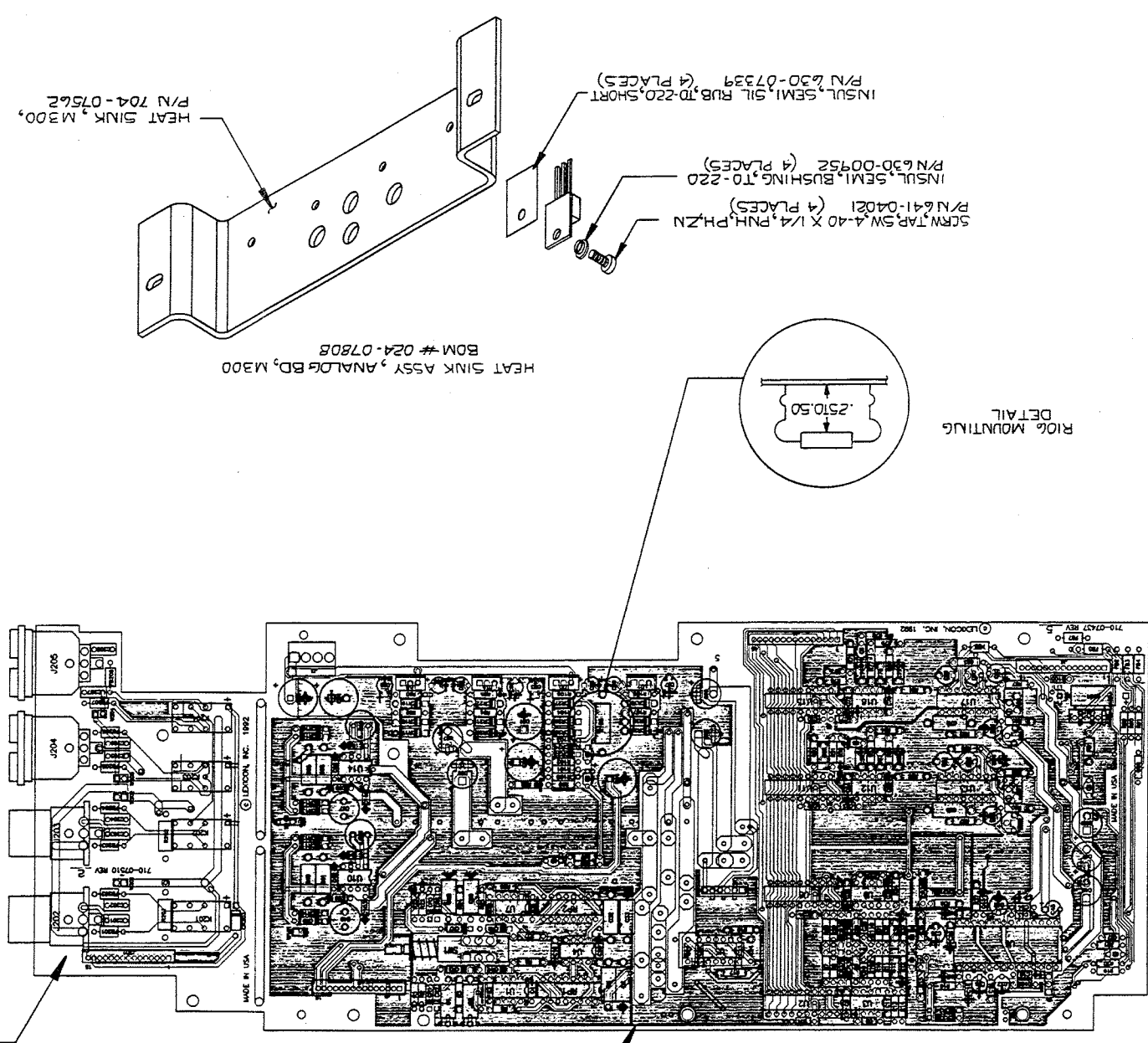


ISSUED		DATE	BY	SCALE	SHEET
DO NO SCALE DRAWING		10/17/89	JV	1:1	1 OF 1
APPLICATION		PC BD, ANALOG, M300			
FINISH	USED ON	ASSEMBLY DRAWING			
710-07510	710-07510	PCB NO. 080-07442			
MATERIAL	710-07437	DRAWN			
UNLESS OTHERWISE SPECIFIED		DATE			
TOLERANCES ARE IN INCHES		APPROVALS			
FUNCTIONS REMAINS UNLESS		DATE			
		CONTRACT NO.			
		Lexicon			



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

REV	DESCRIPTION	DRAWN/CHECKER	DATE
0	RELEASE FOR PRODUCTION	JV	10/17/89
1	REVISE PER ECO 900515-00-A	JV	10/9/90
2	ADDED R106 MOUNTING DETAIL	JV	3/28/91
3	REVISED FOR O/P DAUGHTER BOARD, RETRO FIT PER ECO 910410-02.	JV	5/27/91
4	REVISED FOR REV 4 ARTWORK.	JV	5/24/91
5	REVISED FOR REV 5 ARTWORK.	JV	3/30/92

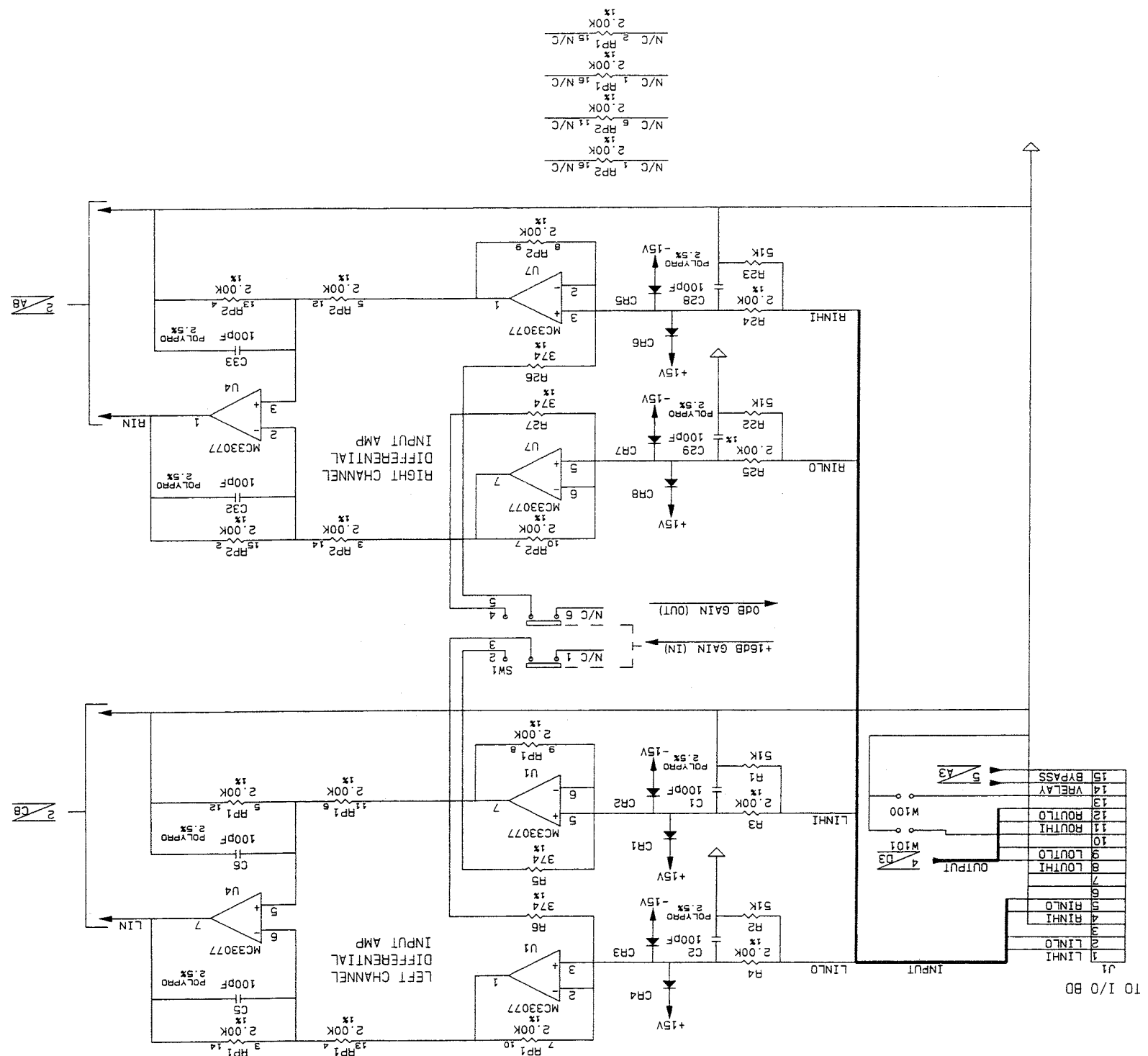
REV	DATE	CHECKER	DESCRIPTION
0	RMH 10/18/89		RELEASE FOR PROTOTYPE
1	RMH 10/19/89		RELEASE FOR PRODUCTION
2	RMH 10/19/89		CHANGED DOC CTL BLOCK PER 10/19/89 12/14/89
3	RMH 10/19/89		CHANGED DOC CTL BLOCK PER 10/19/89 12/14/89
4	RMH 10/21/90		UPDATED DOC CTL BLOCK PER 8/27/90 10/24/90
5	RMH 10/21/90		UPDATED DOC CTL BLOCK PER 8/27/90 10/24/90
6	RMH 10/21/90		CHANGED SHEET 3 & 4 UPDATED DOC. CTL BLK PER ECO#930426-00

NOTES

1. UNLESS OTHERWISE INDICATED, RESISTORS ARE 5% 1/4W.
2. UNLESS OTHERWISE INDICATED, CAPACITORS ARE uF/V.
3. UNLESS OTHERWISE INDICATED, DIODES ARE 1N4148.
4. ANALOG GROUND = CHASSIS GROUND. ANALOG GROUND DENOTES SHEET NUMBER AND INTERSECT COORDINATE.
5. 1/2 DENOTES SHEET NUMBER AND INTERSECT COORDINATE.
6. ON BOARD CONNECTION-TO ON BOARD CONNECTION-FROM
7. REFERENCE DESIGNATORS, LAST USED: C102, CR30, J6, 09, R108, U17. NOT USED: R38, 39, 42-49, 53, 64, 67-74.

DOCUMENT CONTROL BLOCK: #060-07443	SHEET NUMBER	1 OF 5
REVISION NUMBER	2	2

CONTRACT NO.	EXICON	100 BEAVER ST. WALTHAM, MA 02154
TITLE	SCHEM, M300 ANALOG BOARD	
APPROVALS	DATE	10/27/89
DRAWN CP	10/27/89	
CHECKED RS	10/19/89	
REV.	SIZE CODE NUMBER	D
	CHECKED RS	10/20/89
	ISSUED PF	10/23/89
	SHEET 1 OF 5	



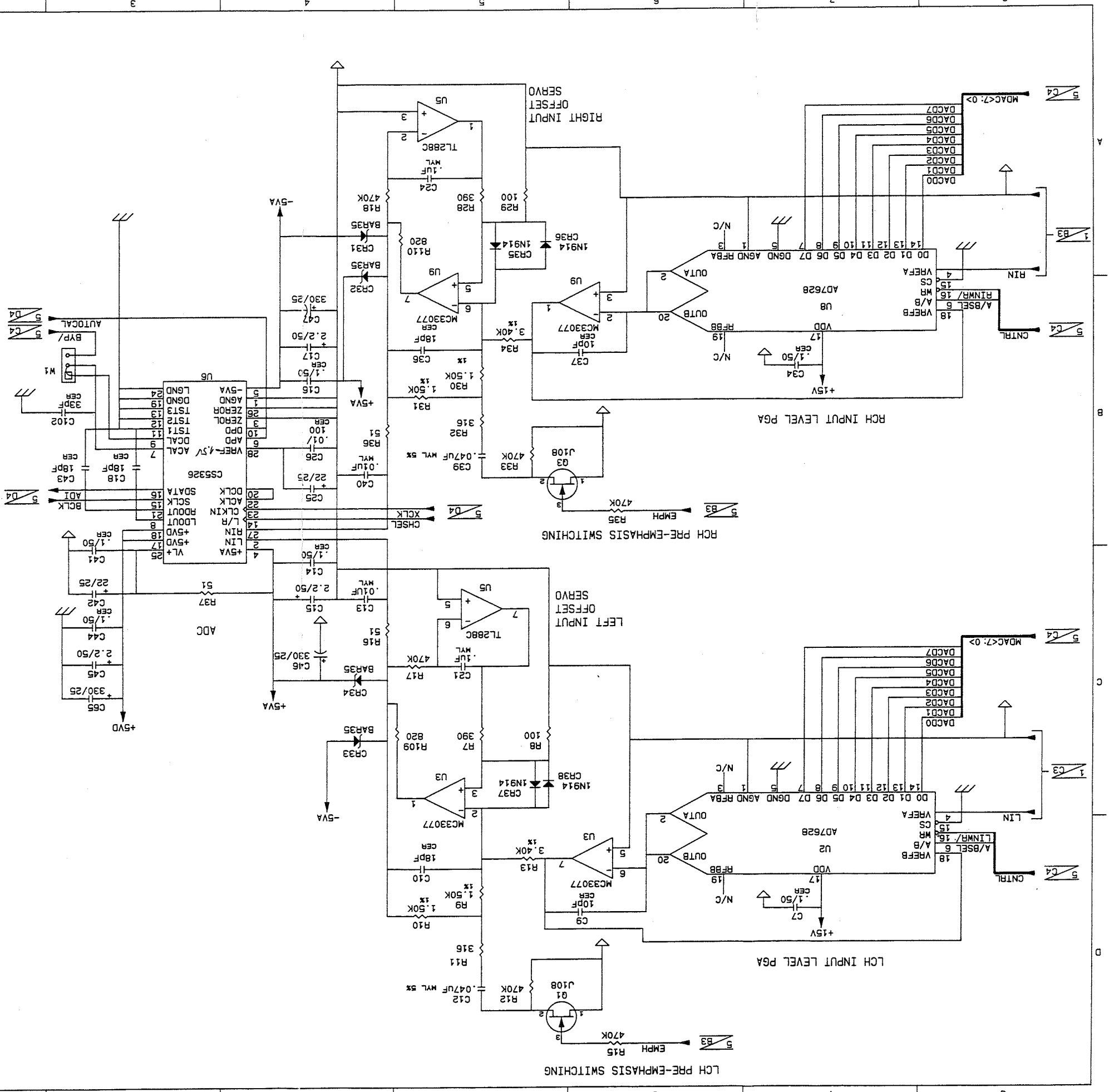
J1	1	LINHI
	2	LINLO
	3	RINHI
	4	RINLO
	5	LINLO
	6	LINLO
	7	LOUTH
	8	LOUTH
	9	LOUTH
	10	LOUTH
	11	ROUTHI
	12	ROUTLO
	13	M100
	14	WHELAY
	15	BYPASS

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

ISSUED PF	10/23/89	3
Q.C.	RHM	10/20/89
CHECKED RS	10/19/89	3
DRAWN CP	10/27/89	3
APPROVALS	DATE	
TITLE		
100 BEAVER ST. WALTHAM, MA 02154		
CONTRACT NO.		
exicon		
SCHEM. M300 ANALOG BOARD		
SIZE CODE NUMBER		
D		
060-07443		
SHEET 2 OF 5		

REV	DESCRIPTION	DATE	BY
0	RELEASE FOR PROTOTYPE	10/27/88	CP
1	RELEASE FOR PRODUCTION	10/20/89	RS
2	CONNECTED PIN 1 AND 2 OF W1	12/14/89	RS
3	PER ECO #891117-01.	12/14/89	RS
3	REVISE PER ECO 900515-00-A	12/14/89	RS

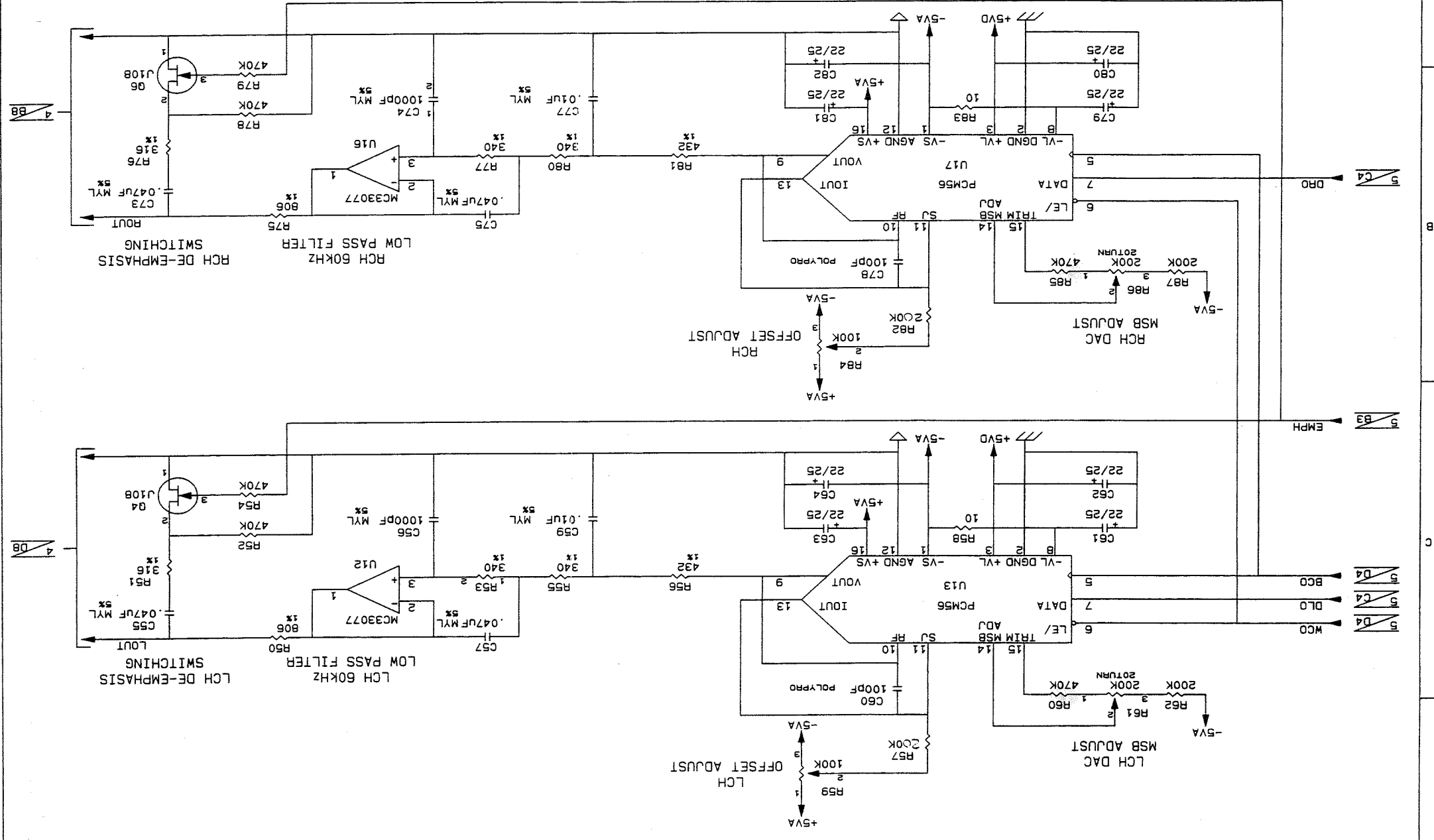


REV	DESCRIPTION	DATE	BY
0	RELEASE FOR PROTOTYPE	10/27/88	CP
1	RELEASE FOR PRODUCTION	10/20/89	RS
2	CONNECTED PIN 1 AND 2 OF W1	12/14/89	RS
3	PER ECO #891117-01.	12/14/89	RS
3	REVISE PER ECO 900515-00-A	12/14/89	RS

REV	DESCRIPTION	CHECKER/AUTHORIZED	DATE
0	RELEASE FOR PROTOTYPE	CP	10/27/89
1	RELEASE FOR PRODUCTION	W. S. / J. S.	11/12/89
2	CHANGED R57 & R82 TO 200K PER ECO # 930426-00	W. S. / J. S.	11/15/89

