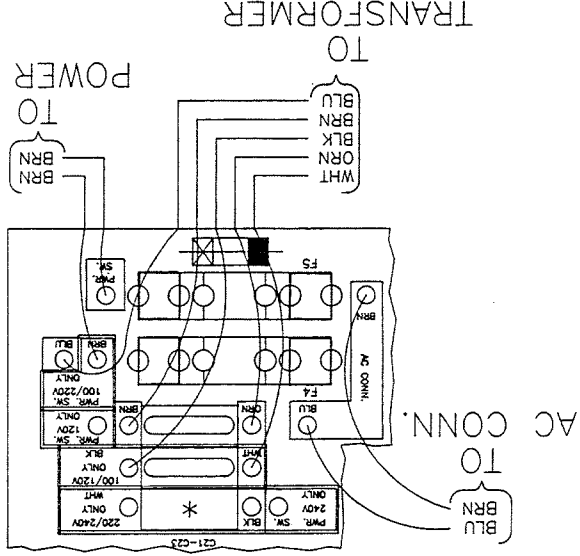
(REFERENCE ONLY - NOT USED)



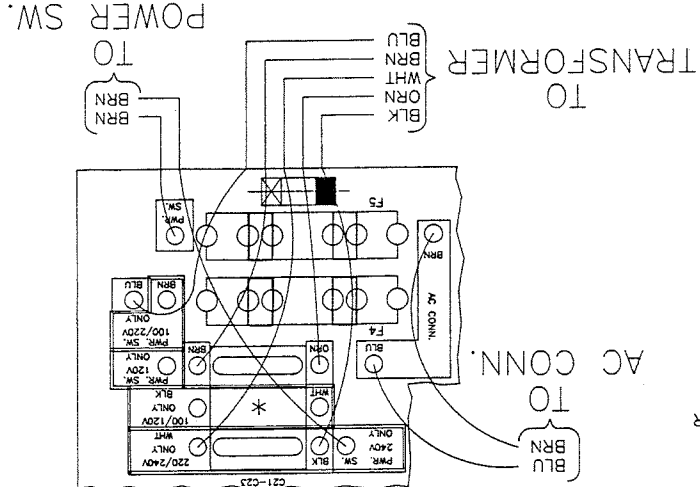
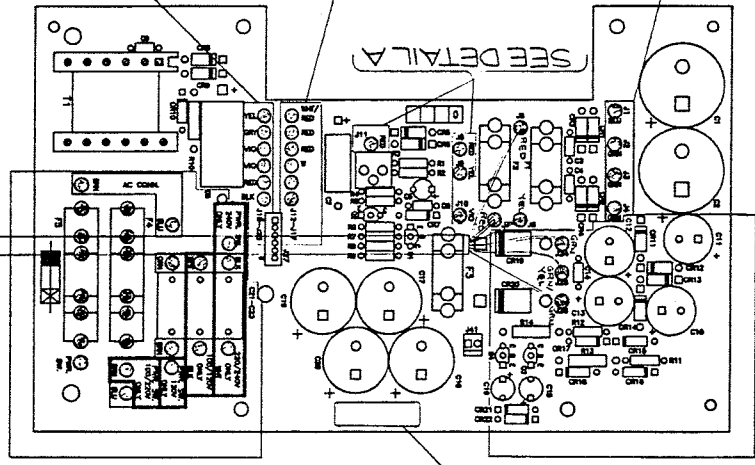
120V AC OPTION



100V AC OPTION



TRANSFORMER SECONDARY WIRING



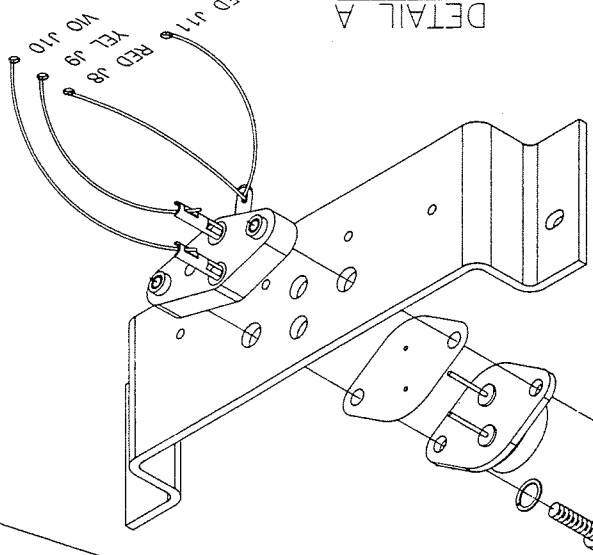
CABLE ASSY, 6C, 18G, 15", STT/HSG
P/N 680-07761

CABLE ASSY, 6C, 18G, 8", ST&T/HSG
P/N 680-07760

CABLE ASSY, 4C, 18G, 13", ST&T/HSG
P/N 680-07759

TORQUE 6-8 IN/LBS.

