

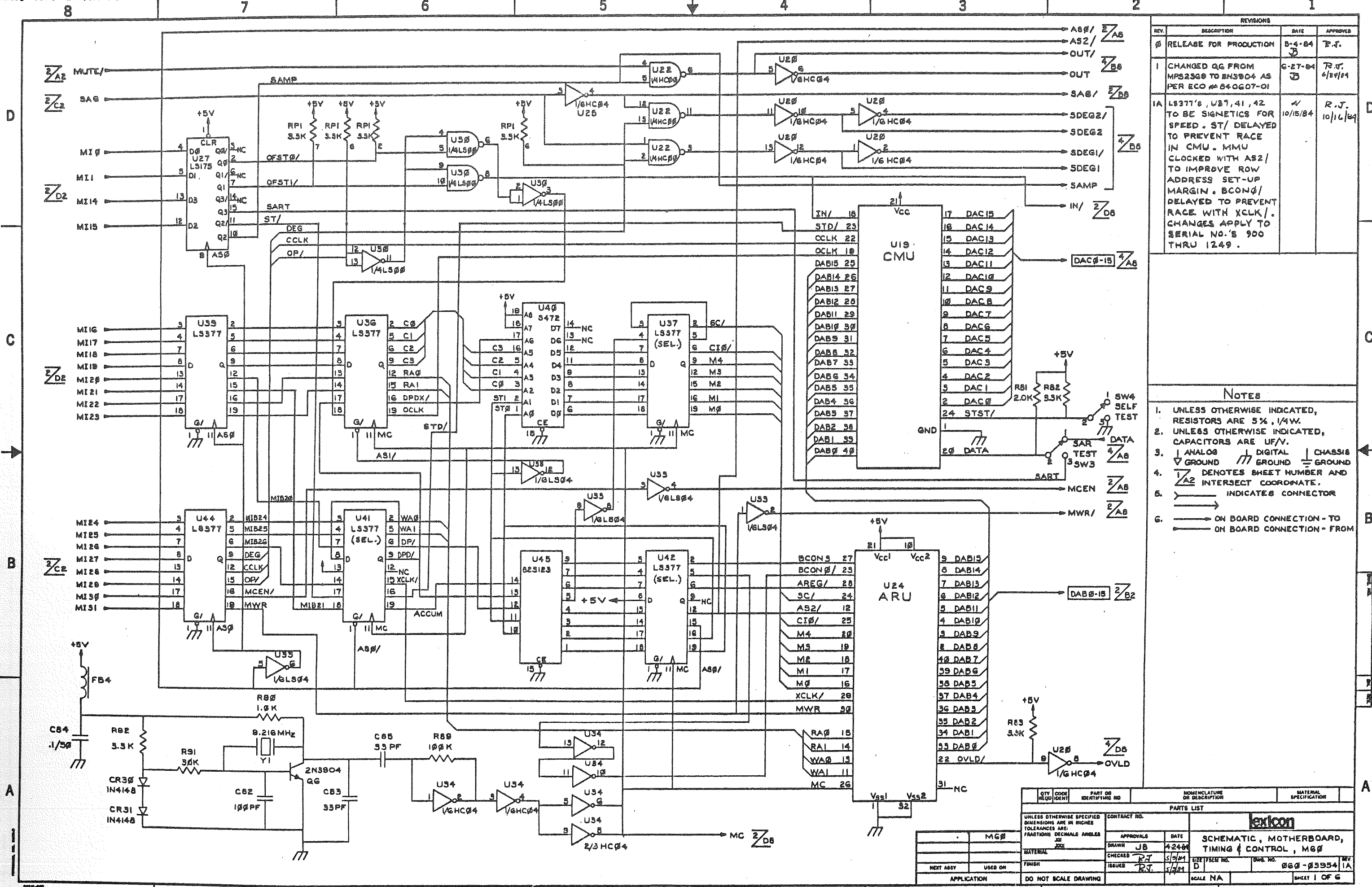
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	RELEASE FOR PRODUCTION	5-4-84	P.J.
1	CHANGED QG FROM MPS2308 TO 2N3904 AS PER ECO # 840607-01	6-27-84	P.J. 6/28/84