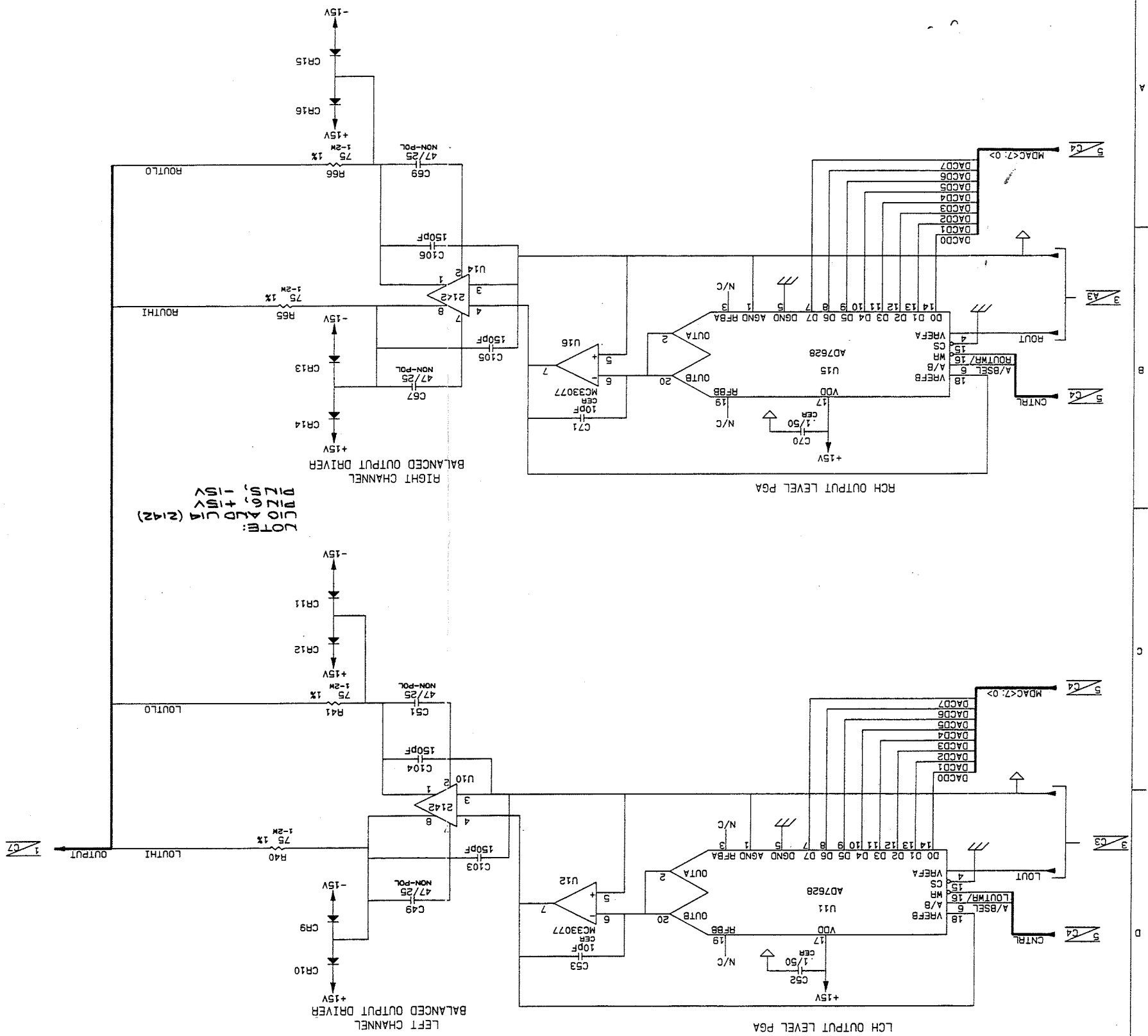
REV	DESCRIPTION	CHECKER/AUTHORIZED	DATE
0	RELEASE FOR PROTOTYPE	CP	10/27/89
1	RELEASE FOR PRODUCTION	W. S. / J. S.	11/12/89
2	CHANGED R57 & R82 TO 200K PER ECO # 930426-00	W. S. / J. S.	11/15/89

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



REVISIONS		DESCRIPTION		DRG. / CHECKER / AUTHORIZED	REV.
0	CP	RM	10/18/89	10/22/89	0
1	RS	PF	10/19/89	10/23/89	1
2	JV	RM	5/22/91	5/24/91	2
3	JV	RM	5/15/91	5/24/91	3
	QNV	QNV	3/30/92	4/2/92	
	QNV	QNV	3/30/92	4/2/92	

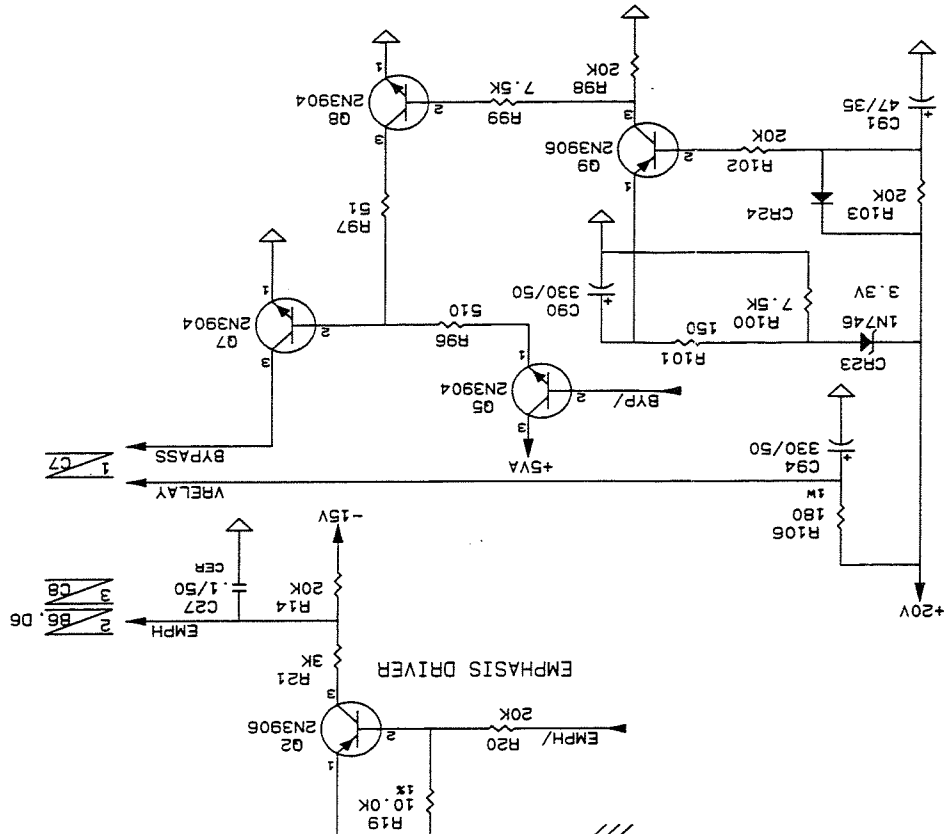
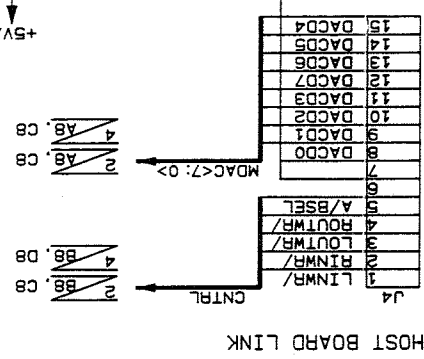
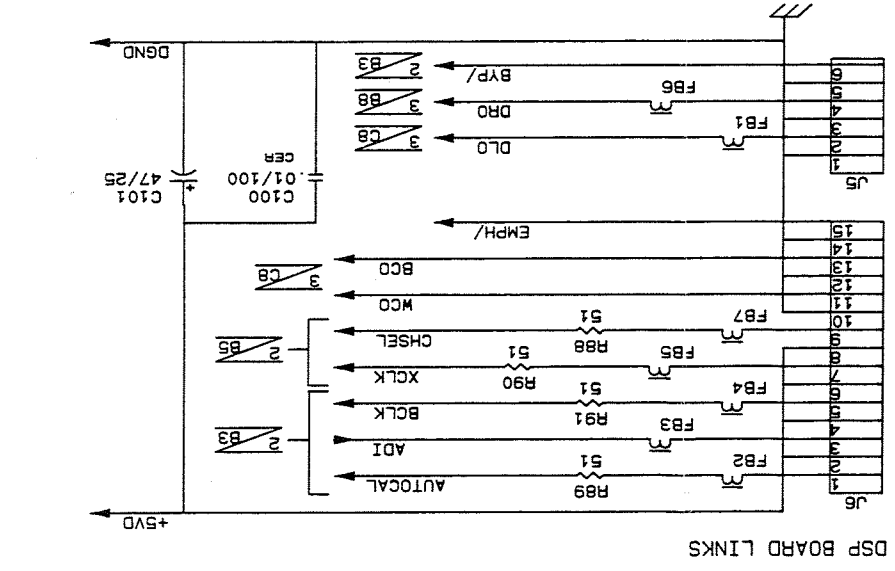
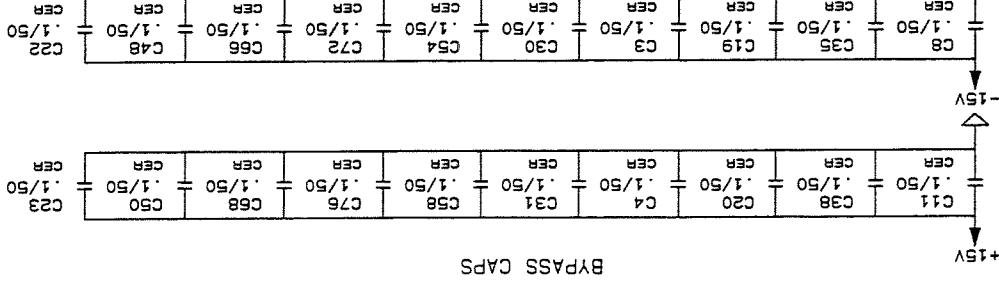
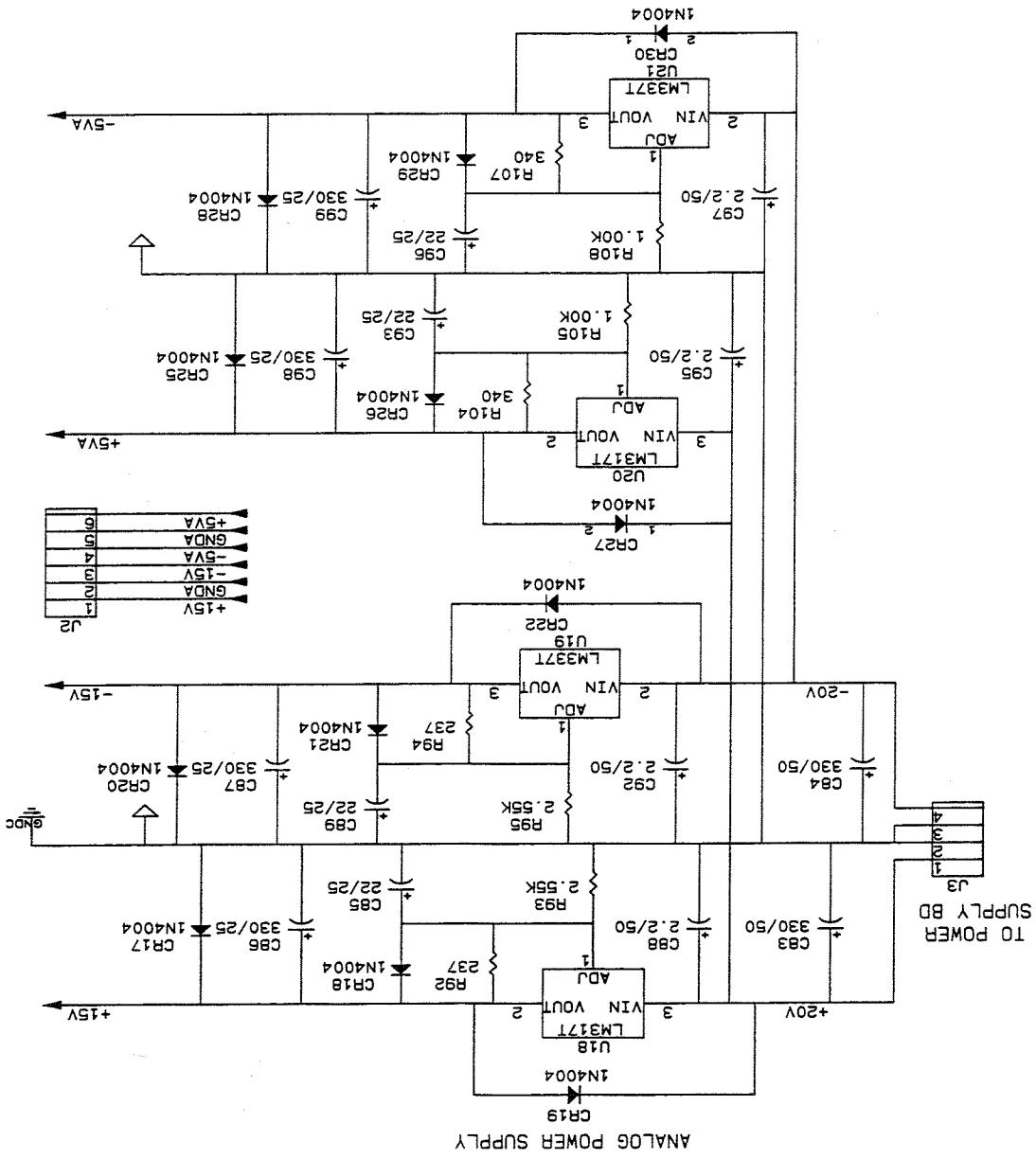
REV.	DESCRIPTION	DATE	BY
0	RELEASE FOR PROTOTYPE	10/18/89	RM
1	RELEASE FOR PRODUCTION	10/19/89	PF
2	REVISED TO SHOW DAUGHTER PCB	5/22/91	JV
3	PLACEMENT PER ECO 910410-02.	5/15/91	JV
	DELETED NOTE 1. MODIFIED		
	RIGHT AND LEFT CHANNELS.		
	DELETED R38-39, 42-49, 63-64		
	67-74 CHANGED C49, 51, 67, AND		
	69. FROM 100P TO 47U/25V		
	NON-POL. CHANGED U10 AND U14		
	FROM MC33077 TO 2142. PER		
	ECO S 910410-02, 91024-01.		
	ADDED C103-C106 PER ECO #		
	911129-00-A.		



REV.	DESCRIPTION	DATE	BY
0	RELEASE FOR PROTOTYPE	10/18/89	RM
1	RELEASE FOR PRODUCTION	10/19/89	PF
2	REVISED TO SHOW DAUGHTER PCB	5/22/91	JV
3	PLACEMENT PER ECO 910410-02.	5/15/91	JV
	DELETED NOTE 1. MODIFIED		
	RIGHT AND LEFT CHANNELS.		
	DELETED R38-39, 42-49, 63-64		
	67-74 CHANGED C49, 51, 67, AND		
	69. FROM 100P TO 47U/25V		
	NON-POL. CHANGED U10 AND U14		
	FROM MC33077 TO 2142. PER		
	ECO S 910410-02, 91024-01.		
	ADDED C103-C106 PER ECO #		
	911129-00-A.		

REV.	DESCRIPTION	DATE	BY
0	RELEASE FOR PROTOTYPE	10/18/89	RM
1	RELEASE FOR PRODUCTION	10/19/89	PF
2	REVISED TO SHOW DAUGHTER PCB	5/22/91	JV
3	PLACEMENT PER ECO 910410-02.	5/15/91	JV
	DELETED NOTE 1. MODIFIED		
	RIGHT AND LEFT CHANNELS.		
	DELETED R38-39, 42-49, 63-64		
	67-74 CHANGED C49, 51, 67, AND		
	69. FROM 100P TO 47U/25V		
	NON-POL. CHANGED U10 AND U14		
	FROM MC33077 TO 2142. PER		
	ECO S 910410-02, 91024-01.		
	ADDED C103-C106 PER ECO #		
	911129-00-A.		

REV.	DESCRIPTION	DATE	BY
0	RELEASE FOR PROTOTYPE	10/18/89	RM
1	RELEASE FOR PRODUCTION	10/19/89	PF
2	REVISED TO SHOW DAUGHTER PCB	5/22/91	JV
3	PLACEMENT PER ECO 910410-02.	5/15/91	JV
	DELETED NOTE 1. MODIFIED		
	RIGHT AND LEFT CHANNELS.		
	DELETED R38-39, 42-49, 63-64		
	67-74 CHANGED C49, 51, 67, AND		
	69. FROM 100P TO 47U/25V		
	NON-POL. CHANGED U10 AND U14		
	FROM MC33077 TO 2142. PER		
	ECO S 910410-02, 91024-01.		
	ADDED C103-C106 PER ECO #		
	911129-00-A.		



REVISIONS

REV	DESCRIPTION	DRAWN/CHECKER	D.C./AUTHORIZED
0	RELEASE FOR PROTOTYPE	CP	
1	RELEASE FOR PRODUCTION	RM 10/18/89 RS 10/19/89	
2	CHANGE PER ECO # 891204-00.	RS 10/12/89 RM 10/17/89	

CONTRACT NO.

TITLE

100 BEAVER ST. WALTHAM, MA. 02154

SCHEM. M300 ANALOG BOARD

DRAWN CP 10/27/88

CHECKED RS 10/19/89

ISSUED PF 10/23/89

G.C. RMH 10/20/89

REV. 2

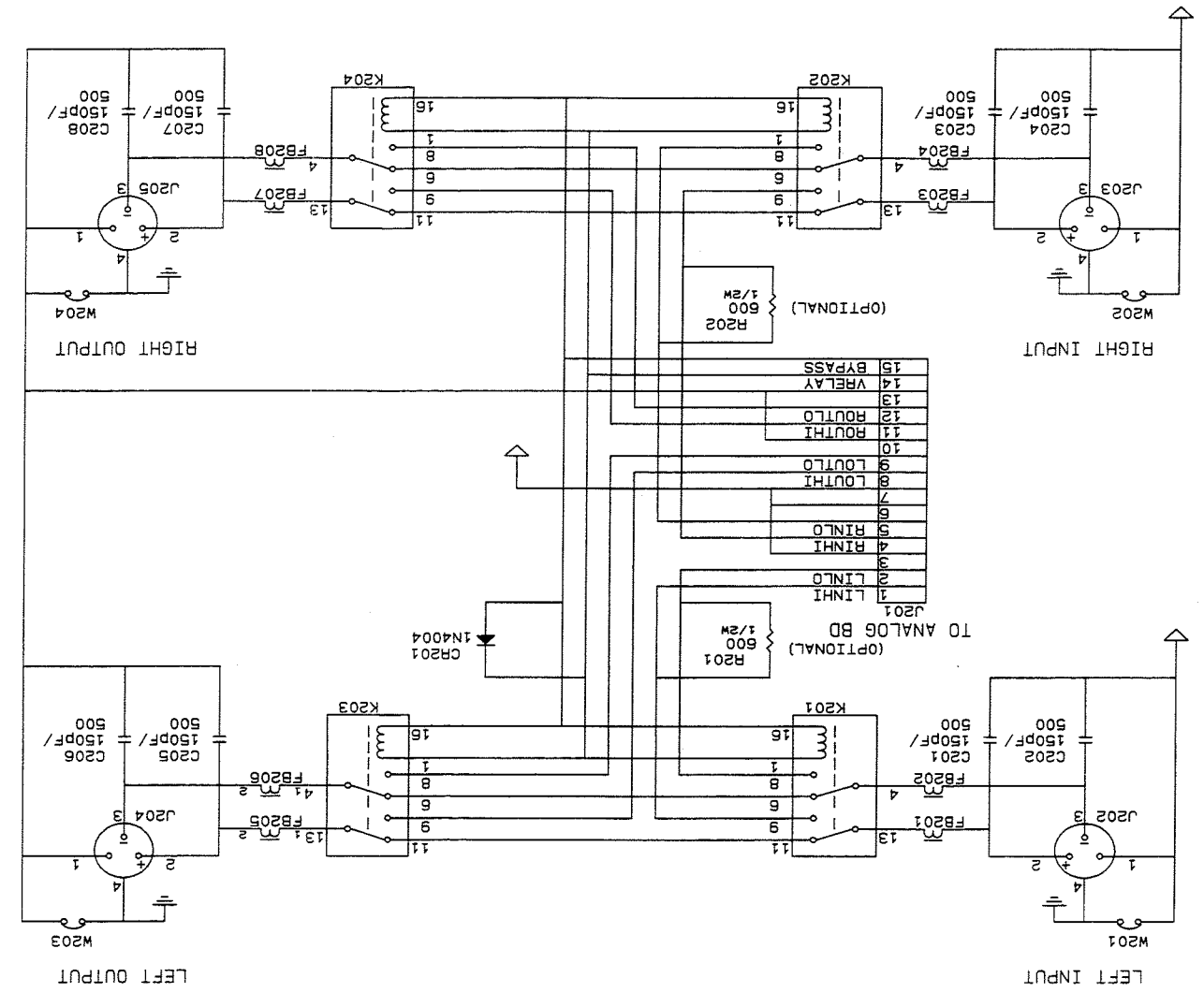
SIZE CODE NUMBER 060-07443

SHEET 5 OF 5

DOCUMENT CONTROL BLOCK: #060-07511		SHEET NUMBER		1 OF 1	
CONTRACT NO.		100 BEAVER ST. WALTHAM, MA 02154		TITLE	
APPROVALS		DATE		SCHEM, M300 ANA I/O BOARD	
DRAWN CP		10/27/88		CHECKED RS	
REV.		10/19/89		SIZE	
REV.		1		D	
REV.		1		060-07511	
ISSUED		10/19/89		1	
ISSUED		10/19/89		1	

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 // GROUND = PMW GND
 5. DENOTES SHEET NUMBER AND INTERSECT COORDINATE.
 6. ON BOARD CONNECTION-TO ON BOARD CONNECTION FROM SOLDER CONNECTION