DETAIL A



NOTES

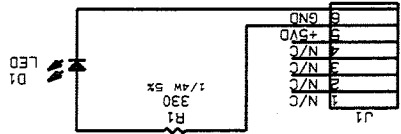
1. ALL COMPONENTS TO BE INSTALLED FROM COMPONENT SIDE OF PCB.
2. MASKING FOR POST-SOLDER ASSEMBLY IS INDICATED BY SOLID AREAS.
3. COMPONENT HEIGHT 2.000" MAXIMUM, 1.2" IN DETAILED AREA.
4. LEAD PROTRUSIONS .100" MAXIMUM FROM CIRCUIT SIDE OF PCB.
5. REFER TO LEXICON BOM #S: 023-10791, 023-10792, 023-10793, FOR M300L, OR 023-11115, 023-11116, 023-11117 FOR M300.
6. PACKAGE COMPLETED ASSEMBLY IN A STATIC SHIELDING BAG TO PREVENT ESD DAMAGE DURING SHIPMENT.

lexicon

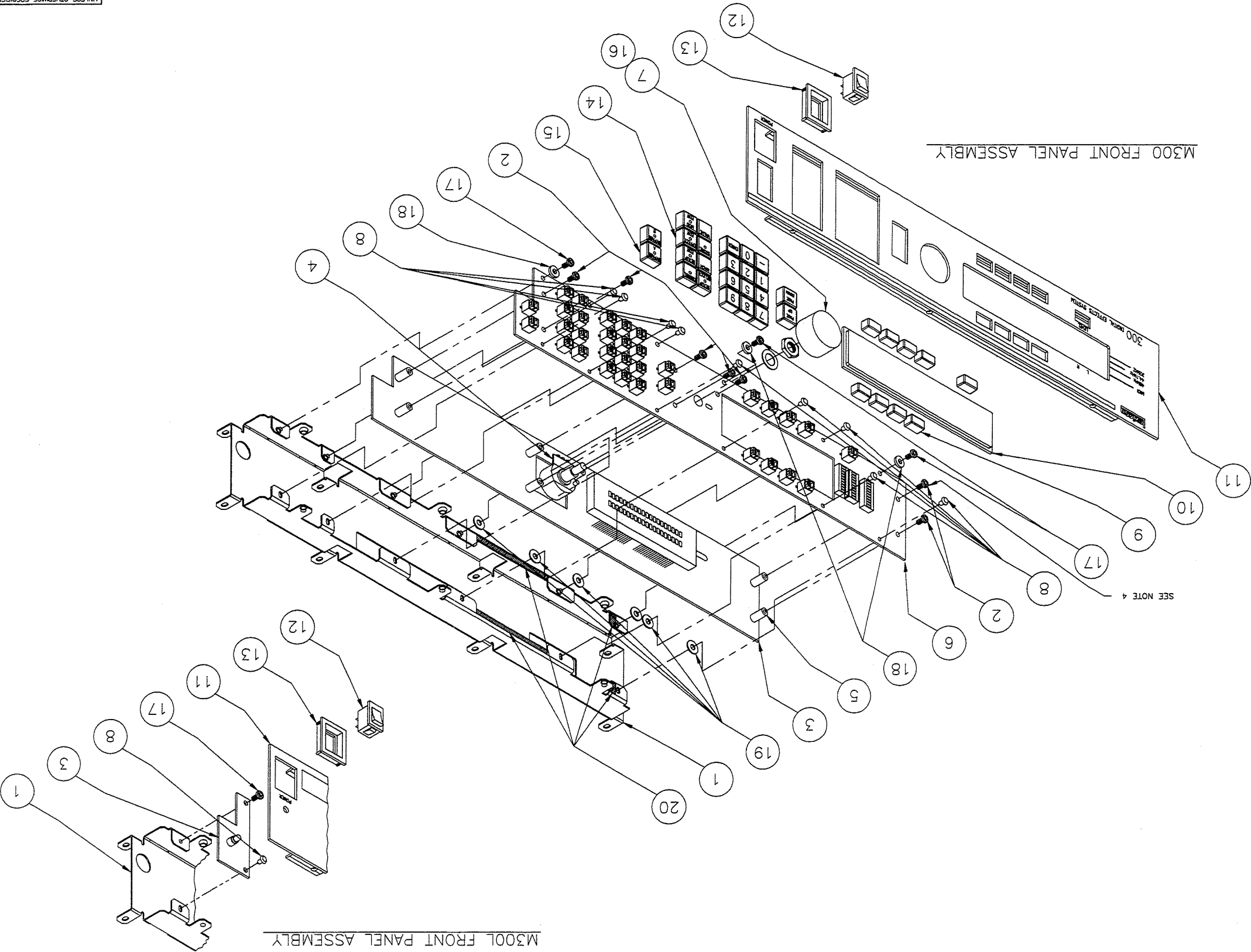
PC BD, PS, M300L
ASSEMBLY DRAWING

REV	DATE	APPROVALS	SIZE	SCALE	SHEET
2	11/11/95	JV	11/11/95	1:1	1 OF 1
1	11/11/95	JV	11/11/95	1:1	1 OF 1

REV		DESCRIPTION		DATE/	CHECKER	AUTHORIZED	
REVISIONS							
D							
C							
B							
A							
1. ANALOG GROUND CHASSIS							
2. DENOTES SHEET NUMBER AND							
3. ON BOARD CONNECTION-TO							
ON BOARD CONNECTION							
SOLDER CONNECTION							
100 BEAVER ST. WALTHAM, MA 02154							
CONTRACT NO.							
APPROVALS DATE							
DRAWN CM 8/8/94							
CHECKED DMS 8/8/94							
Q.C. RMH 8/8/94							
ISSUED DMS 8/8/94							
REV		SIZE CODE NUMBER		REV		REV	
0		060-10684		0		0	
1		SHEET 1 OF 1		1		1	