- NOTES**
- UNLESS OTHERWISE INDICATED, RESISTORS ARE 5%, 1/4W.
 - UNLESS OTHERWISE INDICATED, CAPACITORS ARE UF/V.
 - ANALOG GROUND DIGITAL CHASSIS GROUND
 - DENOTES SHEET NUMBER AND INTERSECT COORDINATE.
 - INDICATES CONNECTOR
 - ON BOARD CONNECTION - TO
ON BOARD CONNECTION - FROM

QTY REQD		CODE IDENT	PART OR IDENTIFYING NO	ROSENBLAUM OR DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES					
CONTRACT NO.			APPROVALS		
MATERIAL			DATE		
FINISH			DRAWN		
APPLICATION			CHECKED		
DO NOT SCALE DRAWING			ISSUED		
SCALE NA			SIZE FROM NO.		
SHEET 1 OF 6			DWG. NO.		

lexicon

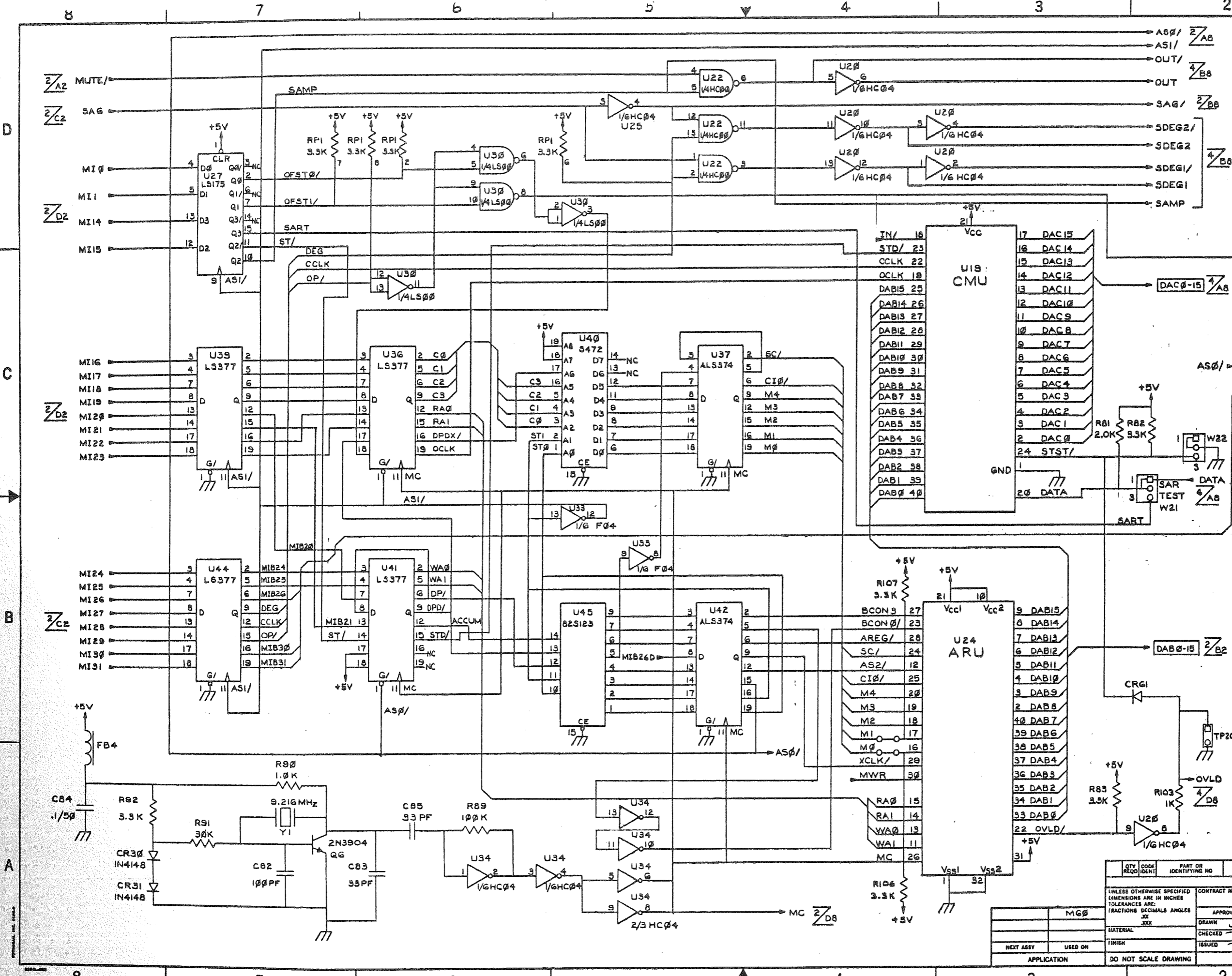
SCHMATIC, MOTHERBOARD, TIMING & CONTROL, M88