REV	DESCRIPTION	CHECKER/AUTHORIZED	DATE
0	RELEASE FOR PROTOTYPE	CP	10/27/88
1	RELEASE FOR PRODUCTION	RS	10/19/89

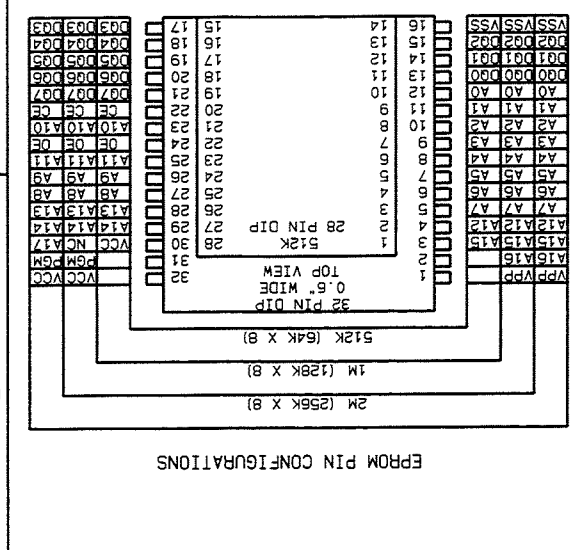


REVISIONS	
1	RELEASE FOR PRODUCTION
0	RELEASE FOR PROTOTYPE

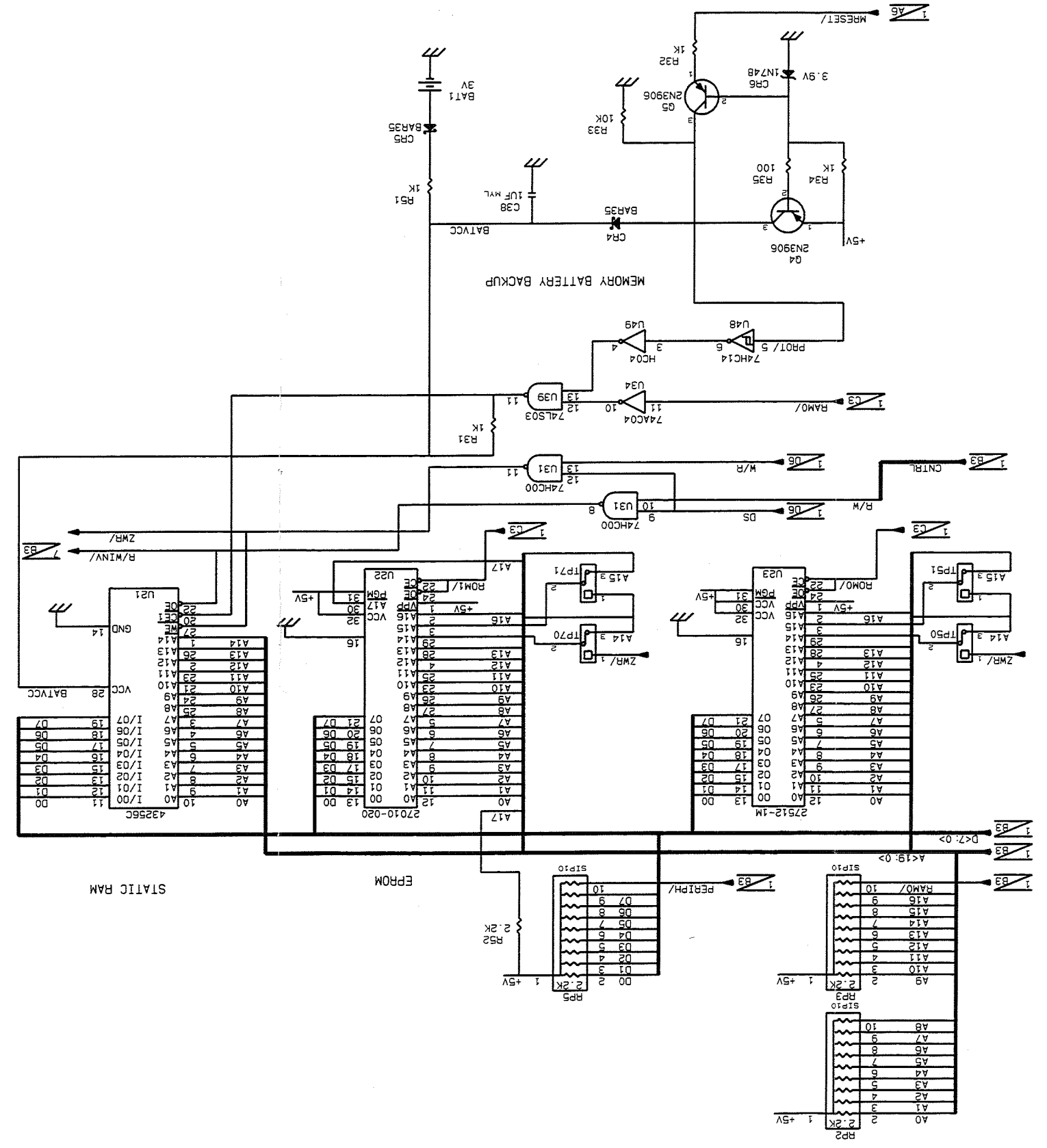
REV	DESCRIPTION	CHECKER/AUTHORIZED	DATE
1	RELEASE FOR PRODUCTION	JRM	10/19/89
2	ADD RS1, RS2, AND CHANGE U22	JRM	10/17/94
	PER ECD 940929-00	JRM	10/17/94

REV	DESCRIPTION	CHECKER/AUTHORIZED	DATE
1	RELEASE FOR PRODUCTION	JRM	10/19/89
2	ADD RS1, RS2, AND CHANGE U22	JRM	10/17/94
	PER ECD 940929-00	JRM	10/17/94

REV	DESCRIPTION	CHECKER/AUTHORIZED	DATE
1	RELEASE FOR PRODUCTION	JRM	10/19/89
2	ADD RS1, RS2, AND CHANGE U22	JRM	10/17/94
	PER ECD 940929-00	JRM	10/17/94



REV	DESCRIPTION	CHECKER/AUTHORIZED	DATE
1	RELEASE FOR PRODUCTION	JRM	10/19/89
2	ADD RS1, RS2, AND CHANGE U22	JRM	10/17/94
	PER ECD 940929-00	JRM	10/17/94



1 2 3 4 5 6 7 8

A B C D

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

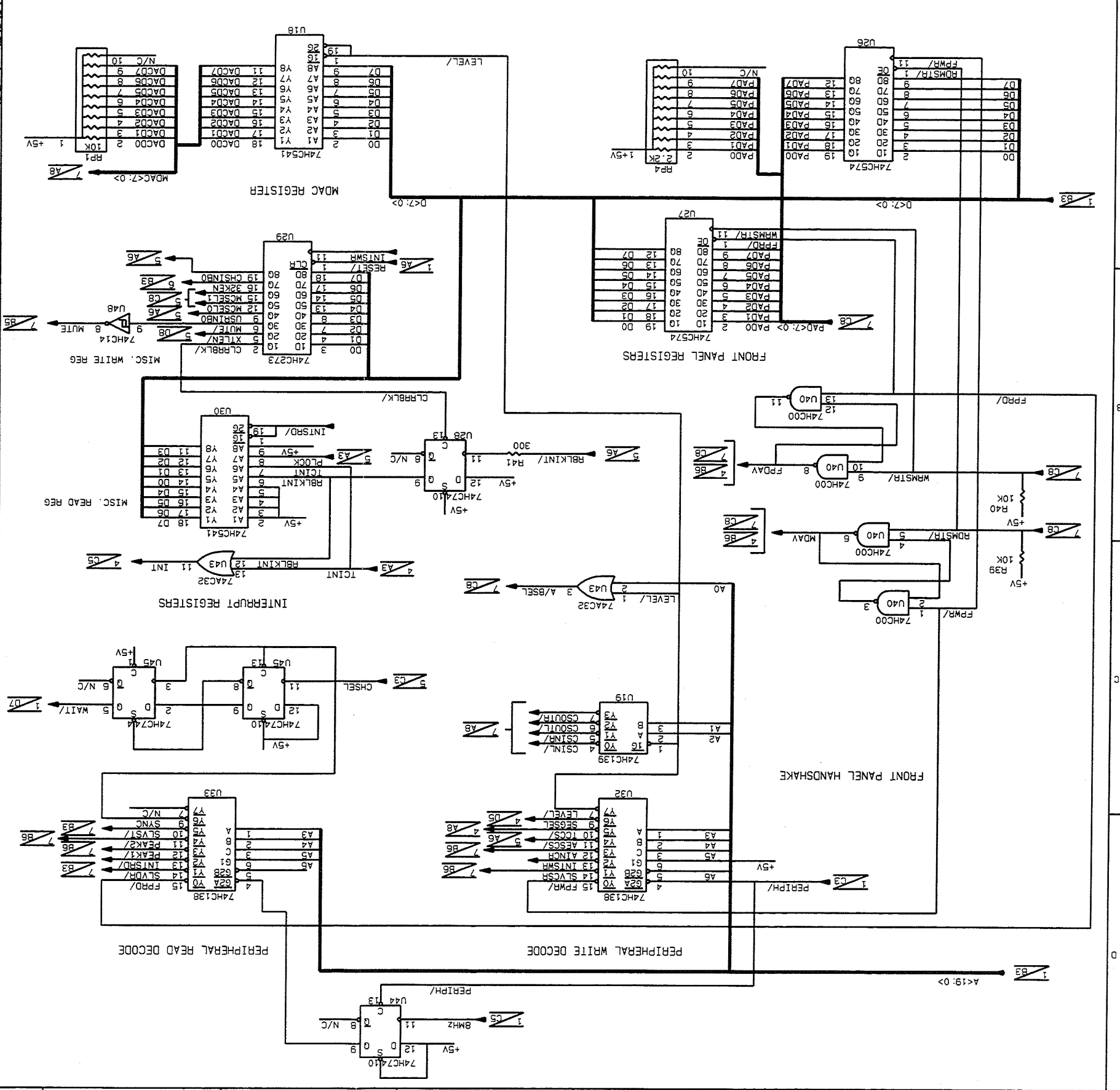
REV	DESCRIPTION	CHECKER	DATE
1	RELEASE FOR PRODUCTION	RM	10/23/89
2	CHANGE PER ECO #891117-00	RM	12/12/89
3	CHANGE PER ECO #90118-01-A	RM	5/24/90

REVISIONS			
REV	DESCRIPTION	CHECKER	DATE
1	RELEASE FOR PRODUCTION	RM	10/23/89
2	CHANGE PER ECO #891117-00	RM	12/12/89
3	CHANGE PER ECO #90118-01-A	RM	5/24/90

APPROVALS			
DATE	DATE	DATE	DATE
3/02/89	10/23/89	10/23/89	10/25/89
CHAWN PF	CHEKED JRM	C.C. RM	ISSUED PF
3	060-07436	B	3

CONTRACT	
NO. 100 BEAVER ST. WALTHAM, MA 02154	ex1300
TITLE	MISC. CONTROL
DATE	3/02/89
APPROVALS	DATE
3/02/89	10/23/89
CHAWN PF	CHEKED JRM
3	060-07436
C.C. RM	ISSUED PF
10/23/89	10/25/89
B	3

REVISIONS			
REV	DESCRIPTION	CHECKER	DATE
1	RELEASE FOR PRODUCTION	RM	10/23/89
2	CHANGE PER ECO #891117-00	RM	12/12/89
3	CHANGE PER ECO #90118-01-A	RM	5/24/90



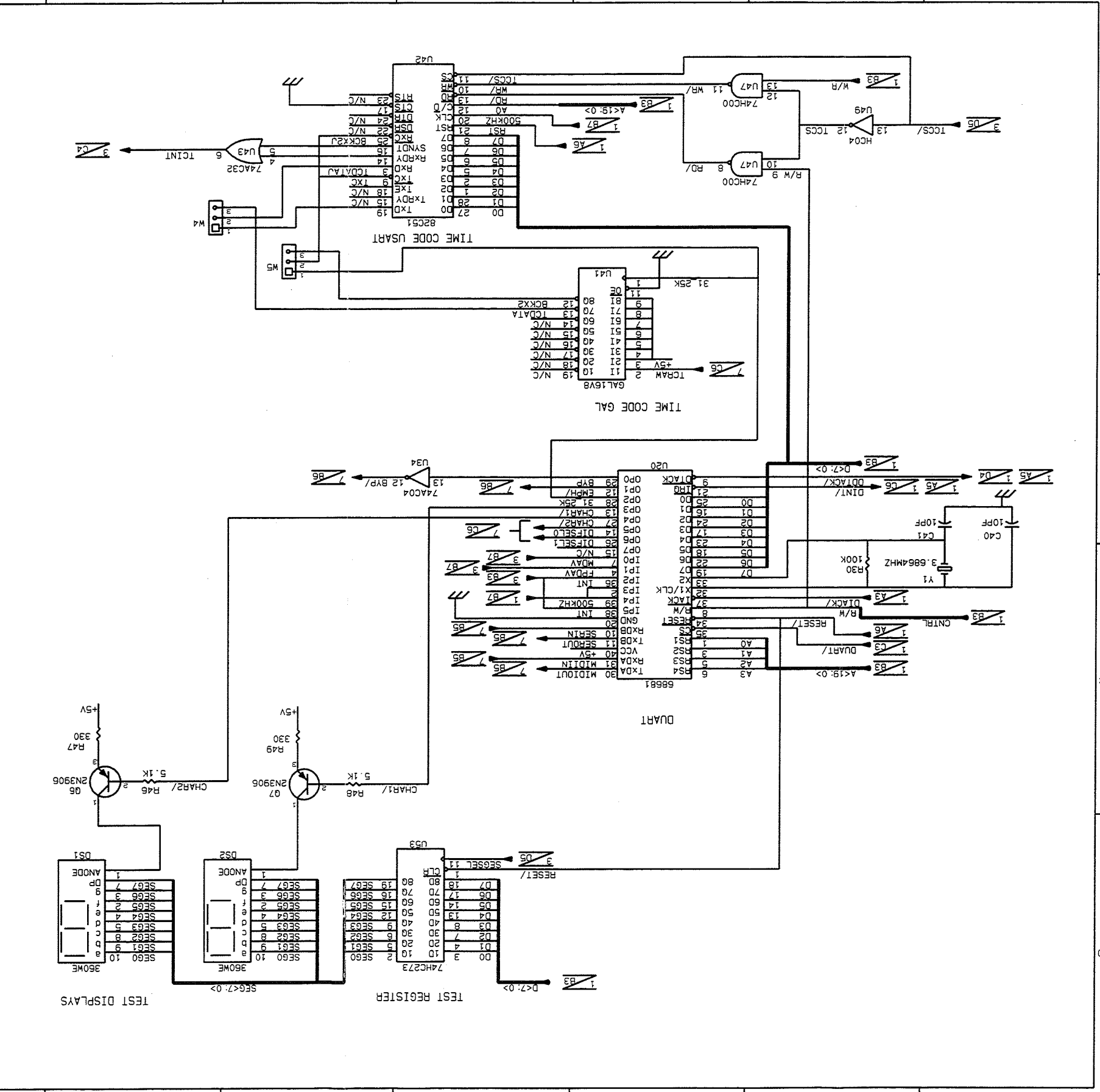
REVISIONS			
REV	DESCRIPTION	CHECKER	DATE
1	RELEASE FOR PRODUCTION	RM	10/23/89
2	CHANGE PER ECO #891117-00	RM	12/12/89
3	CHANGE PER ECO #90118-01-A	RM	5/24/90

REV	DESCRIPTION	CHECKER	DATE
1	RELEASE FOR PRODUCTION	MM	10/19/89
2	CHANGE PER ECO 900416-00	MM	10/24/89
3	ADDED W4 AND W5	MM	5/24/90
4	CONNECTED U42, 17 TO GND.	MM	2/27/91
5	PER ECO 910103-00.	MM	3/26/91
6		MM	4/12/91
7		MM	4/22/91

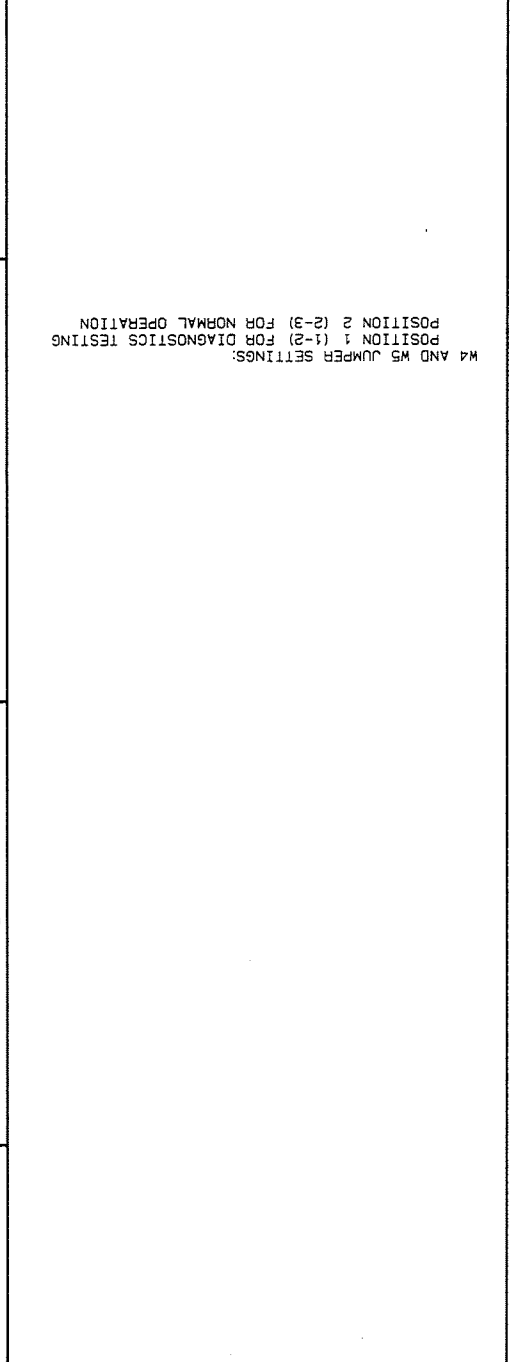
REV	DESCRIPTION	CHECKER	DATE
1	RELEASE FOR PRODUCTION	MM	10/19/89
2	CHANGE PER ECO 900416-00	MM	10/24/89
3	ADDED W4 AND W5	MM	5/24/90
4	CONNECTED U42, 17 TO GND.	MM	2/27/91
5	PER ECO 910103-00.	MM	3/26/91
6		MM	4/12/91
7		MM	4/22/91

REV	DESCRIPTION	CHECKER	DATE
1	RELEASE FOR PRODUCTION	MM	10/19/89
2	CHANGE PER ECO 900416-00	MM	10/24/89
3	ADDED W4 AND W5	MM	5/24/90
4	CONNECTED U42, 17 TO GND.	MM	2/27/91
5	PER ECO 910103-00.	MM	3/26/91
6		MM	4/12/91
7		MM	4/22/91

REV	DESCRIPTION	CHECKER	DATE
1	RELEASE FOR PRODUCTION	MM	10/19/89
2	CHANGE PER ECO 900416-00	MM	10/24/89
3	ADDED W4 AND W5	MM	5/24/90
4	CONNECTED U42, 17 TO GND.	MM	2/27/91
5	PER ECO 910103-00.	MM	3/26/91
6		MM	4/12/91
7		MM	4/22/91



REV	DESCRIPTION	CHECKER	DATE
1	RELEASE FOR PRODUCTION	MM	10/19/89
2	CHANGE PER ECO 900416-00	MM	10/24/89
3	ADDED W4 AND W5	MM	5/24/90
4	CONNECTED U42, 17 TO GND.	MM	2/27/91
5	PER ECO 910103-00.	MM	3/26/91
6		MM	4/12/91
7		MM	4/22/91



REV	DESCRIPTION	CHECKER	DATE
1	RELEASE FOR PRODUCTION	MM	10/19/89
2	CHANGE PER ECO 900416-00	MM	10/24/89
3	ADDED W4 AND W5	MM	5/24/90
4	CONNECTED U42, 17 TO GND.	MM	2/27/91
5	PER ECO 910103-00.	MM	3/26/91
6		MM	4/12/91
7		MM	4/22/91

REV	DESCRIPTION	CHECKER	DATE
1	RELEASE FOR PRODUCTION	MM	10/19/89
2	CHANGE PER ECO 900416-00	MM	10/24/89
3	ADDED W4 AND W5	MM	5/24/90
4	CONNECTED U42, 17 TO GND.	MM	2/27/91
5	PER ECO 910103-00.	MM	3/26/91
6		MM	4/12/91
7		MM	4/22/91

REV	DESCRIPTION	CHECKER	DATE
1	RELEASE FOR PRODUCTION	MM	10/19/89
2	CHANGE PER ECO 900416-00	MM	10/24/89
3	ADDED W4 AND W5	MM	5/24/90
4	CONNECTED U42, 17 TO GND.	MM	2/27/91
5	PER ECO 910103-00.	MM	3/26/91
6		MM	4/12/91
7		MM	4/22/91

ISSUED PF	10/25/88
Q.C. RM	10/23/88
CHECKED JRM	10/23/88
DRAWN RS	2/28/89
APPROVALS	DATE
SCHEM. HOST BD. M300	
CLOCK GENERATION	
TITLE	
100 BEAVER ST. WALTHAM, MA 02154	
CONTRACT NO.	EX130N