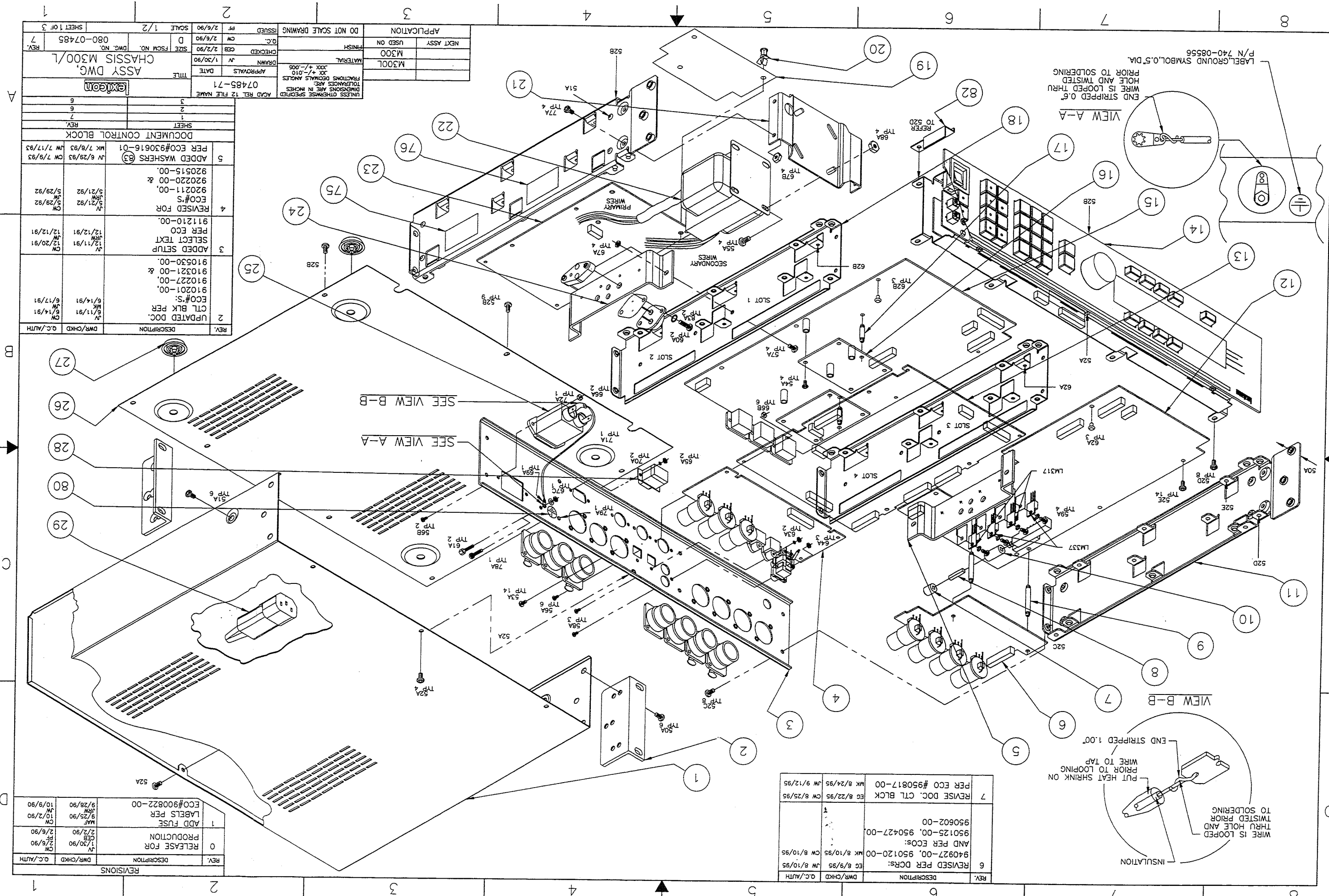


M300 FRONT PANEL ASSEMBLY



APPLICATION		DO NOT SCALE DRAWING	
NEXT ASSY	USED ON	ISSUED	PF 2/6/90
M300	M300L	Q.C.	CM 2/6/90
FINISH		CHECKED	CEB 2/2/90
MATERIAL		DRAWN	LDR 4/20/89
TOLERANCES ARE: DIMENSIONS ARE IN INCHES FRACTIONS DECIMALS ANGLES XX +/- .010 XXX +/- .005		APPROVALS	DATE
UNLESS OTHERWISE SPECIFIED		07486-31	
ACAD REL 12 FILE NAME		TITLE	
EXTCON		FP, MECH, M300	
DWG. NO.		REV.	
080-07486		3	
SHEET 1 OF 2		SCALE 1/2	

REVISIONS		DOCUMENT CONTROL BLOCK	
REV.	DESCRIPTION	SHEET	REVISION
0	RELEASE FOR PRODUCTION	1	
1	REVISED PER ECO #S 900327-01-A, 900705-00-A AND 910201-00. UPDATED DOC. CTL BLK AND FRONT PANEL GRAPHICS.	2	
2	CHANGED BUTTON "RUN" TO "SETUP" AND "UPDATE DOC. CTL BLK PER ECO #911210-00.	3	
3	ADDED M300L FRONT PANEL DETAIL, AND CHANGED SHEET 2 PER DCR#940927-00: REMOVED WASHER FROM M300L DETAIL PER DCR#941014-00: UPDATED DOC CTL BLK	4	
NOTES		1. PART NUMBER LISTING IS REFERENCE ONLY AND DOES NOT SUPERSEDE THE BILL OF MATERIAL.	
2. FOR ASSEMBLY NOTES REFER TO DOCUMENT #080-07594.		3. FOR UNITS WITH FRONT PANEL ASSEMBLIES BUILT WITH REV. 1, 2, 3 FP PROC BDS #025-07422 AND REV. 1, 2 FP SWITCH BDS #025-07426: USE ITEMS 1A, 4A, 7A IN PLACE OF ITEMS 1, 4, 7 AND ADD ITEMS 19, 20.	
4. FOR UNITS WITH FRONT PANEL ASSEMBLIES BUILT WITH REV. 3 FP PROC BDS #025-07422 AND REV. 2 FP SWITCH BDS #025-07426: (1) 640-01710 SCRW, 6-32X 1/4, PNH, PH, ZN WILL BE MISSING FROM LOWER LEFT SIDE OF FP SWITCH PC BD.			



APPLICATION		DO NOT SCALE DRAWING
NEXT ASSY	USED ON	
M300		
MATERIAL		UNLESS OTHERWISE SPECIFIED
XXX +/- .005		FRACTIONS DECIMALS ANGLES
XX +/- .010		DIMENSIONS ARE IN INCHES
CHECKED		
CW	2/6/90	
ISSUED	2/6/90	
PF	2/6/90	
SCALE	1/2	
SHEET	1 OF 3	
REV.	7	
080-07485		

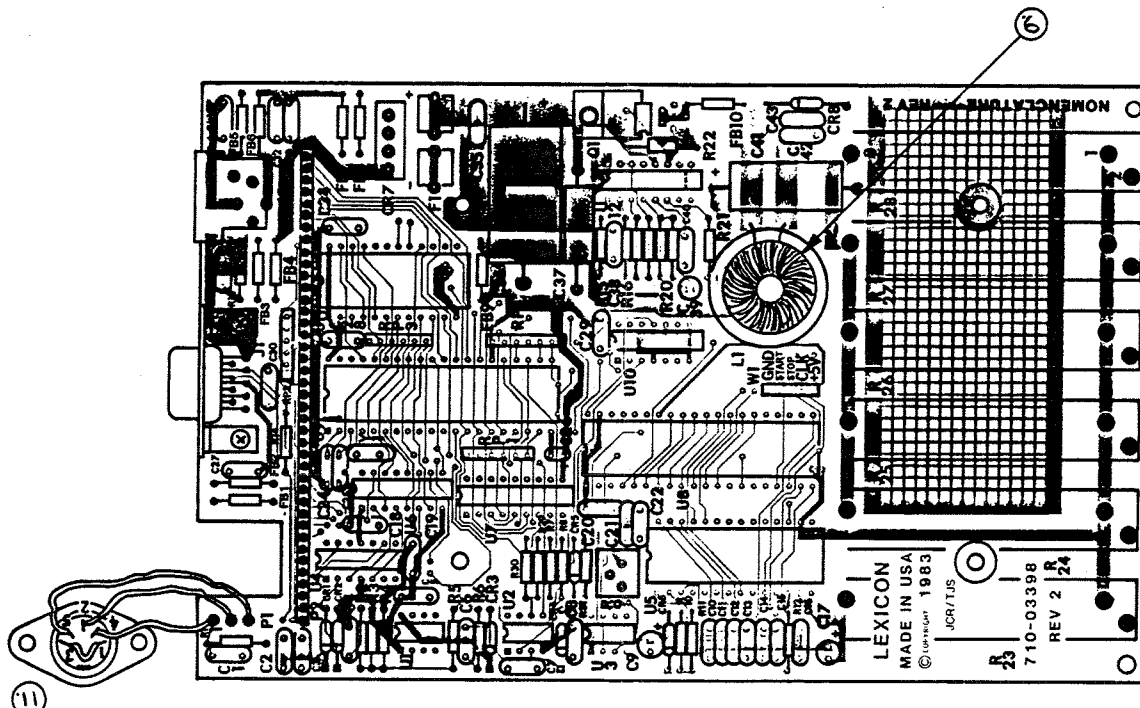
TITLE		ASSY DWG.
CHASSIS M300/L		
ACAD REL. 12 FILE NAME		07485-71
SHEET		1
REV.		7
DOCUMENT CONTROL BLOCK		
REV.	DESCRIPTION	DATE
2	UPDATED DOC. CTL BLK PER ECO#S: 910201-00, 910227-00, 910321-00 & 910530-00.	6/14/91
3	ADDED SETUP SELECT TEXT PER ECO 911210-00.	12/12/91
4	REVISED FOR ECO#S: 920211-00 & 920220-00.	5/29/92
5	ADDED WASHERS PER ECO#930616-01	6/29/93

REV.		DESCRIPTION	DATE
0	RELEASE FOR PRODUCTION	1/30/90	2/6/90
1	ADD FUSE LABELS PER ECO#900822-00	9/25/90	10/2/90

REV.	DESCRIPTION	DATE
6	REVISED PER DCRS: 940927-00, 950120-00 AND PER ECOS: 950125-00, 950427-00	8/8/95
7	REVISE DOC. CTL BLK PER ECO #950817-00	8/24/95