REV	DESCRIPTION	DATE	BY
1	RELEASE FOR PRODUCTION	10/19/88	JRM
2	CHANGE PER ECO #891117-00.	12/12/89	JRM
3	CHANGE PER ECO #900118-01-A	5/24/90	JRM
4	CHANGE PER ECO'S 900118-01	6/11/90	JRM
5	900118-01-A AND 900416-00	6/20/90	JRM
6	CHANGE PER ECO 900914-00.	11/8/90	JRM
7	ADDED SPARE U12 GATE.	11/12/90	JRM

REV	DESCRIPTION	DATE	BY
1	RELEASE FOR PRODUCTION	10/19/88	JRM
2	CHANGE PER ECO #891117-00.	12/12/89	JRM
3	CHANGE PER ECO #900118-01-A	5/24/90	JRM
4	CHANGE PER ECO'S 900118-01	6/11/90	JRM
5	900118-01-A AND 900416-00	6/20/90	JRM
6	CHANGE PER ECO 900914-00.	11/8/90	JRM
7	ADDED SPARE U12 GATE.	11/12/90	JRM

REV	DESCRIPTION	DATE	BY
1	RELEASE FOR PRODUCTION	10/19/88	JRM
2	CHANGE PER ECO #891117-00.	12/12/89	JRM
3	CHANGE PER ECO #900118-01-A	5/24/90	JRM
4	CHANGE PER ECO'S 900118-01	6/11/90	JRM
5	900118-01-A AND 900416-00	6/20/90	JRM
6	CHANGE PER ECO 900914-00.	11/8/90	JRM
7	ADDED SPARE U12 GATE.	11/12/90	JRM

REV	DESCRIPTION	DATE	BY
1	RELEASE FOR PRODUCTION	10/19/88	JRM
2	CHANGE PER ECO #891117-00.	12/12/89	JRM
3	CHANGE PER ECO #900118-01-A	5/24/90	JRM
4	CHANGE PER ECO'S 900118-01	6/11/90	JRM
5	900118-01-A AND 900416-00	6/20/90	JRM
6	CHANGE PER ECO 900914-00.	11/8/90	JRM
7	ADDED SPARE U12 GATE.	11/12/90	JRM

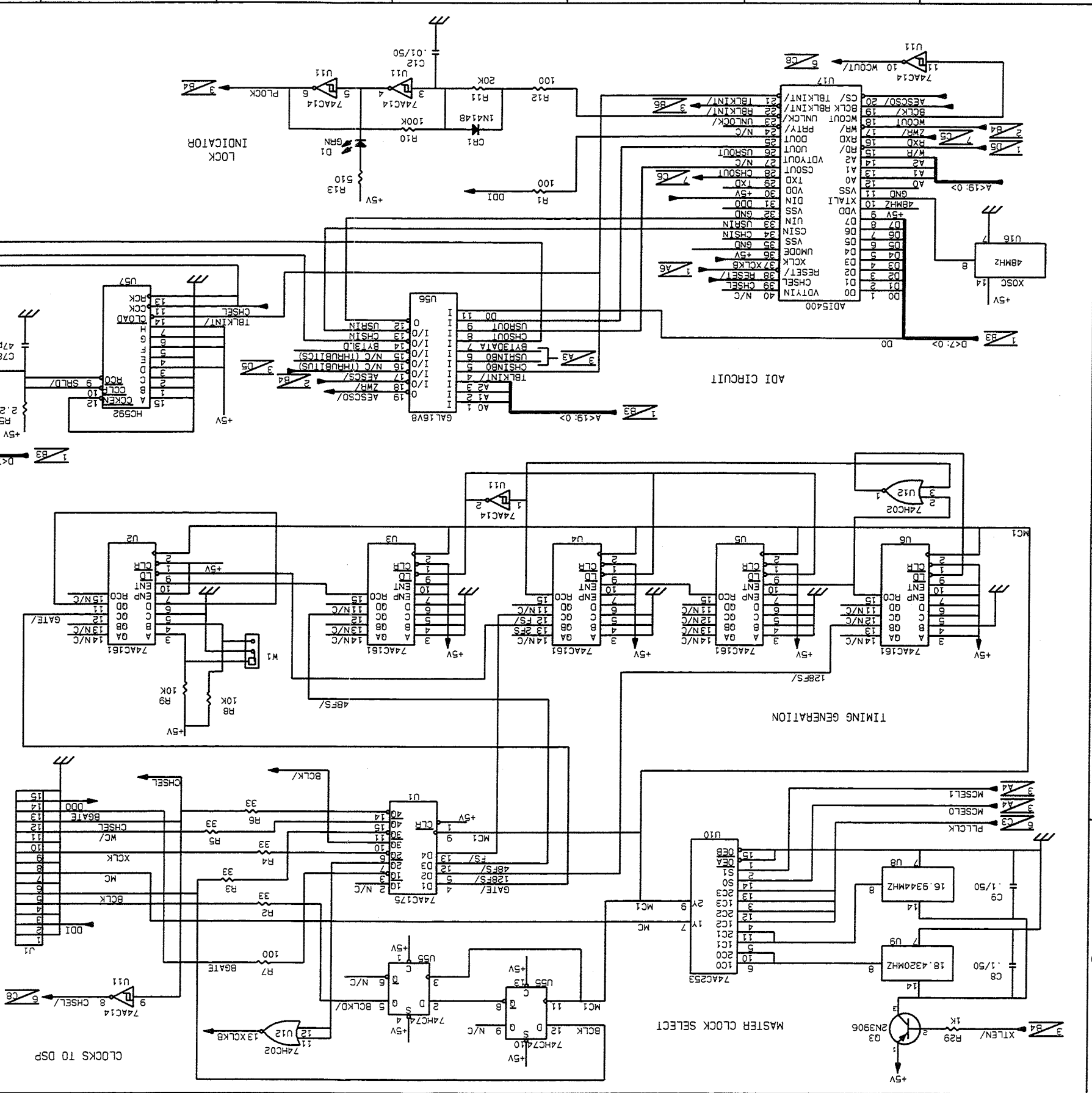
REV	DESCRIPTION	DATE	BY
1	RELEASE FOR PRODUCTION	10/19/88	JRM
2	CHANGE PER ECO #891117-00.	12/12/89	JRM
3	CHANGE PER ECO #900118-01-A	5/24/90	JRM
4	CHANGE PER ECO'S 900118-01	6/11/90	JRM
5	900118-01-A AND 900416-00	6/20/90	JRM
6	CHANGE PER ECO 900914-00.	11/8/90	JRM
7	ADDED SPARE U12 GATE.	11/12/90	JRM

REV	DESCRIPTION	DATE	BY
1	RELEASE FOR PRODUCTION	10/19/88	JRM
2	CHANGE PER ECO #891117-00.	12/12/89	JRM
3	CHANGE PER ECO #900118-01-A	5/24/90	JRM
4	CHANGE PER ECO'S 900118-01	6/11/90	JRM
5	900118-01-A AND 900416-00	6/20/90	JRM
6	CHANGE PER ECO 900914-00.	11/8/90	JRM
7	ADDED SPARE U12 GATE.	11/12/90	JRM

REV	DESCRIPTION	DATE	BY
1	RELEASE FOR PRODUCTION	10/19/88	JRM
2	CHANGE PER ECO #891117-00.	12/12/89	JRM
3	CHANGE PER ECO #900118-01-A	5/24/90	JRM
4	CHANGE PER ECO'S 900118-01	6/11/90	JRM
5	900118-01-A AND 900416-00	6/20/90	JRM
6	CHANGE PER ECO 900914-00.	11/8/90	JRM
7	ADDED SPARE U12 GATE.	11/12/90	JRM

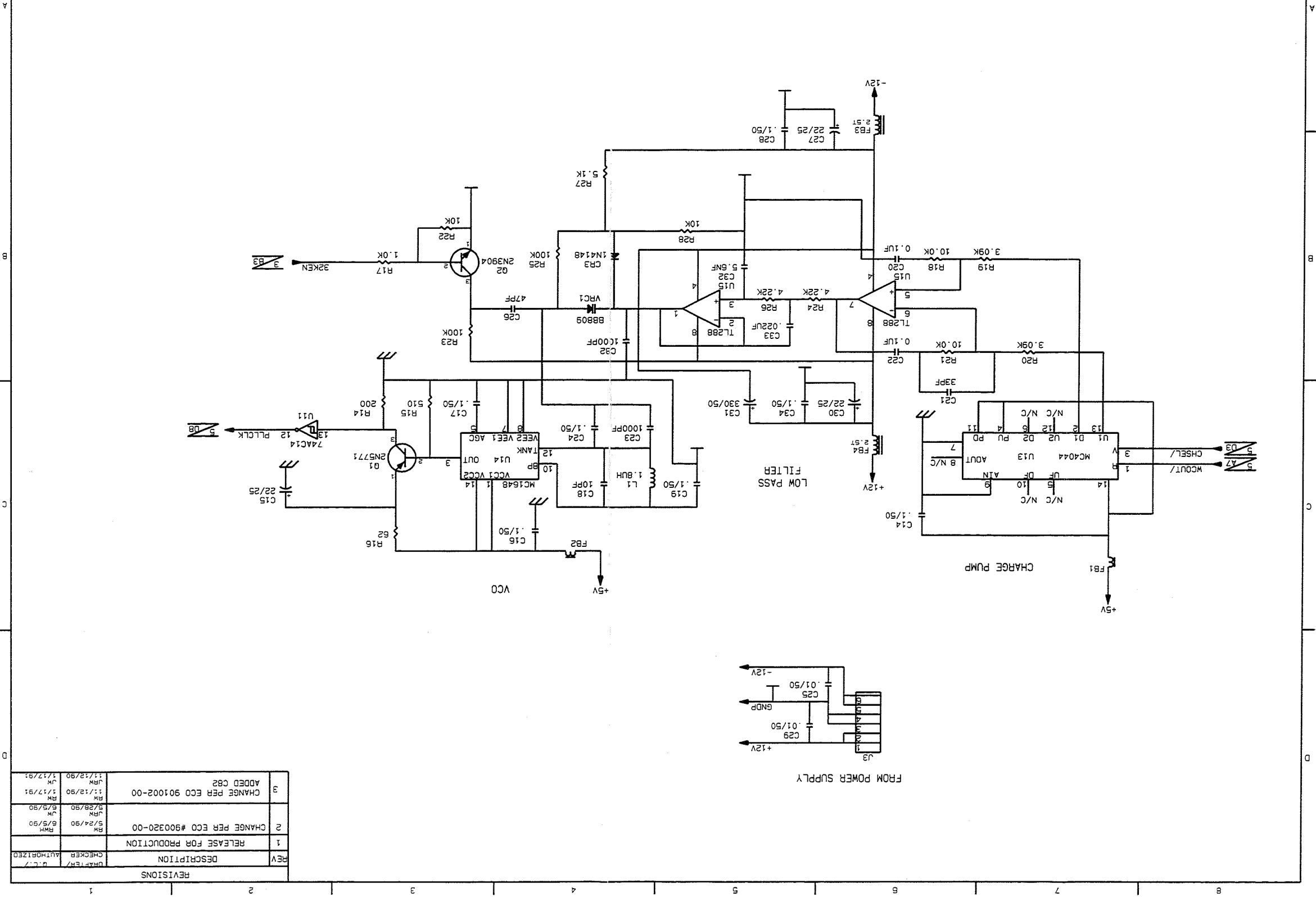
REV	DESCRIPTION	DATE	BY
1	RELEASE FOR PRODUCTION	10/19/88	JRM
2	CHANGE PER ECO #891117-00.	12/12/89	JRM
3	CHANGE PER ECO #900118-01-A	5/24/90	JRM
4	CHANGE PER ECO'S 900118-01	6/11/90	JRM
5	900118-01-A AND 900416-00	6/20/90	JRM
6	CHANGE PER ECO 900914-00.	11/8/90	JRM
7	ADDED SPARE U12 GATE.	11/12/90	JRM

REV	DESCRIPTION	DATE	BY
1	RELEASE FOR PRODUCTION	10/19/88	JRM
2	CHANGE PER ECO #891117-00.	12/12/89	JRM
3	CHANGE PER ECO #900118-01-A	5/24/90	JRM
4	CHANGE PER ECO'S 900118-01	6/11/90	JRM
5	900118-01-A AND 900416-00	6/20/90	JRM
6	CHANGE PER ECO 900914-00.	11/8/90	JRM
7	ADDED SPARE U12 GATE.	11/12/90	JRM



REV	DESCRIPTION	DATE	BY
1	RELEASE FOR PRODUCTION	10/19/88	JRM
2	CHANGE PER ECO #891117-00.	12/12/89	JRM
3	CHANGE PER ECO #900118-01-A	5/24/90	JRM
4	CHANGE PER ECO'S 900118-01	6/11/90	JRM
5	900118-01-A AND 900416-00	6/20/90	JRM
6	CHANGE PER ECO 900914-00.	11/8/90	JRM
7	ADDED SPARE U12 GATE.	11/12/90	JRM

CONTRACT NO. 6X130N		100 BEAVER ST. WALTHAM, MA 02154	
APPROVALS	DATE	TITLE	
DRAWN RS	2/15/89	PHASE LOCK LOOP	
CHECKED RM	10/23/89	SIZE CODE NUMBER	
D.C. RM	10/23/89		
ISSUED PF	10/25/89		
REV.			
3		060-07436	SHEET 6 OF 7

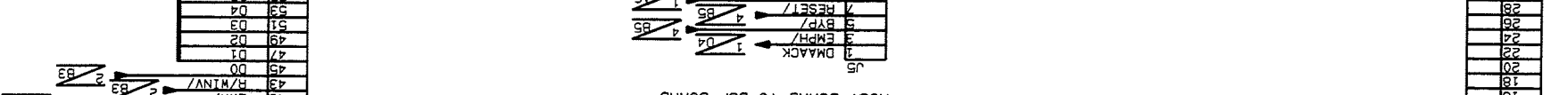
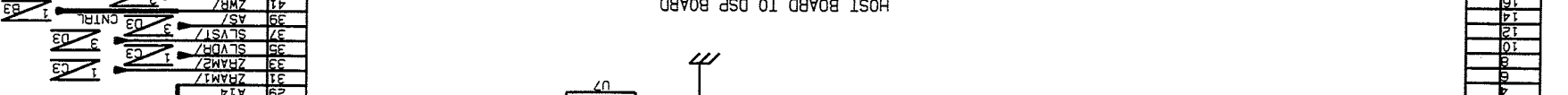
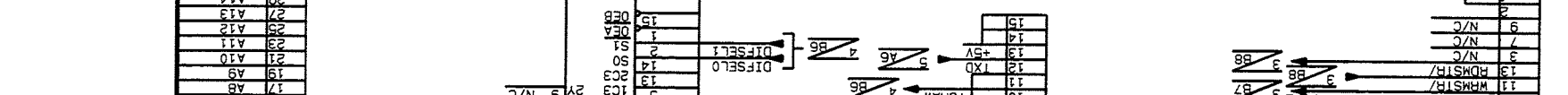
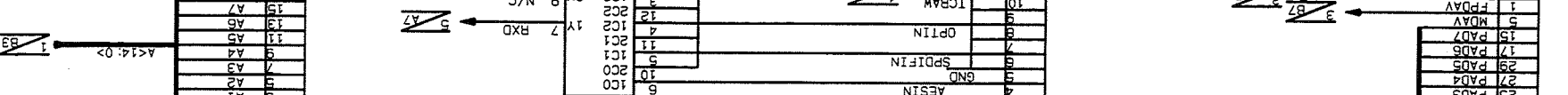
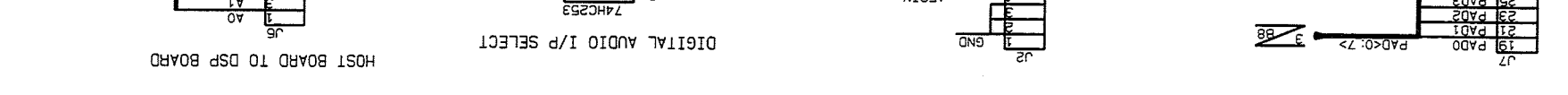
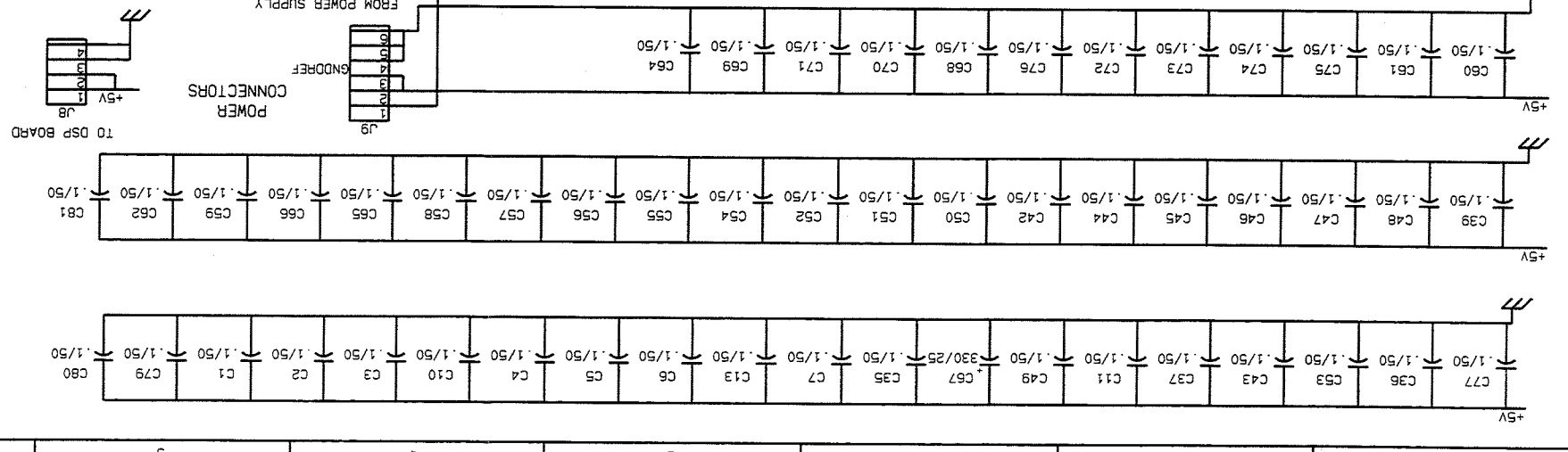
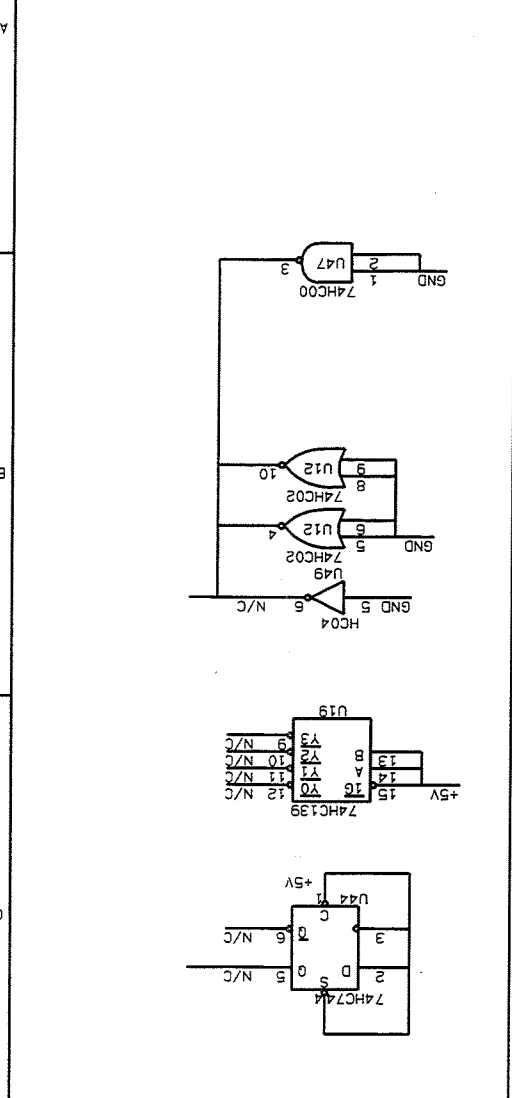


REV.	DESCRIPTION	CHECKER	AUTHORIZED
1	RELEASE FOR PRODUCTION	RM	6/5/90
2	CHANGE PER ECO #900320-00	RM	5/24/90
		RM	6/5/90
3	CHANGE PER ECO 901002-00	RM	11/17/91
	ADDED C82	JRM	11/12/90
		JRM	1/17/91

REV	DATE	DESCRIPTION	BY	CHKD	APP'D
1	10/23/89	RELEASE FOR PRODUCTION	JRM	JRM	
2	12/13/89	CHANGE PER ECO #89117000	JRM	JRM	
3	5/26/90	CHANGE PER ECO #90018-01-A	JRM	JRM	
4	11/12/90	CHANGE PER ECO 900914-00	JRM	JRM	

REV	DATE	DESCRIPTION	BY	CHKD	APP'D
1	10/23/89	RELEASE FOR PRODUCTION	JRM	JRM	
2	12/13/89	CHANGE PER ECO #89117000	JRM	JRM	
3	5/26/90	CHANGE PER ECO #90018-01-A	JRM	JRM	
4	11/12/90	CHANGE PER ECO 900914-00	JRM	JRM	

REV	DATE	DESCRIPTION	BY	CHKD	APP'D
1	10/23/89	RELEASE FOR PRODUCTION	JRM	JRM	
2	12/13/89	CHANGE PER ECO #89117000	JRM	JRM	
3	5/26/90	CHANGE PER ECO #90018-01-A	JRM	JRM	
4	11/12/90	CHANGE PER ECO 900914-00	JRM	JRM	



CONTRACT NO. 100 BEAVER ST. WALTHAM, MA 02154
 EXICON
 APPROVALS DATE 1/24/89
 DRAWN BY 10/23/89
 CHECKED BY 10/23/89
 SIZE CODE NUMBER B
 060-07436
 SHEET 7 OF 7

REV	DESCRIPTION	DRAWN/CHECKER	DWG. NO.