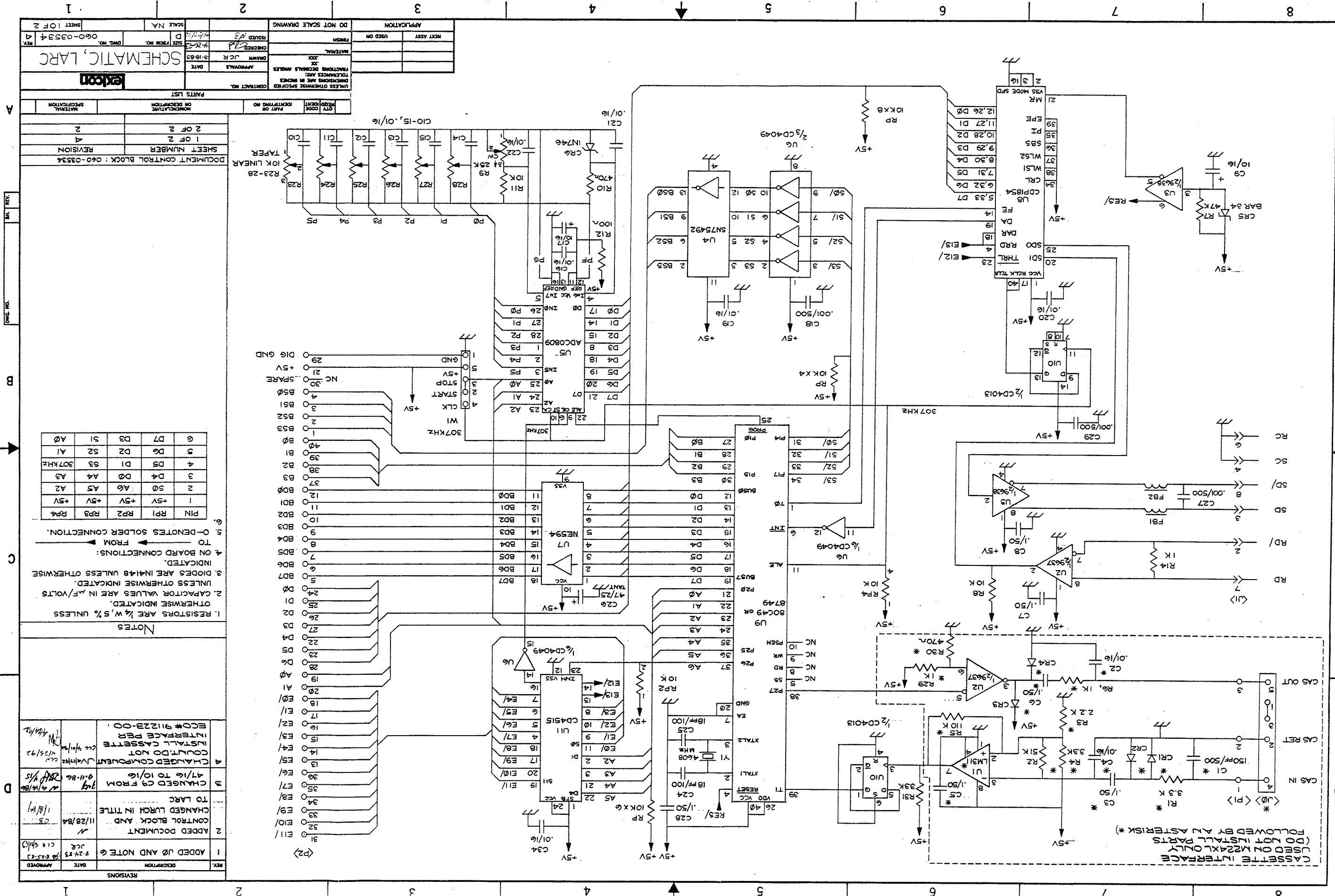
PARTS LIST		(SEE NOTE #1)		DESCRIPTION		QTY		UNITS		WHERE USED	
ITEM #	COMPONENT #										
1.	700-08109	COVER, TOP, 2UX13.51		EA		1.00					
2.	701-07756	BRACKET, MTG, RACK, 2U, M300		EA		2.00					
3.	702-07730	PANEL, REAR, M300		EA		1.00					
4.	023-07505	PLAES INTERFACE BD ASSY		EA		1.00					
5.	024-07808	PLHS ASSY, ANALOG BD, M300		EA		1.00					
6.	023-07522	PLANLG I/O BD ASSY, M300		EA		1.00					
7.	550-03827	BUTTON, 346RD, BLK		EA		1.00					
8.	720-06893	ROD, 1/8SQX5/8L, ACRYLIC		EA		1.00					
9.	630-07550	SPCR, SNAP-IN, 1.8DIA X 1.125L, NYL		EA		2.00					
10.	630-07716	SPCR, #8CLX2.000, 1/4RD, PH		EA		1.00					
11.	701-08112	SUPPORT, SIDE, 2UX13.43		EA		2.00					
12.	023-07410	PLANALOG BD ASSY, M300		EA		1.00					
13.	023-07406	PL, HOST BD ASSY, M300		EA		1.00					
14.	023-07419	PL, FP ASSY, M300		EA		1.00					