NOTES

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.

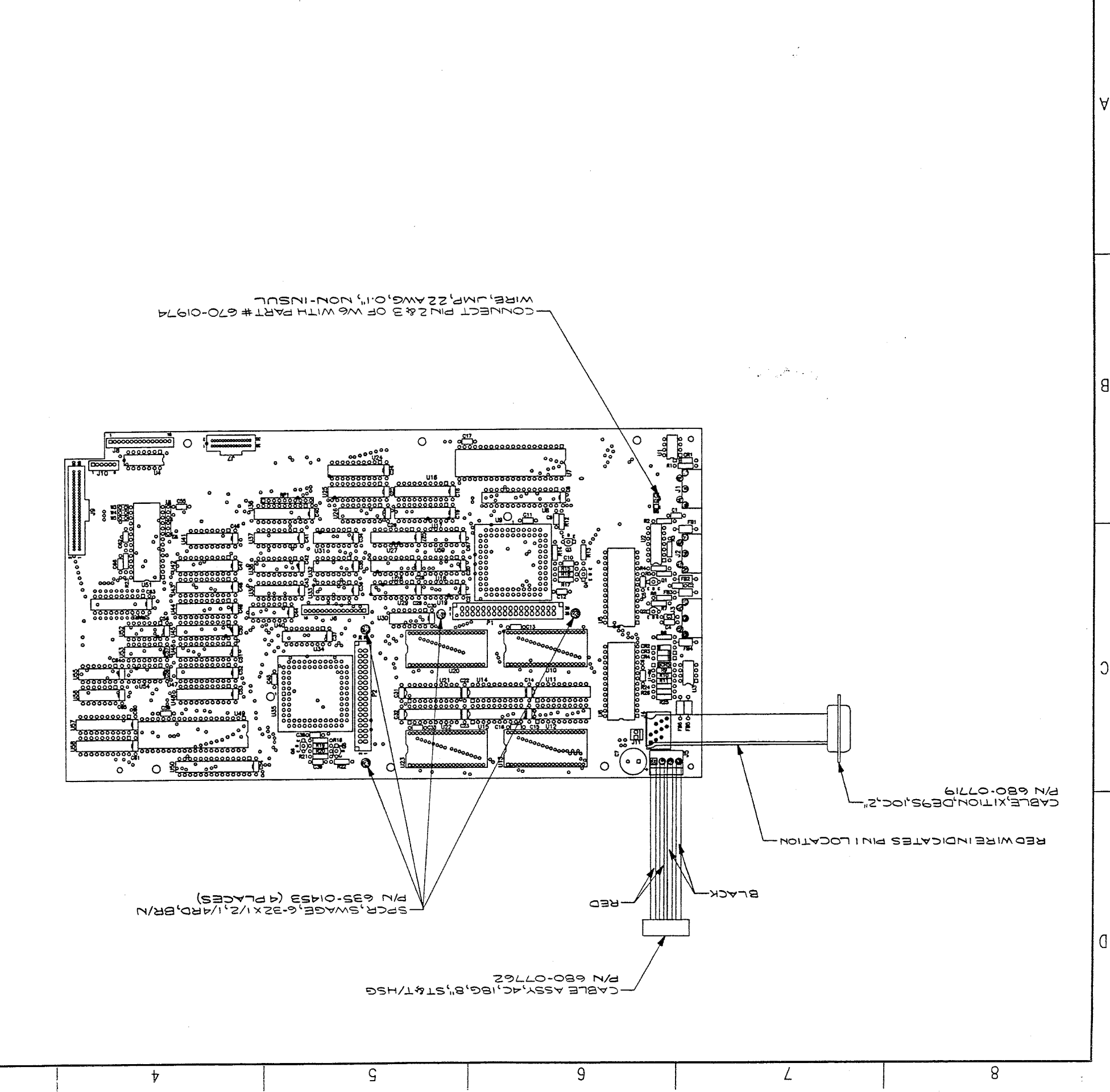
CONTRACT NO. **lexicon**

ISSUED	DATE	BY	SCALE	SHEET	OF
			1:1	1	1

DO NO SCALE DRAWING	APPLICATION

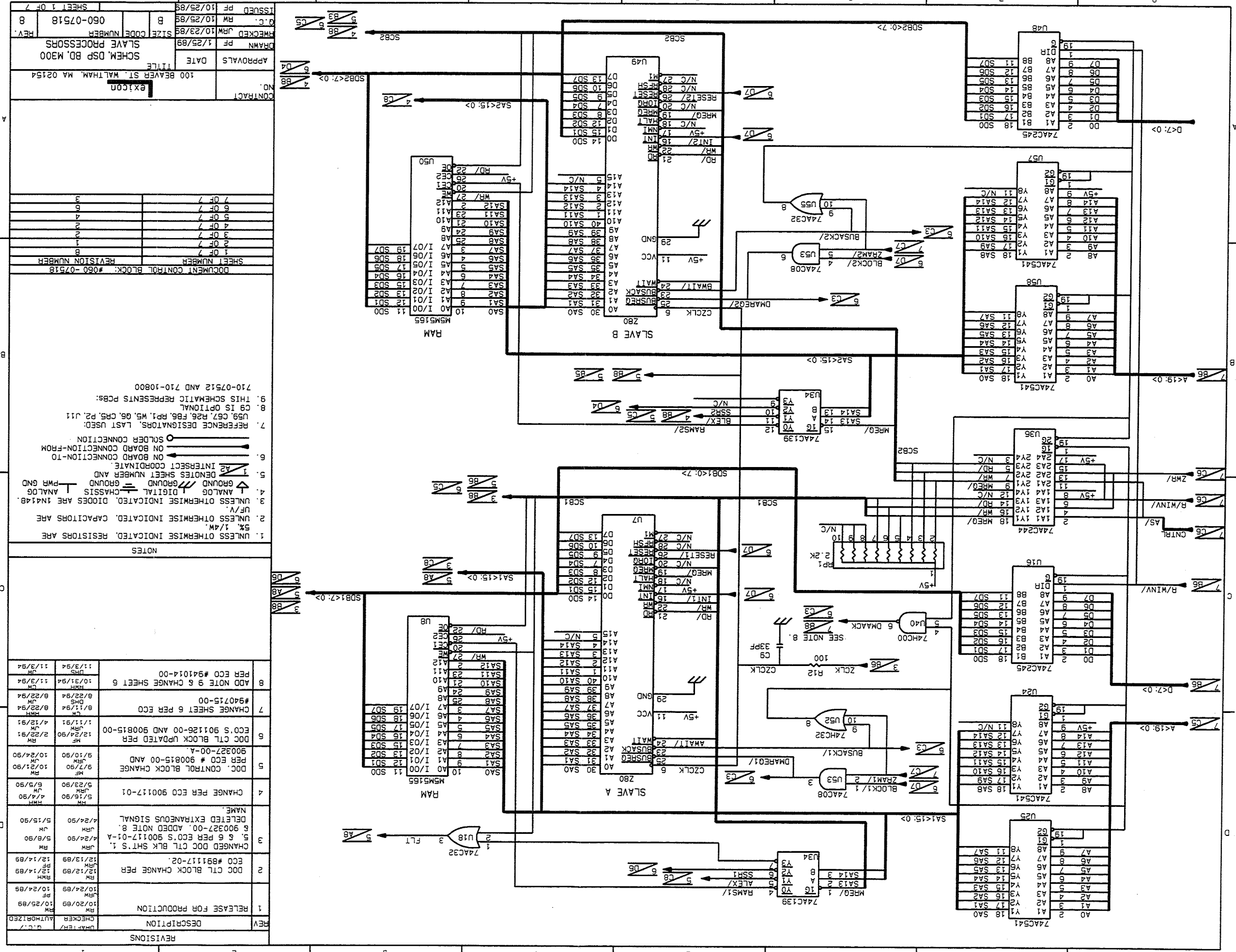
FINISH	USED ON

APPROVALS	DATE	BY	SIZE	DWG. NO.	REV

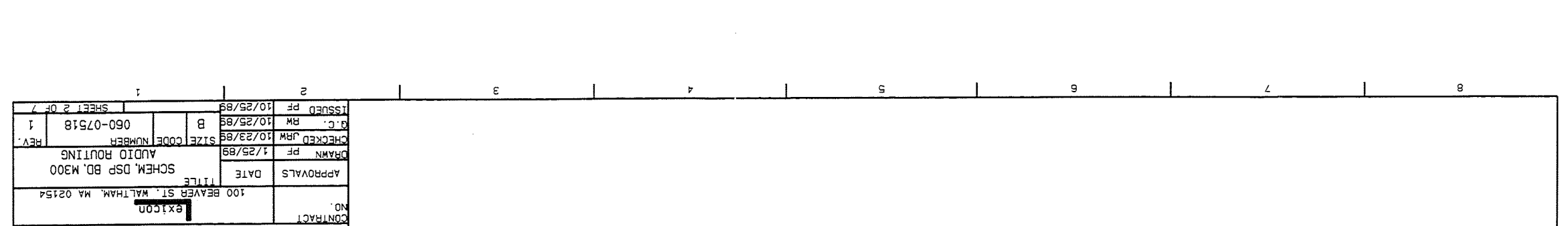
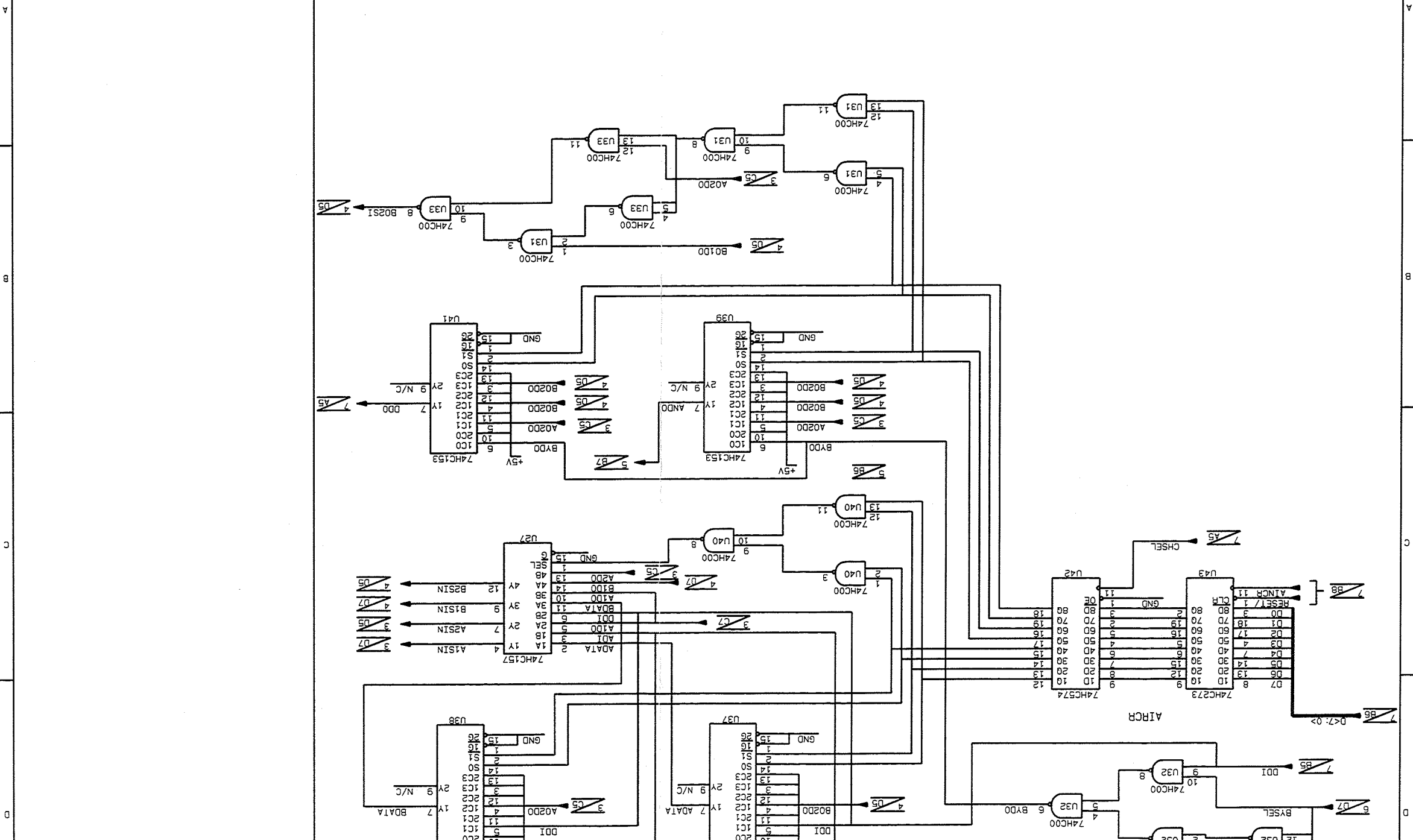
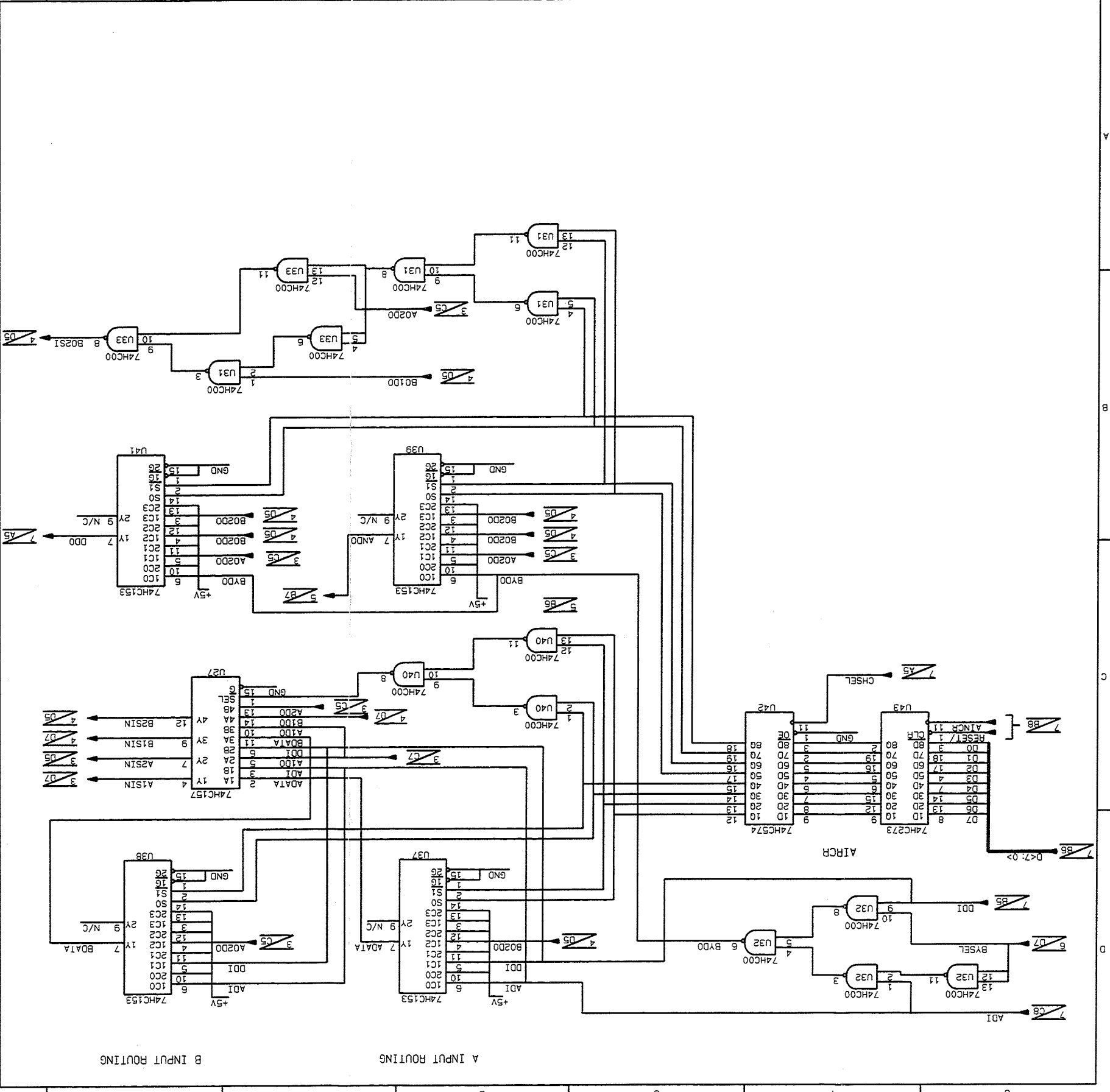


1 2 3 4 5 6 7 8

A B C D



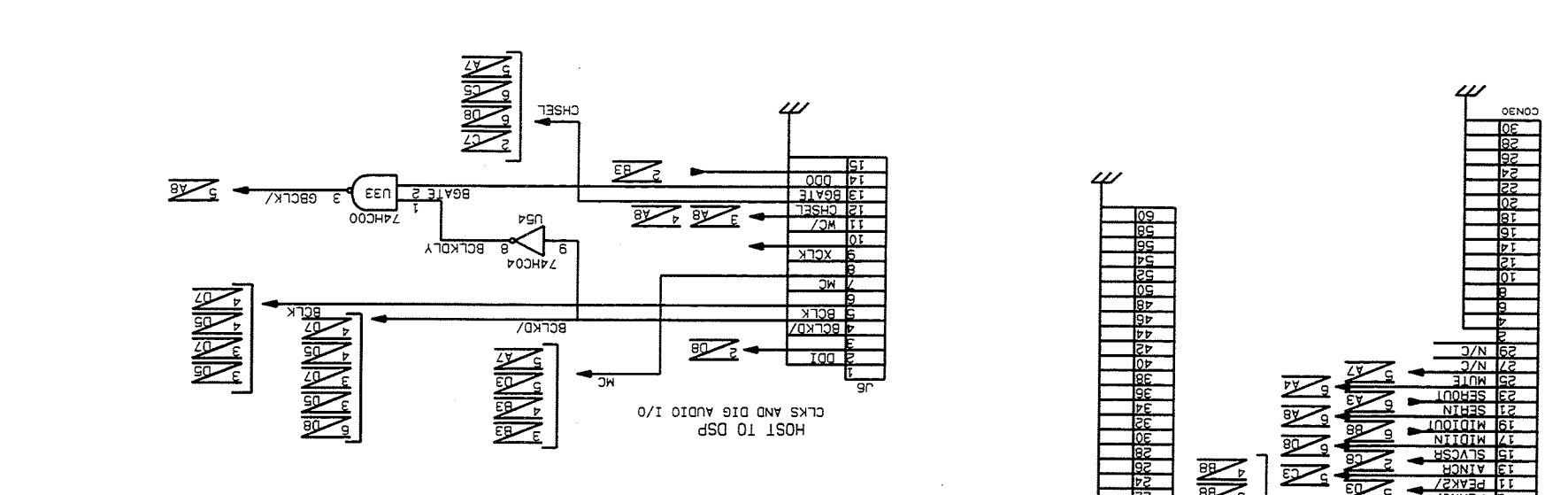
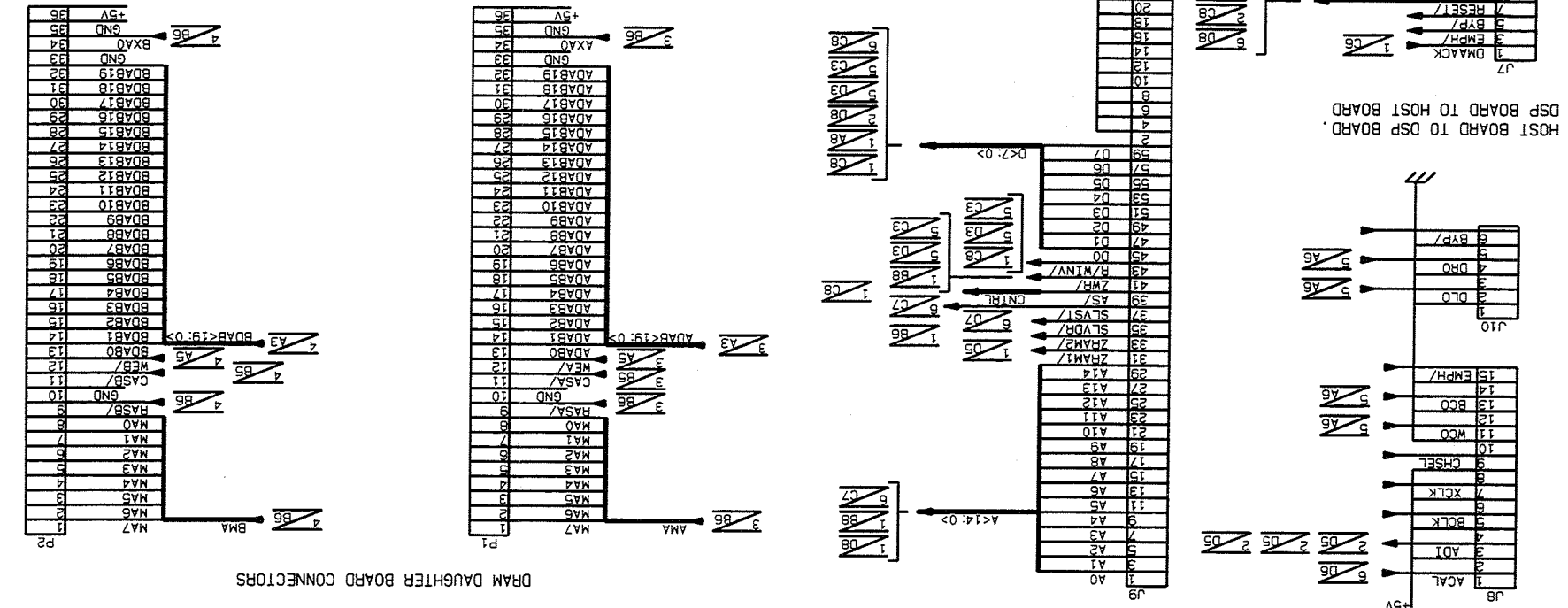
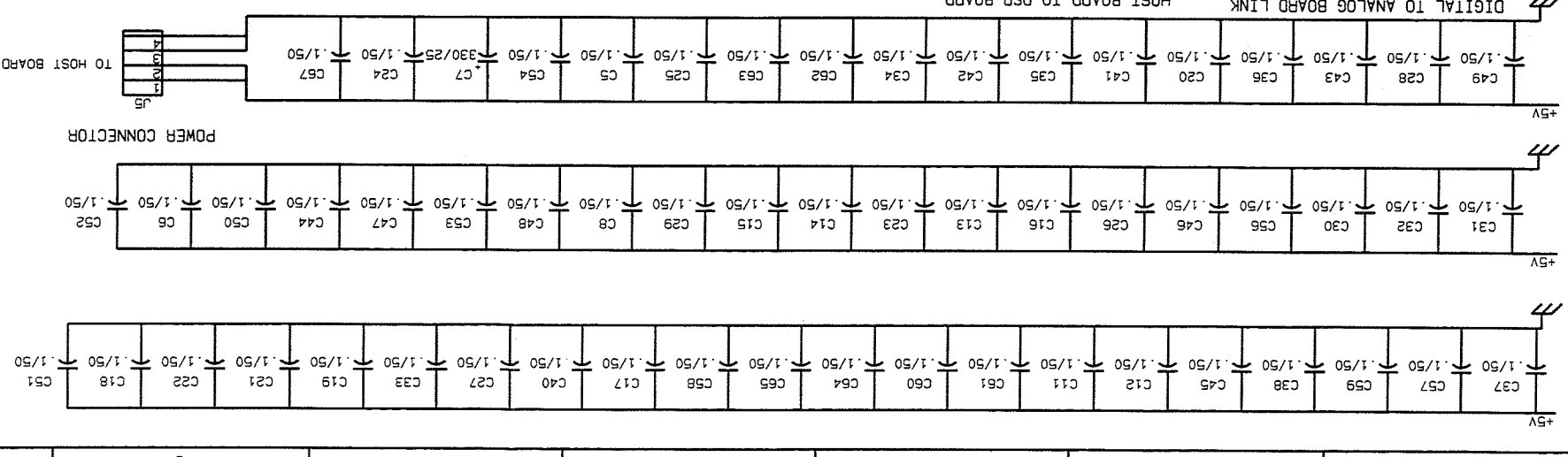
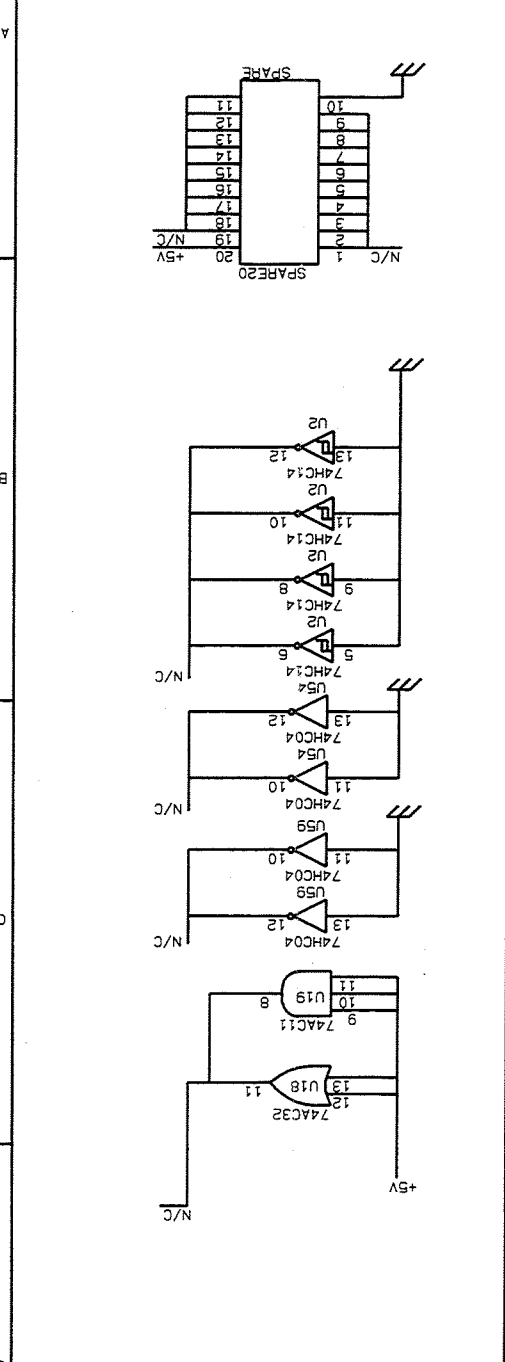
REV		DESCRIPTION		CHECKER/ AUTHORIZED		DATE	
1		10/20/89	RELEASE FOR PRODUCTION	JM		10/25/89	
		10/24/89		PF		10/25/89	
REVISIONS		TITLE		APPROVALS		DATE	
		SCEM, DSP BD, M300		DATE		1/25/89	
		AUDIO ROUTING		DRAWN PF		1/25/89	
		100 BEAVER ST. WALTHAM, MA 02154		CHECKED JRM		10/23/89	
		CONTRACT NO.		SIZE CODE NUMBER		10/25/89	
		191310		B		10/25/89	
				C.C. RM		10/25/89	
				060-07518		1	
				SHEET 2 OF 7			



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REV	DESCRIPTION	DATE	BY	CHKD
1	RELEASE FOR PRODUCTION	10/23/89	RM	RM
2	CHANGE PER ECO #891117-02	12/12/89	RM	RM
		12/13/89	RF	RF
3	CHANGE PER ECO #901117-01	5/16/90	RM	RM
		5/23/90	MF	MF

REV	DESCRIPTION	DATE	BY	CHKD
1	SCHEM, DSP BD, M300	1/25/89	RM	RM
2	BYPASS CAPS & CONNECTORS	10/23/89	RM	RM
3		10/23/89	RM	RM



REVISIONS

CONTRACT NO. 100 BEAVER ST. WALTHAM, MA 02154

APPROVALS

DATE

10/23/89

10/23/89

10/23/89

10/24/89

10/25/89

10/24/89

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10/24/89

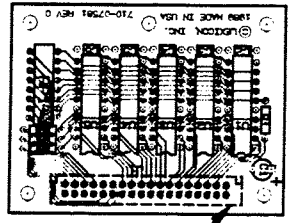
10/24/89

DO NOT SCALE DRAWINGS		ISSUED		SCALE 1:1		SHEET 1 OF 1	
APPLICATION		FINISH		D.C.		REV	
NEXT ASSY		DRAWN		CHECKED		SIZE FROM NO.	
710-07581		J.V.		9/17/89		080-07586	
MATERIAL		DATE		APPROVALS		DWG. NO.	
UNLESS OTHERWISE SPECIFIED		PC BD, 1 MEG MEM, M300		ASSEMBLY DRAWING		080-07586	
DIMENSIONS ARE IN INCHES		CONTRACT NO.		LEXICON		080-07586	
TOLERANCES ARE:							
FRACTIONS DECIMALS ANGLES							
.XXX							

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.

NOTES

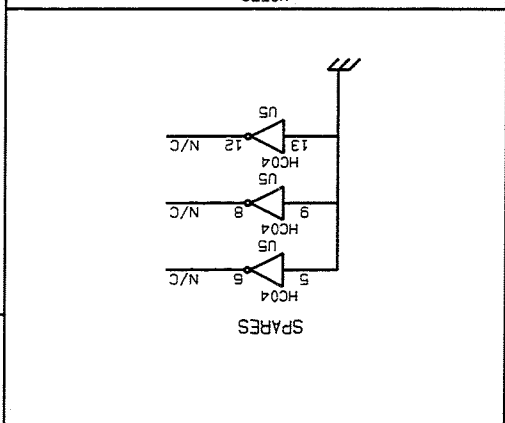
REV.	DESCRIPTION	DRAWN/CHECKER	D.C./AUTH.
0	RELEASE FOR PRODUCTION	J.V.	9/17/89
			02/28/89



CONN, 15BX, HDR, 36VCG
 P/N 510-07525 (INSTALL ON SOLDER SIDE)

REV	DESCRIPTION	CHECKED	AUTHORIZED
A	RELEASE FOR PROTOTYPE		
B	RELEASE FOR PRODUCTION		
1	RELEASE FOR PRODUCTION	RM	10/25/85
2	CHANGE R4 AND ADD R16 PER	HM	1/16/92
3	ECC 91205-00	JM	1/17/92
4	REVERSE TO ADD U4, U5, C27 & 91205-00 FOR REV 3 AIRWORK	JM	1/17/92
5	CHANGE R7 TO 110 OHMS PER	HM	10/21/94
6	ECC 940411-00	BLC	11/2/94

REV	DESCRIPTION	CHECKED	AUTHORIZED
A	RELEASE FOR PROTOTYPE		
B	RELEASE FOR PRODUCTION		
1	RELEASE FOR PRODUCTION	RM	10/25/85
2	CHANGE R4 AND ADD R16 PER	HM	1/16/92
3	ECC 91205-00	JM	1/17/92
4	REVERSE TO ADD U4, U5, C27 & 91205-00 FOR REV 3 AIRWORK	JM	1/17/92
5	CHANGE R7 TO 110 OHMS PER	HM	10/21/94
6	ECC 940411-00	BLC	11/2/94



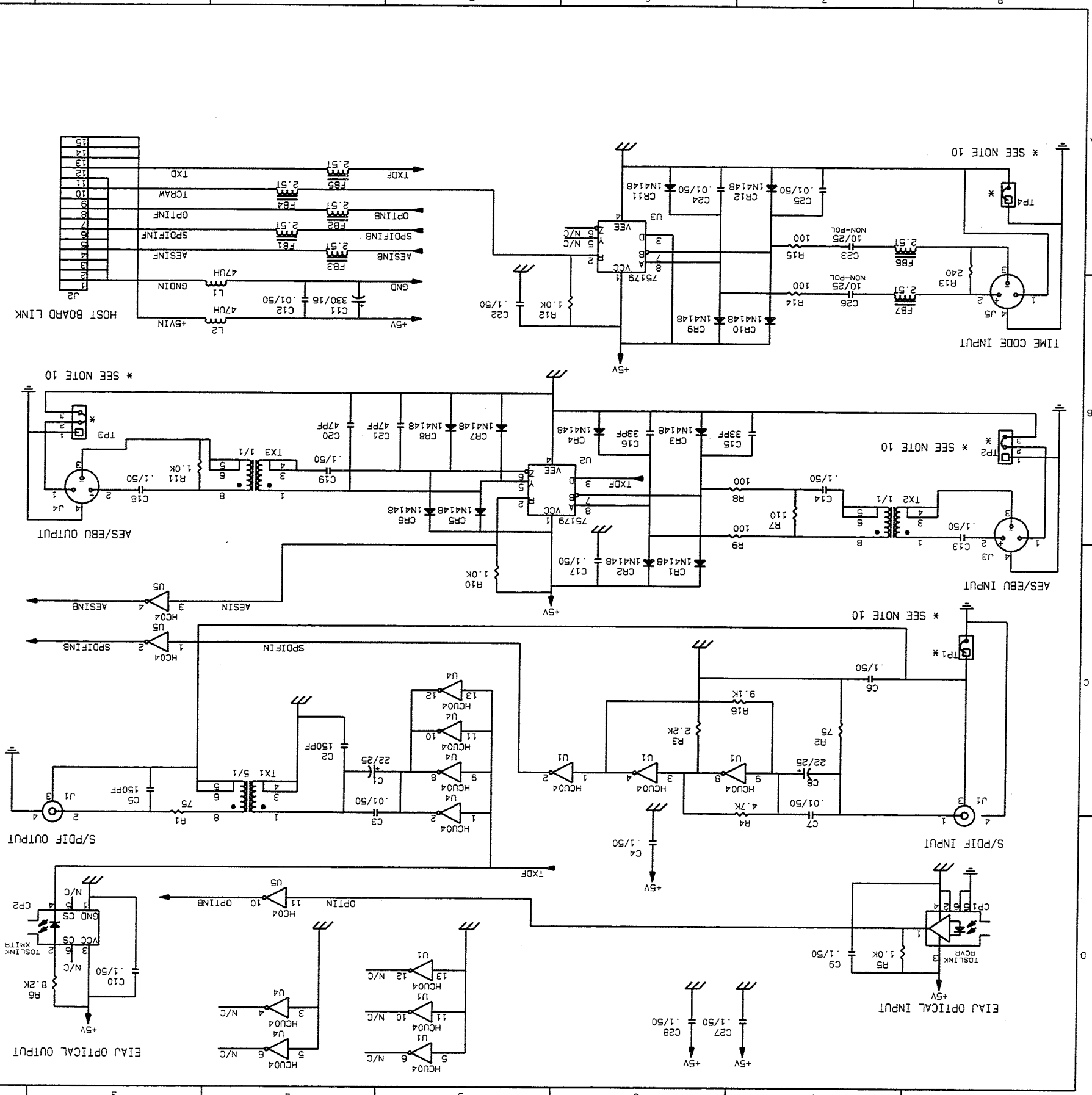
REVISIONS

REV	DESCRIPTION	CHECKED	AUTHORIZED
A	RELEASE FOR PROTOTYPE		
B	RELEASE FOR PRODUCTION		
1	RELEASE FOR PRODUCTION	RM	10/25/85
2	CHANGE R4 AND ADD R16 PER	HM	1/16/92
3	ECC 91205-00	JM	1/17/92
4	REVERSE TO ADD U4, U5, C27 & 91205-00 FOR REV 3 AIRWORK	JM	1/17/92
5	CHANGE R7 TO 110 OHMS PER	HM	10/21/94
6	ECC 940411-00	BLC	11/2/94

REV	DESCRIPTION	CHECKED	AUTHORIZED
A	RELEASE FOR PROTOTYPE		
B	RELEASE FOR PRODUCTION		
1	RELEASE FOR PRODUCTION	RM	10/25/85
2	CHANGE R4 AND ADD R16 PER	HM	1/16/92
3	ECC 91205-00	JM	1/17/92
4	REVERSE TO ADD U4, U5, C27 & 91205-00 FOR REV 3 AIRWORK	JM	1/17/92
5	CHANGE R7 TO 110 OHMS PER	HM	10/21/94
6	ECC 940411-00	BLC	11/2/94

NOTES

- UNLESS OTHERWISE INDICATED, RESISTORS ARE 5% 1/4W.
- UNLESS OTHERWISE INDICATED, CAPACITORS ARE U.F.V.
- UNLESS OTHERWISE INDICATED, DIODES ARE 1N4148.
- ANALOG GROUND = CHASSIS GND
- DIGITAL GROUND = PWR GND
- 1 DENOTES SHEET NUMBER AND 2 INTERSECT COORDINATE.
- ON BOARD CONNECTION-TO ON BOARD CONNECTION.
- SOLDER CONNECTION.
- REFERENCE DESIGNATORS, LAST USED.
- C28 CP2 C812 FB7 JS L2 R16 TP4 TX3 US
- TP1, 2, 3, 4 JUMPER SETTINGS TO BE DETERMINED.
- RP1, 2, 3, 4 JUMPER SETTINGS TO BE DETERMINED.
- RP3 OPTIONAL.
- RP13 OPTIONAL.
- FACTORY DEFAULT SETTINGS FOR TP1, TP2, TP3, TP4 ARE SHOWN.



REV	DESCRIPTION	CHECKED	AUTHORIZED
A	RELEASE FOR PROTOTYPE		
B	RELEASE FOR PRODUCTION		
1	RELEASE FOR PRODUCTION	RM	10/25/85
2	CHANGE R4 AND ADD R16 PER	HM	1/16/92
3	ECC 91205-00	JM	1/17/92
4	REVERSE TO ADD U4, U5, C27 & 91205-00 FOR REV 3 AIRWORK	JM	1/17/92
5	CHANGE R7 TO 110 OHMS PER	HM	10/21/94
6	ECC 940411-00	BLC	11/2/94

ISSUED BY: 10/26/85
 CHECKED BY: 10/25/85
 SIZE: B
 SCHEM. AES BD, M300 INTERFACE
 DATE: 2/28/89
 APPROVALS: [Signature]
 TITLE: SCHEM. AES BD, M300 INTERFACE
 100 BEAVER ST., WALTHAM, MA 02154
 CONTRACT NO.: [Blank]
 EXICON

ISSUED	SCALE 1:1	SHEET 1 OF 1
REV 2	DATE 11/15/79	REV 2
REV 1	DATE 11/14/79	REV 1
PC BD, PS, M300L	ASSEMBLY DRAWING	080-10811

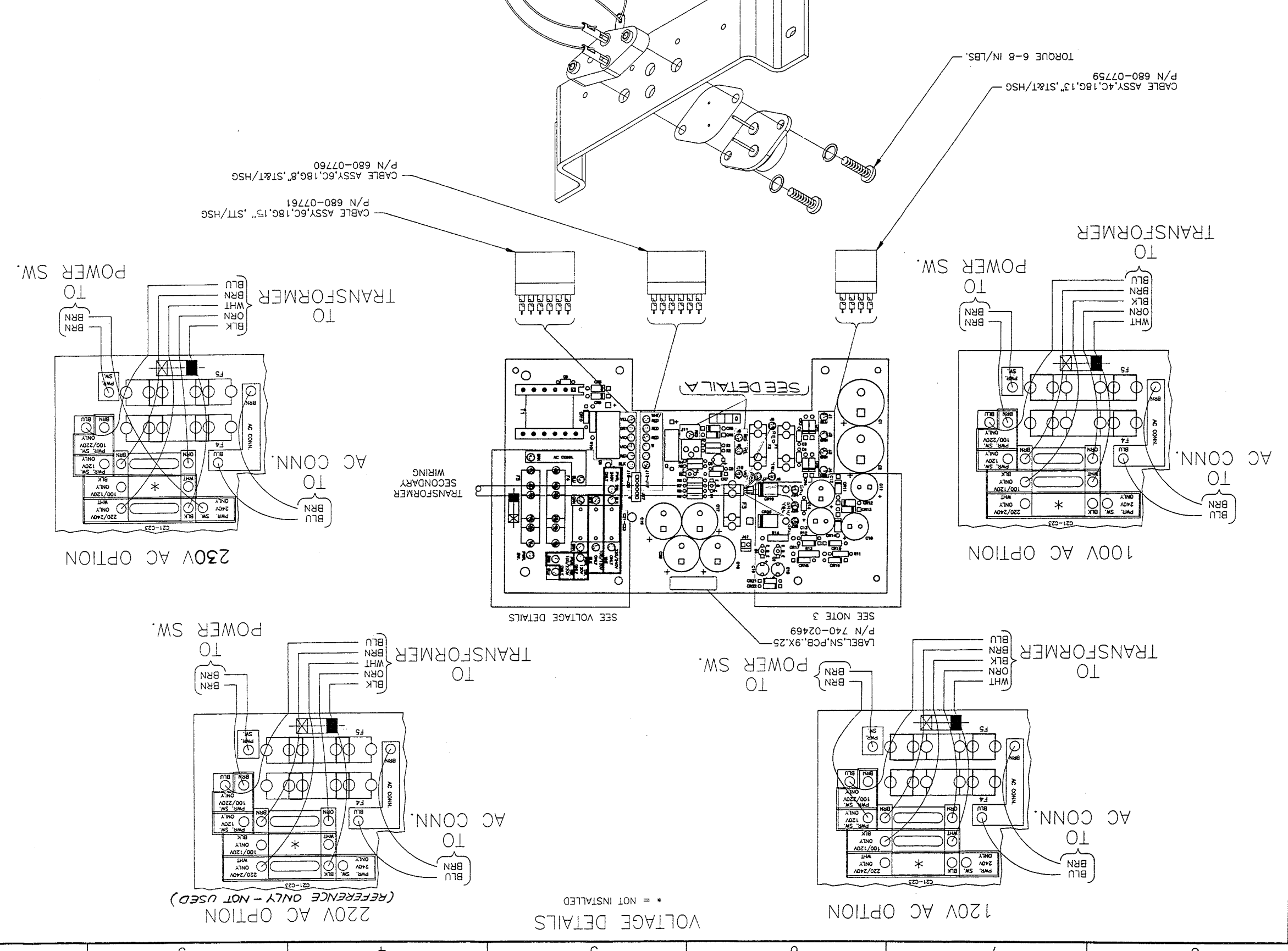
CONTRACT NO.	APPROVALS	DATE
LEXICON	JV	11/14/79
	DATE	11/14/79
	CHECKED	ME
	SIZE	11/14/79
	DWG. NO.	080-10811
	Q.C.	D

DO NO SCALE DRAWING	APPLICATION
FINISH	USED ON
MATERIAL	710-10808
FUNCTIONS DETAILS AND	
NOTES	

NOTES

1. ALL COMPONENTS TO BE INSTALLED FROM COMPONENT SIDE OF PCB.
2. MASKING FOR POST-SOLDER ASSEMBLY IS INDICATED BY *
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, 023-11117 FOR M300, FOR M300L, OR 023-11116, 023-11117 FOR M300.
6. PACKAGE COMPLETED ASSEMBLY IN A STATIC SHIELDING BAG TO PREVENT ESD DAMAGE DURING SHIPMENT.