15.	023-10667	PL, FP ASSY, M300		EA		1.00					
		M300 ONLY		EA		1.00					
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REV.	DESCRIPTION	DWR/CHKD	QC/AUTH
0	RELEASE FOR PRODUCTION	JV 12/26/90 PCB 2/26/90 CA	JV 10/2/90 JRV 9/26/90 MAF 5/26/90 CA
1	REVISE LABELS PER ECD'S #900416-01-A AND 900822-00.	JV 6/11/91 MK 6/12/91 CA	JV 6/11/91 JRV 6/12/91 CA
2	UPDATED FRONT PANEL GRAPHICS	JV 6/11/91 MK 6/12/91 CA	JV 6/11/91 JRV 6/12/91 CA
3	ADDED SELECT PER ECD'S 911210-00.	JV 12/11/91 JRV 12/12/91 CA	JV 12/11/91 JRV 12/12/91 CA
4	ADD TUV LABEL PLACEMENT PER ECD'S 920211-00, 920220-00 & 920515-00.	JV 5/21/92 JRV 5/21/92 CA	JV 5/21/92 JRV 5/21/92 CA
5	ADD (B4) PER ECD 950602-00	JV 8/10/95 MK 8/10/95 CA	JV 8/10/95 JRV 8/10/95 CA
6	ADD CLA & TUV TO M300L PER ECD #950817-00	JV 8/22/95 MK 8/24/95 CA	JV 8/22/95 JRV 8/24/95 CA