REV	DESCRIPTION	DRAWN/CHECKER	O.C./AUTH.
1	REV FOR 230V PER ECO # 950125-00	AN 2/22/95	CM 1/17/75
2	ADD M300 BOM'S AND MASKING FOR FUSES F4FS (REF ECU # 950427-00)	EG 8/22/95	CM 3/12/93



1	2	3	4	5	6	7	8
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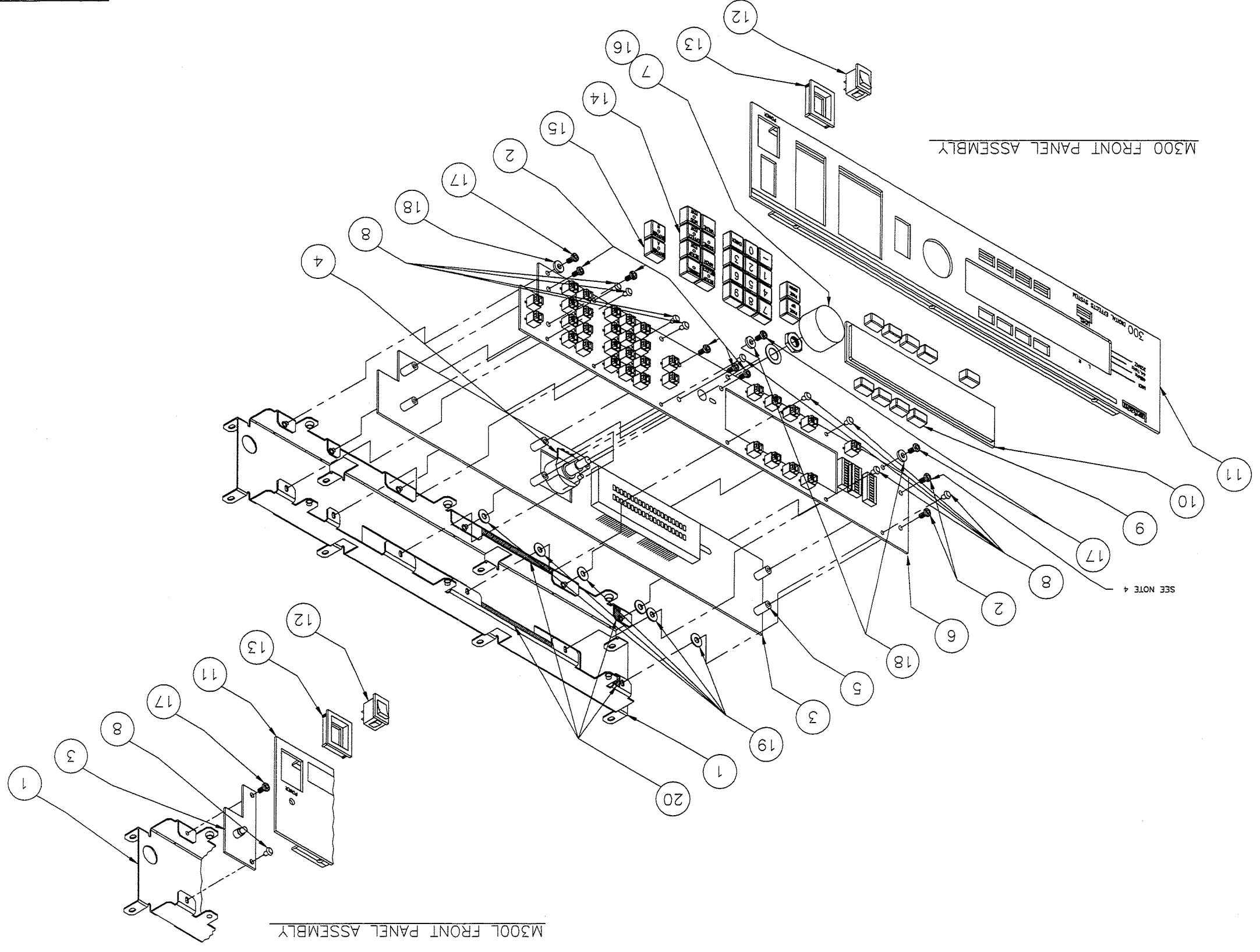
1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

REV		DESCRIPTION	DATE/	CHECKER/	AUTHORIZED
REVISIONS					
NOTES					
1.	↑	ANALOG	CHASSIS	GROUND	ANALOG
2.	1	DENOTES	SHEET	NUMBER	AND
3.	2	INTERSECT	COORDINATE		
	3	ON BOARD	CONNECTION-TO		
		ON BOARD	CONNECTION-FROM		
		SOLDER	CONNECTION		
CONTRACT NO.		100 BEAVER ST. WALTHAM, MA 02154			
TITLE		SCEM, FP LED BD, M300L			
APPROVALS	DATE	CM	8/8/94	CM	8/8/94
ISSUED	DHS	8/8/94	CM	8/8/94	CM
Q.C.	PMH	8/8/94	CM	8/8/94	CM
REV.	0	060-10684	0	060-10684	0
SHEET 1 OF 1					

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

1	2
3	1
3	1
SHEET	
REVISION	
DOCUMENT CONTROL BLOCK	
<p>1. PART NUMBER LISTING IS REFERENCE ONLY AND DOES NOT SUPERSEDE THE BILL OF MATERIAL.</p> <p>2. FOR ASSEMBLY NOTES REFER TO DOCUMENT #080-07594.</p> <p>3. FOR UNITS WITH FRONT PANEL ASSEMBLIES BUILT WITH REV. 1, 2, 3 FP PROC BDS #025-07422 AND REV. 1, 2 FP SWITCH #025-07426: USE ITEMS 1A, 4A, 7A IN PLACE OF ITEMS 1, 4, 7 AND ADD ITEMS 19, 20.</p> <p>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.</p>	

REV.	DESCRIPTION	DWR/CHKD	Q.C./AUTH
0	RELEASE FOR PRODUCTION	JV 2/1/90	CM 2/6/90
1	REVISED PER ECO #S 900327-01-A, 900705-00-A AND 910201-00. UPDATED DOC. CTL BLK AND FRONT PANEL GRAPHICS.	JRM 4/11/91	JM 6/11/91
2	CHANGED BUTTON "RUN" TO "SETUP" AND SELECT, AND UPDATED DOC. CTL BLK PER ECO #911210-00.	JRM 12/12/91	JM 12/12/91
3	ADDED M300L FRONT PANEL DETAIL, AND REMOVED WASHER FROM DCR#940927-00; CHANGED SHEET 2 PER DCR#941014-00; M300L DETAIL PER UPDATED DOC CTL BLK	JV 10/14/94	CM 11/18/94
		JM 10/18/94	JM 8/10/95



M300 FRONT PANEL ASSEMBLY

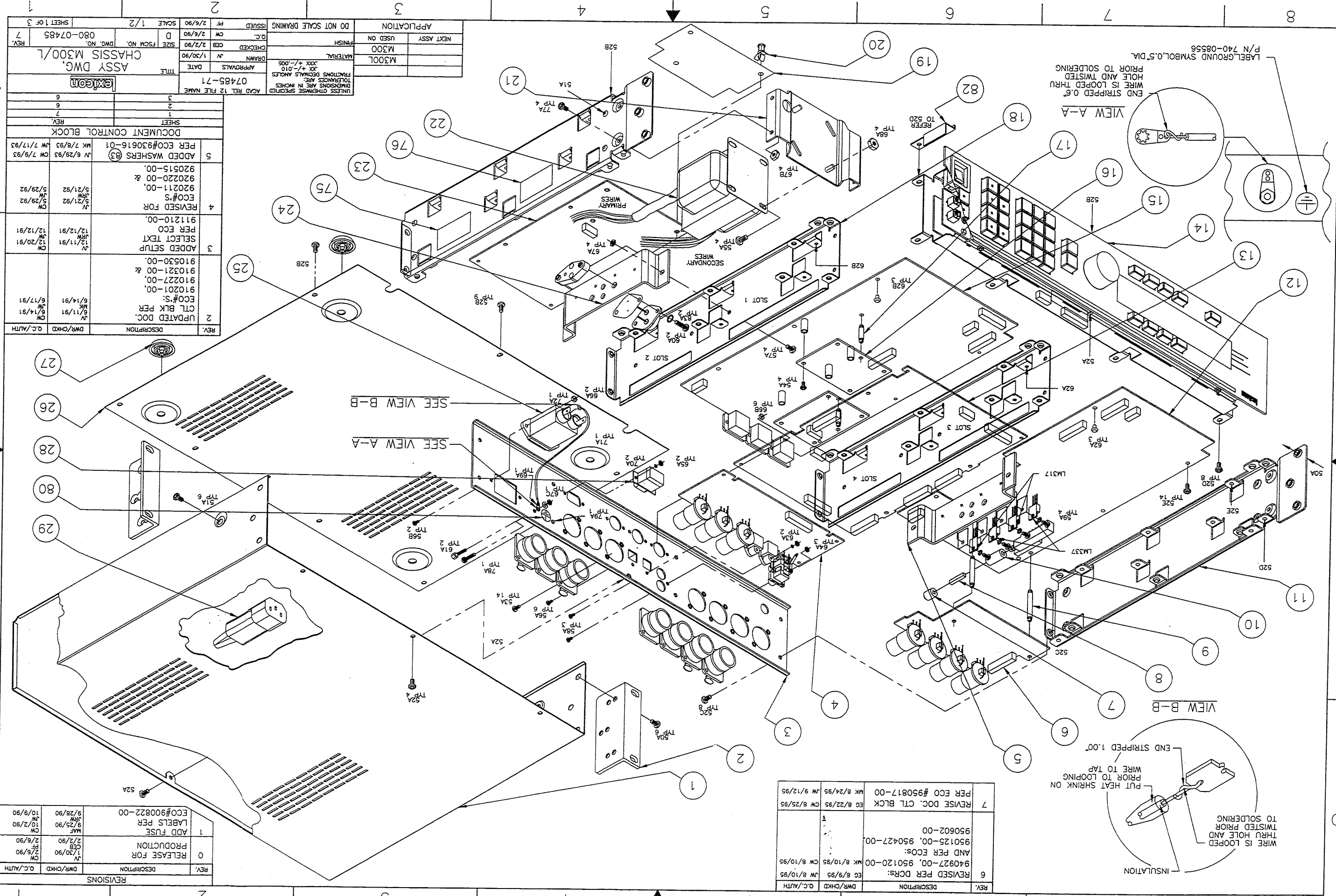
M300L FRONT PANEL ASSEMBLY

A

B

C

D

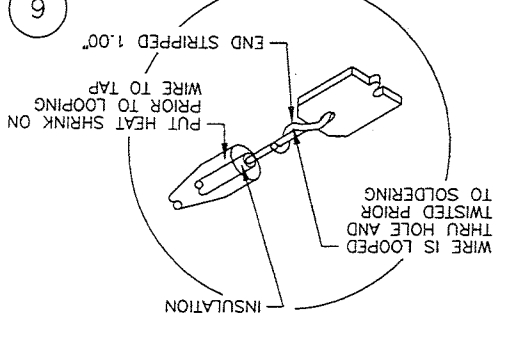
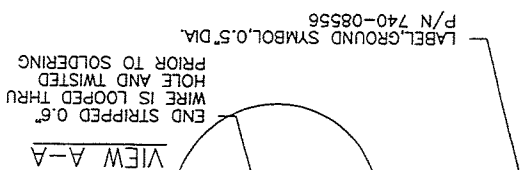


ISSUED	2/6/90	SCALE	1/2	SHEET	1 OF 3
CHECKED	2/6/90	SIZE	D	DWG. NO.	080-07485
DRAWN	1/30/90	FSCM NO.		TITLE	ASSY DWG, CHASSIS M300/L
APPROVALS	DATE	ACAD REL. 12 FILE NAME			
07485-71					
LEXICON					

REV.	DESCRIPTION	DWR/CHKD	Q.C./AUTH
2	UPDATED DOC. CTL BLK PER ECO#S: 910201-00, 910227-00, 910321-00 & 910530-00.	JM	6/17/91
3	ADDED SETUP SELECT TEXT PER ECO 911210-00.	JM	12/12/91
4	REVISED FOR ECO#S: 920211-00, 920220-00 & 920515-00.	JM	5/29/92
5	ADDED WASHERS PER ECO#930616-01.	JM	7/9/93

REV.	DESCRIPTION	DWR/CHKD	Q.C./AUTH
0	RELEASE FOR PRODUCTION	CEB	2/6/90
1	ADD FUSE LABELS PER ECO#900822-00.	JM	9/28/90

REV.	DESCRIPTION	DWR/CHKD	Q.C./AUTH
6	REVISED PER DCRS: 940927-00, 950120-00 AND PER ECOS: 950125-00, 950427-00, 950602-00.	EG	8/9/95
7	REVISE DOC. CTL BLK PER ECO #950817-00.	EG	8/22/95



SEE VIEW A-A
SEE VIEW B-B

VIEW B-B

VIEW A-A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS DECIMAL ANGLES

MATERIAL M300

USED ON NEXT ASSY

FINISH

DO NOT SCALE DRAWING

ISSUED

SCALE

SHEET

REV.

DESCRIPTION

DWR/CHKD

Q.C./AUTH

DATE

APPROVALS

DRAWN

CHECKED

SIZE

FSCM NO.

DWG. NO.

TITLE

ISSUED

SCALE

SHEET

REV.

DESCRIPTION

DWR/CHKD

Q.C./AUTH

DATE

APPROVALS

DRAWN

CHECKED

SIZE

FSCM NO.

DWG. NO.

TITLE

ISSUED

SCALE

SHEET

REV.

DESCRIPTION

DWR/CHKD

Q.C./AUTH

ITEM #	COMPONENT #	DESCRIPTION	QTY	UNITS	WHERE USED
1.	700-08109	COVER, TOP, 2UX13.51	1.00	EA	
2.	701-07756	BRACKET, MTG, FRACK, 2U, M300	2.00	EA	
3.	702-07730	PANEL, REAR, M300	1.00	EA	
4.	023-07505	PLAES INTERFACE BD ASSY	1.00	EA	
5.	024-07808	PLHS ASSY, ANALOG BD, M300	1.00	EA	
6.	023-07522	PLANLG I/O BD ASSY, M300	1.00	EA	
7.	550-03827	BUTTON, 346RD, BLK	1.00	EA	
8.	720-06893	ROD, 1/8SX5/8L, ACRYLIC	1.00	EA	
9.	630-07550	SPCR, SNAP-IN, 1.8DIA X 1.125L, NYL	2.00	EA	
10.	630-07716	SPCR, #8CLX2.000, 1/4RD, PH	1.00	EA	
11.	701-08112	SUPPORT, SIDE, 2UX13.43	2.00	EA	
12.	023-07410	PLANALOG BD ASSY, M300	1.00	EA	
13.	023-07406	PL, HOST BD ASSY, M300	1.00	EA	
14.	023-07419	PL, FP ASSY, M300	1.00	EA	
15.	023-10667	PL, FP ASSY, M300	1.00	EA	M300 ONLY
	023-10667	PL, FP ASSY, M300	1.00	EA	
	023-10798	PL, DSP BD ASSY, M300	1.00	EA	
16.	023-07591	PL, IM MEMORY BD, M300	2.00	EA	
17.	630-07549	SPCR, SNAP-IN, 1.8DX.5L, NYL	2.00	EA	
18.	701-07482	SUPPORT, CENTER, M300	2.00	EA	
19.	702-07758	COVER, PROTECTIVE, AC, M300	1.00	EA	
20.	630-07846	SPCR, PCB/FOOT, .250, NYL	3.00	EA	
21.	700-07563	BRACKET, MTG, XFORMER, M300	1.00	EA	
22.	470-07508	TRANSFORMER, POWER, 50VA	1.00	EA	
23.	023-08689	PL, PWR SUPPLY BD, M300, 100V	1.00	EA	
	023-07413	PL, PWR SUPPLY BD, M300, 120V	1.00	EA	M300 ONLY
	023-07413	PL, PWR SUPPLY BD, M300, 120V	1.00	EA	
	023-07813	PL, PWR SUPPLY BD, M300, 240V	1.00	EA	
	023-07813	PL, PWR SUPPLY BD, M300, 240V	1.00	EA	M300 ONLY (WAS 220V)
	023-10791	PL, PS BD ASSY, M300, 100V	1.00	EA	
	023-10792	PL, PS BD ASSY, M300, 120V	1.00	EA	
	023-10793	PL, PS BD ASSY, M300, 230V	1.00	EA	
	023-11115	PL, PS BD ASSY, M300, 100V, NEW	1.00	EA	
	023-11116	PL, PS BD ASSY, M300, 120V, NEW	1.00	EA	
	023-11117	PL, PS BD ASSY, M300, 230V, NEW	1.00	EA	
24.	023-07429	PL, HS ASSY, PS BD, M300	1.00	EA	
25.	490-00396	CONN, AC AND RFI FILTER	1.00	EA	
26.	702-08111	PLATE, BOTTOM, 16.88X13.37	1.00	EA	
27.	541-07547	BUMPER, FEET, .98DIA X 2. RVT MTG	4.00	EA	
28.	680-07719	CABLE, XITTON/DE9S, 10C, 2"	1.00	EA	
29.	680-00841	CORD, POWER, NA/IEC, SVT, 18/3, 7.6	1.00	EA	
30.	640-08874	SCRW, 10-32X3/8, FH, PH, BLK	6.00	EA	
31.	640-07816	SCRW, 10-32X5/16, PNH, PH, SEMS, BK	6.00	EA	
32.	641-08796	SCRW, TAP, C, 6-32X5/16, THG, PD, BK	43.0	EA	
33.	640-01704	SCRW, 4-40X5/16, FH, PH, ZN	14.0	EA	
34.	640-03713	SCRW, 6-32X1/4, PNH, PH, SEMS, ZN	4.00	EA	
35.	640-01721	SCRW, 8-32X3/8, PNH, PH, ZN	4.00	EA	
36.	640-02812	SCRW, 4-40X3/8, PNH, PH, BLK	8.00	EA	TORQUE 6-8 IN./LBS.
37.	640-07774	SCRW, 6-32X3/8, HWH, SL, ZN	4.00	EA	
38.	640-08061	SCRW, 2-56X3/4, PNH, PH, BLK	3.00	EA	
39.	641-04021	SCRW, TAP, SW, 4-40X1/4, PNH, PH, ZN	4.00	EA	
40.	640-01719	SCRW, 6-32X1/2, PNH, PH, ZN	2.00	EA	
41.	527-00138	CONN, D-SUB, JACKSOCKET, 150"	2.00	EA	
42.	650-07551	RVT, SNAP-IN, 1.6DIA, NYL	6.00	EA	
43.	644-06635	WSHR, INT STAR, #2, ZN	2.00	EA	
44.	643-01855	NUT, 2-56, HEX, ZN	3.00	EA	
45.	643-01733	NUT, 4-40, HEX, SMALL, ZN	2.00	EA	
46.	643-01732	NUT, 4-40, KEP, ZN	8.00	EA	
47.	643-01728	NUT, 6-32, KEP, ZN	9.00	EA	
48.	643-01734	NUT, 8-32, KEP, ZN	4.00	EA	
49.	620-01999	LOG, SOLDER, LCKNG, #6, .020THK	1.00	EA	
50.	644-01747	WSHR, INT STAR, #4	2.00	EA	
51.	675-08800	WIRE, 18G, GRN/YEL, 4.5", SSX2	1.00	EA	
52.	690-02060	SLEEVEING, SHRINK, 3/16X1/2LG, BLK	1.00	EA	
53.	740-10677	LABEL, PRODUCT ID, M300	1.00	EA	M300 ONLY
54.	740-08469	LABEL, PRODUCT ID, M300	1.00	EA	
55.	740-08582	LABEL, CLA APPROVAL, M300	1.00	EA	
56.	740-08453	LABEL, FUSE, CAUTION, M300, F4-5	1.00	EA	
57.	640-01716	SCRW, 6-32X3/8, PNH, PH, ZN	4.00	EA	
58.	640-03087	SCRW, 6-32X3/8, PNH, PH, SEMS, BLK	1.00	EA	
59.	644-01735	WSHR, FL, #6CLX3/80DX1/32THK	1.00	EA	
60.	740-08556	LABEL, GROUND SYMBOL, 0.5" DIA.	1.00	EA	

(SEE NOTE #1)

PARTS LIST

REV.	DESCRIPTION	DWR/CHKD	Q.C./AUTH
0	RELEASE FOR PRODUCTION	JV	2/6/90
1	REVISE LABEL ON	JRM	9/25/90
		JM	10/2/90
		JM	10/9/90
	900416-01-A	JM	9/28/90
	900822-00 AND	JM	10/2/90
	900918-00 REVISE	JM	9/28/90
	ECO'S #		
	70 WSHR PER		
	900104-00-A AND		
	900518-00		
2	REVISED (52) PER	JM	6/14/91
	ECO# 910201-00, PART		6/17/91
	PER ECO#		
	910227-00,		
	DELETED (1 PER)		
	OF (56) & (66) ADDED		
	(1 PER) OF (67)		
	ADDED (78) (9) PER		
	REVISED (50) PER		
	ECO# 910530-00.		
3	ADD ITEMS (80) (81)	JM	5/29/92
	& FIX (71) PER		5/21/92
	ECO'S		
	920211-00,		
	920220-00 &		
	920515-00.		
4	ADDED (63) WSHRS & (60)	JM	6/29/93
	TORQUE INFO, PER ECO		7/9/93
	#930616-01		7/8/93
5	REVISE (4) PER DCR	JM	8/10/95
	PER ECO#940929-00;		
	REVISE (15) & (23) PER		
	ECO#941014-00;		
	DELETE NOTE #3		
	PER DCR 950120-00;		
	REVISE (23) & (81)		
	PER ECO 950125-00;		
	REVISE (23)		
	PER ECO 950427-00;		
	ADD (84)		
	PER ECO 950602-00;		
	REVISE (73) & (81);		
	REVISE NOTE #1.		
6	ADD (74) CLA &	JM	8/24/95
	PER ECO #950817-00		8/24/95
	TUV TO M300		

- PART NUMBER LISTING IS REFERENCE ONLY AND DOES NOT SUPERSIDE THE BILL OF MATERIAL.
- UNLESS OTHERWISE NOTED, PARTS ARE USED ON BOTH M300 & M300L.
- LETTERS DESIGNATE SCREW PATHS.