[illegible]

REV.	DESCRIPTION	DATE	APPROVED
1	REDRAWN TO CONFORM TO REV 2 BOARDS.	11/1/83	 J. G. Smith 3-5-84
2	REVISE DIN COLN NOTES; REUMBER NOTES ⑨ THROUGH ⑪ PER ECO # 91123-00	J411792 C/C 4/20/82	 J. G. Smith 4/24/82

1. REFER TO BOM NO 026-03369 AND 025-03370.
2. SOCKET ALL IC POSITIONS.
3. SOLDER MASK HOLES ARE INDICATED BY SOLID CIRCLES. ●
4. SOLDER TAIL PROTRUSION .080" MAXIMUM.
5. FLEX CONNECTOR P2 TO BE INSERTED FROM CIRCUIT SIDE AND SOLDERED FROM COMPONENT SIDE.
6. FIBER WASHERS (QTY 2) P/N 630-03544 TO BE ATTACHED TO CIRCUIT SIDE OF PCB WITH GOODYEAR PLIOBOND. THIS IS TO BE DONE BEFORE THE INSTALLATION OF R23-R28.
7. FIBER WASHERS (QTY 2) P/N 630-00553 TO BE ATTACHED TO COMPONENT SIDE OF PCB WITH GOODYEAR PLIOBOND.
8. R23-R28 TO BE MOUNTED ON CIRCUIT SIDE AND SOLDERED FROM COMPONENT SIDE.
9. APPLY A DAB OF SILICONE RUBBER UNDER LI AND PRESS FLUSH TO PCB.
10. APPLY A DAB OF SILICONE RUBBER UNDER CONN, DIN, SFC, 180 DEG P/N 490-00998 HARDWIRED AT J0, IS NOT INSTALLED IN UNITS MANUFACTURED AFTER ECO# 911223-00



A
B
C
D

CASSETTE INTERFACE
(DO NOT INSTALL PARTS
FOLLOWED BY AN ASTERISK *)