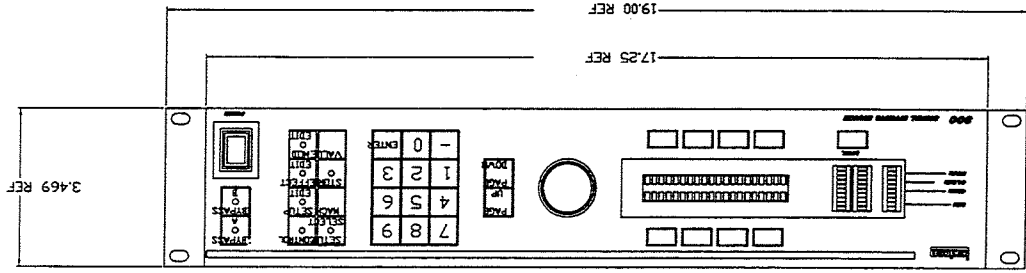
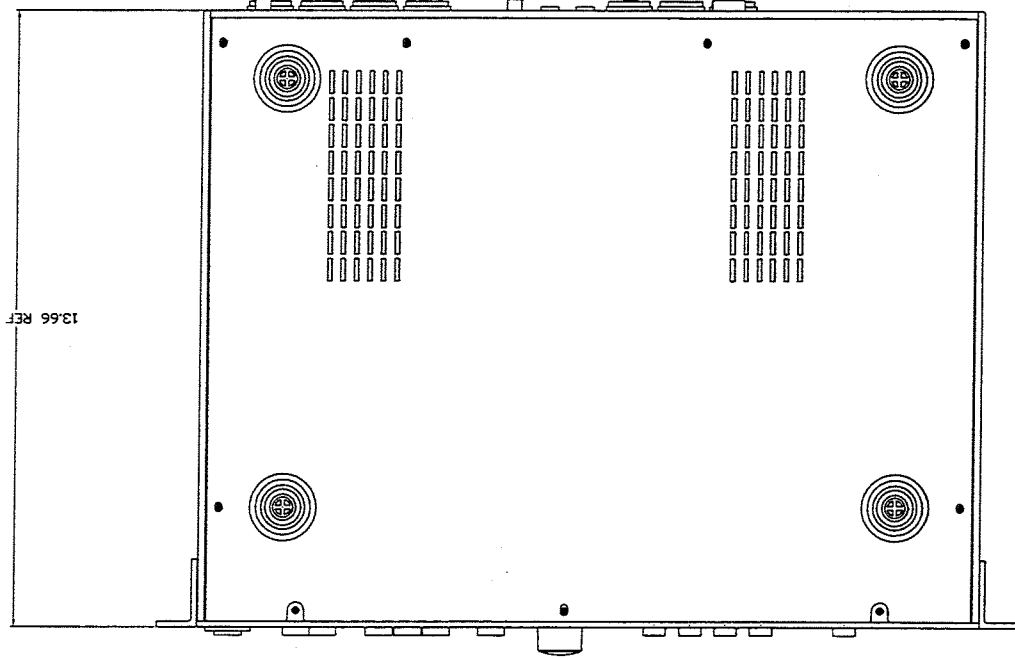
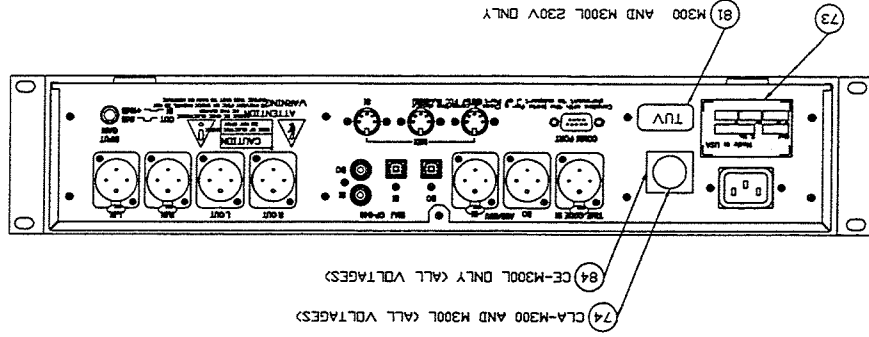
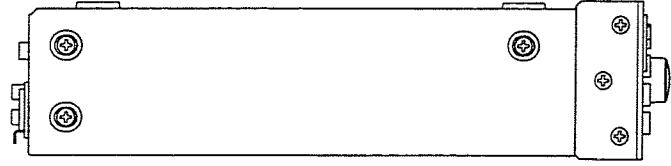
NOTES

REV.	DESCRIPTION	DWR/CHKD	Q.C./AUTH
0	RELEASE FOR PRODUCTION	JV	2/6/90
1	REVISE LABEL ON	JRM	9/25/90
		JM	10/2/90
		JM	10/9/90
	900416-01-A	JM	9/28/90
	900822-00 AND	JM	10/2/90
	900918-00 REVISE	JM	9/28/90
	ECO'S #		
	70 WSHR PER		
	900104-00-A AND		
	900518-00		
2	REVISED (52) PER	JM	6/14/91
	ECO# 910201-00, PART		6/17/91
	PER ECO#		
	910227-00,		
	DELETED (1 PER)		
	OF (56) & (66) ADDED		
	(1 PER) OF (67)		
	ADDED (78) (9) PER		
	REVISED (50) PER		
	ECO# 910530-00.		
3	ADD ITEMS (80) (81)	JM	5/29/92
	& FIX (71) PER		5/21/92
	ECO'S		
	920211-00,		
	920220-00 &		
	920515-00.		
4	ADDED (63) WSHRS & (60)	JM	6/29/93
	TORQUE INFO, PER ECO		7/9/93
	#930616-01		7/8/93
5	REVISE (4) PER DCR	JM	8/10/95
	PER ECO#940929-00;		
	REVISE (15) & (23) PER		
	ECO#941014-00;		
	DELETE NOTE #3		
	PER DCR 950120-00;		
	REVISE (23) & (81)		
	PER ECO 950125-00;		
	REVISE (23)		
	PER ECO 950427-00;		
	ADD (84)		
	PER ECO 950602-00;		
	REVISE (73) & (81);		
	REVISE NOTE #1.		
6	ADD (74) CLA &	JM	8/24/95
	PER ECO #950817-00		8/24/95
	TUV TO M300		

REV.	DESCRIPTION	DWR/CHKD	Q.C./AUTH
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		JM	10/9/90
	900416-01-A	JM	9/28/90
	900822-00 AND	JM	10/2/90
	900918-00 REVISE	JM	9/28/90
	ECO'S #		
	70 WSHR PER		
	900104-00-A AND		
	900518-00		
2	REVISED (52) PER	JM	6/14/91
	ECO# 910201-00, PART		6/17/91
	PER ECO#		
	910227-00,		
	DELETED (1 PER)		
	OF (56) & (66) ADDED		
	(1 PER) OF (67)		
	ADDED (78) (9) PER		
	REVISED (50) PER		
	ECO# 910530-00.		
3	ADD ITEMS (80) (81)	JM	5/29/92
	& FIX (71) PER		5/21/92
	ECO'S		
	920211-00,		
	920220-00 &		
	920515-00.		
4	ADDED (63) WSHRS & (60)	JM	6/29/93
	TORQUE INFO, PER ECO		7/9/93
	#930616-01		7/8/93
5	REVISE (4) PER DCR	JM	8/10/95
	PER ECO#940929-00;		
	REVISE (15) & (23) PER		
	ECO#941014-00;		
	DELETE NOTE #3		
	PER DCR 950120-00;		
	REVISE (23) & (81)		
	PER ECO 950125-00;		
	REVISE (23)		
	PER ECO 950427-00;		
	ADD (84)		
	PER ECO 950602-00;		
	REVISE (73) & (81);		
	REVISE NOTE #1.		
6	ADD (74) CLA &	JM	8/24/95
	PER ECO #950817-00		8/24/95
	TUV TO M300		

REV.	DESCRIPTION	DWR/CHKD	Q.C./AUTH
0	RELEASE FOR PRODUCTION	JV	2/6/90
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	900416-01-A	JM	9/28/90
	900822-00 AND	JM	10/2/90
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	ECO'S #		
	70 WSHR PER		
	900104-00-A AND		
	900518-00		
2	REVISED (52) PER	JM	6/14/91
	ECO# 910201-00, PART		6/17/91
	PER ECO#		
	910227-00,		
	DELETED (1 PER)		
	OF (56) & (66) ADDED		
	(1 PER) OF (67)		
	ADDED (78) (9) PER		
	REVISED (50) PER		
	ECO# 910530-00.		
3	ADD ITEMS (80) (81)	JM	5/29/92
	& FIX (71) PER		5/21/92
	ECO'S		
	920211-00,		
	920220-00 &		
	920515-00.		
4	ADDED (63) WSHRS & (60)	JM	6/29/93
	TORQUE INFO, PER ECO		7/9/93
	#930616-01		

DO NOT SCALE DRAWING		ISSUED	2/6/90	SCALE	1/2	SHEET 3 OF 3	
APPLICATION	M300L	FINISH	CV	2/6/90	SIZE	DWG. NO.	080-07485
	M300	CHECKED	CEJ	2/6/90	D	FSCM NO.	
	M300L	DRAWN	JV	1/26/90	TITLE	ASSY DWG. CHASSIS M300/L	
		APPROVALS	DATE	07485-63	lexicon		



REV.	DESCRIPTION	Q.C./AUTH	DATE
0	RELEASE FOR PRODUCTION	CV	2/6/90
1	REVISE LABELS PER ECOS #900416-01-A AND 900822-00.	MJK JV	9/28/90 10/9/90
2	UPDATED FRONT PANEL GRAPHICS	MJK JV	6/11/91 6/17/91
3	ADDED SETUP SELECT TEXT	JV	12/11/91 12/20/91 12/12/91
4	ADD TUV LABEL PLACEMENT PER ECOS #920211-00, 920220-00 & 920515-00.	JV MJK JV	5/21/92 5/29/92 5/21/92
5	ADD (84) PER ECO 950602-00	EG MJK JV	8/9/95 8/10/95 8/10/95
6	ADD CLA & TUV PER ECO #950817-00	EG MJK JV	8/22/95 8/24/95 9/12/95

1 2 3 4

A

B

C

D

A

B

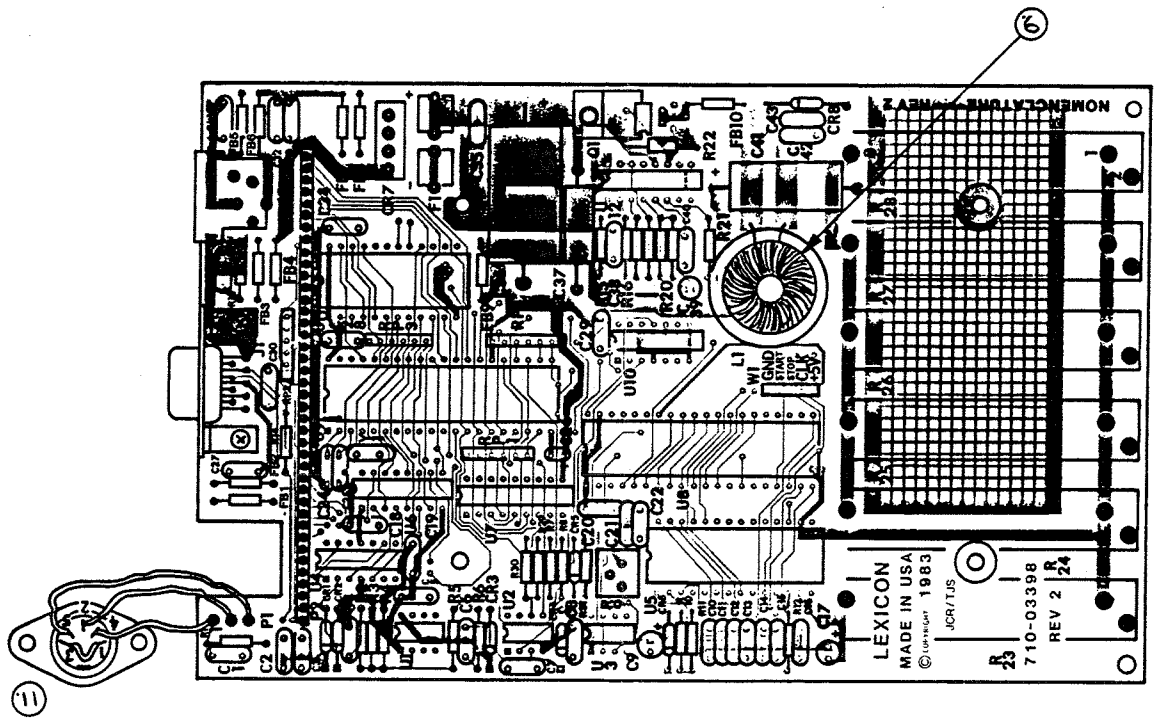
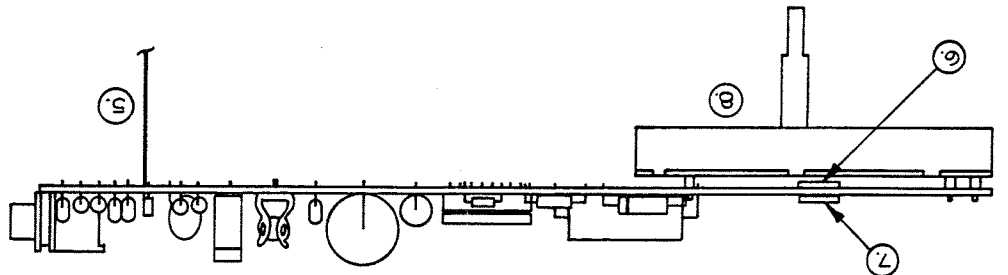
C

D

SCALE FULL		DO NOT SCALE DRAWING	
ISSUED	FINISH	USED ON	APPLICATION
CHECKED	MATERIAL		
DRAWN	FRACTIONS DECIMALS ANGLES		
APPROVALS	TOLERANCES ARE IN INCHES		
DATE	UNLESS OTHERWISE SPECIFIED		
	CONTRACT NO.		
PARTS LIST			
QTY	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION

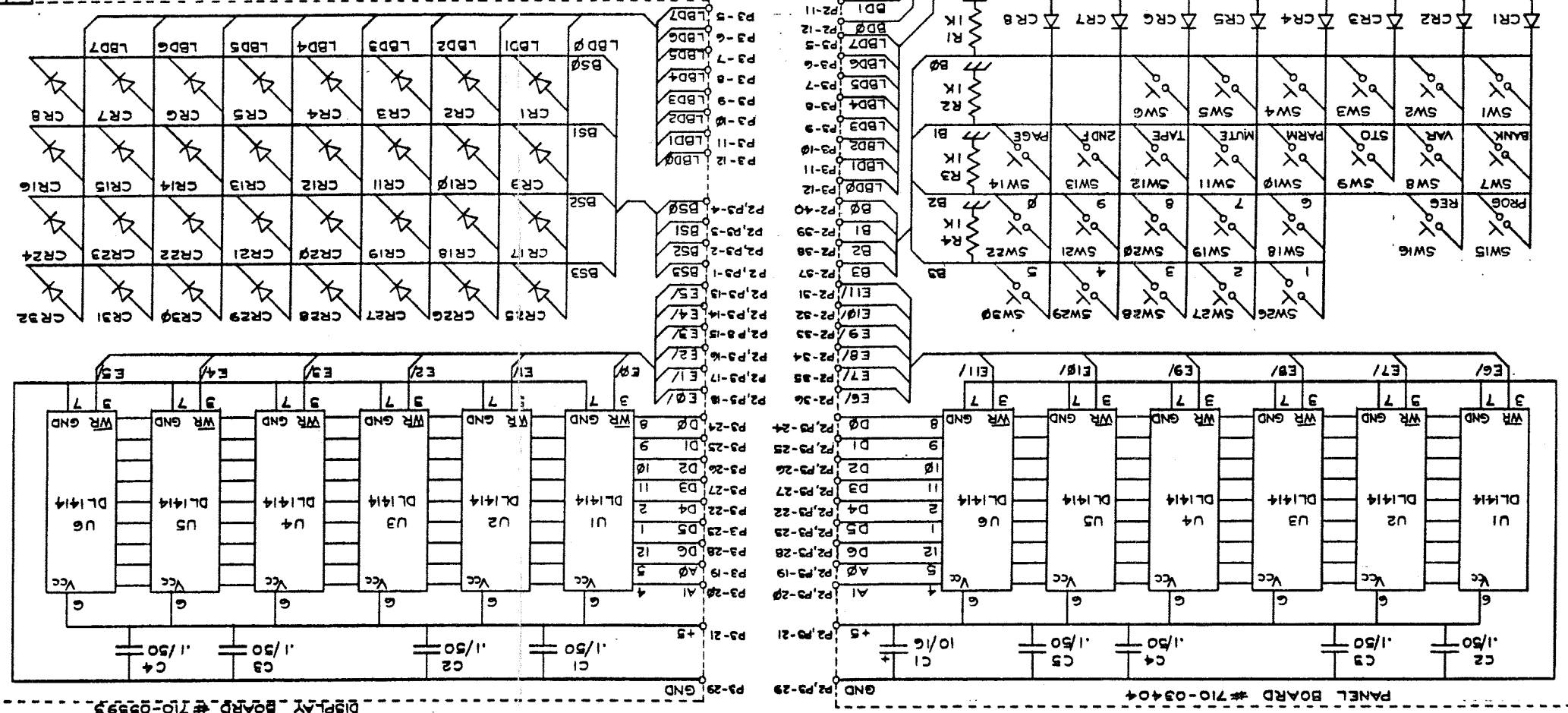
PC ASSEMBLY DRAWING
ELECTRONICS BOARD, LARC

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1	REDRAWN TO CONFORM TO REV 2 BOARDS.	11/1/83	KR
2	REVISE DIN CONN THROUGH NOTES 9 AND 11 PER ECO# 911223-00	02/12/92	WV



1 2 3 4

SHEET 2 OF 2 060-0353+ 2		SCALE N/A 3-18-63 7-16-62 1-17-61		DO NOT SCALE DRAWING APPLICATION NEXT ASST. USED ON	
EXCOR SCHEMATIC, LARC		DRAWN JSB CHECKED JTB APPROVALS		MATERIAL PARTS LIST	
PARTS LIST NOMENCLATURE QUANTITY IDENTIFYING NO. PART OR IDENTIFYING NO. QTY CODE		DIMENSIONS ARE IN INCHES TOLERANCES ARE AS SHOWN UNLESS OTHERWISE SPECIFIED		DIMENSIONS ARE IN INCHES TOLERANCES ARE AS SHOWN UNLESS OTHERWISE SPECIFIED	



NOTES

- PINS P2-1 THROUGH P2-4 ARE CONNECTED TO P3-1 THROUGH P3-4 AND P2-13 THROUGH P2-29 ARE CONNECTED TO P3-13 THROUGH P3-29. THESE CONNECTIONS ARE MADE ON THE PANEL BOARD.
- THE MC34060 (14 PIN PACKAGE) AND THE TL494 (16 PIN PACKAGE) ARE PINOUT COMPATIBLE WITH PIN 1 BEING THE SAME ON EACH. PIN NUMBERS LISTED ARE FOR THE TL494.