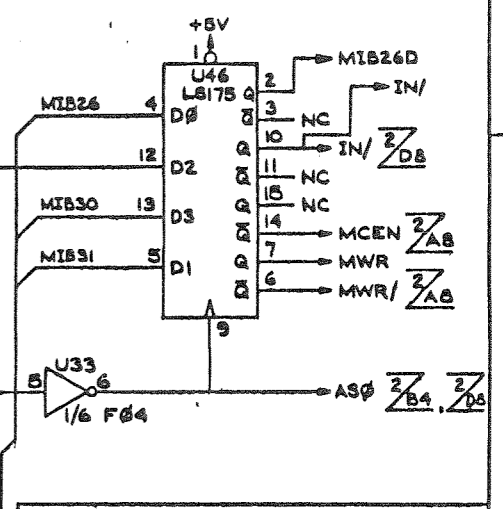
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	RELEASE FOR PRODUCTION	5-4-84	F.J.
1	CHANGED Q6 FROM MPS2304 TO 2N3904 AS PER ECO #840607-01	6-27-84	R.J. 6/29/84
1A	LS377's, U27, 41, 42 TO BE SIGNETICS FOR SPEED. ST/ DELAYED TO PREVENT RACE IN CMU. MMU CLOCKED WITH AS2/ TO IMPROVE ROW ADDRESS SET-UP MARGIN. BCON0/ DELAYED TO PREVENT RACE WITH XCLK/. CHANGES APPLY TO SERIAL NO.'S 900 THRU 1249.	11/15/84	R.J. 10/16/84

- NOTES
- UNLESS OTHERWISE INDICATED, RESISTORS ARE 5%, 1/4W.
 - UNLESS OTHERWISE INDICATED, CAPACITORS ARE UF/V.
 - ANALOG GROUND DIGITAL GROUND CHASSIS GROUND
 - 1/2 DENOTES SHEET NUMBER AND INTERSECT COORDINATE.
 - INDICATES CONNECTOR
 - ON BOARD CONNECTION - TO
ON BOARD CONNECTION - FROM

QTY	CODE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
			lexicon	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS DECIMALS ANGLES				
APPROVALS		DATE		
DRAWN		4-24-84		
CHECKED		5/9/84		
ISSUED		5/9/84		
MATERIAL		D		
FINISH		D		
NEXT ASSY		USED ON		
APPLICATION		DO NOT SCALE DRAWING		
CONTRACT NO.		SCHEMATIC, MOTHERBOARD, TIMING & CONTROL, M00		
DRAWN		JB		
CHECKED		R.J.		
ISSUED		R.J.		
SERIAL NO.		000-03954		
SCALE		NA		
SHEET		1 OF 6		



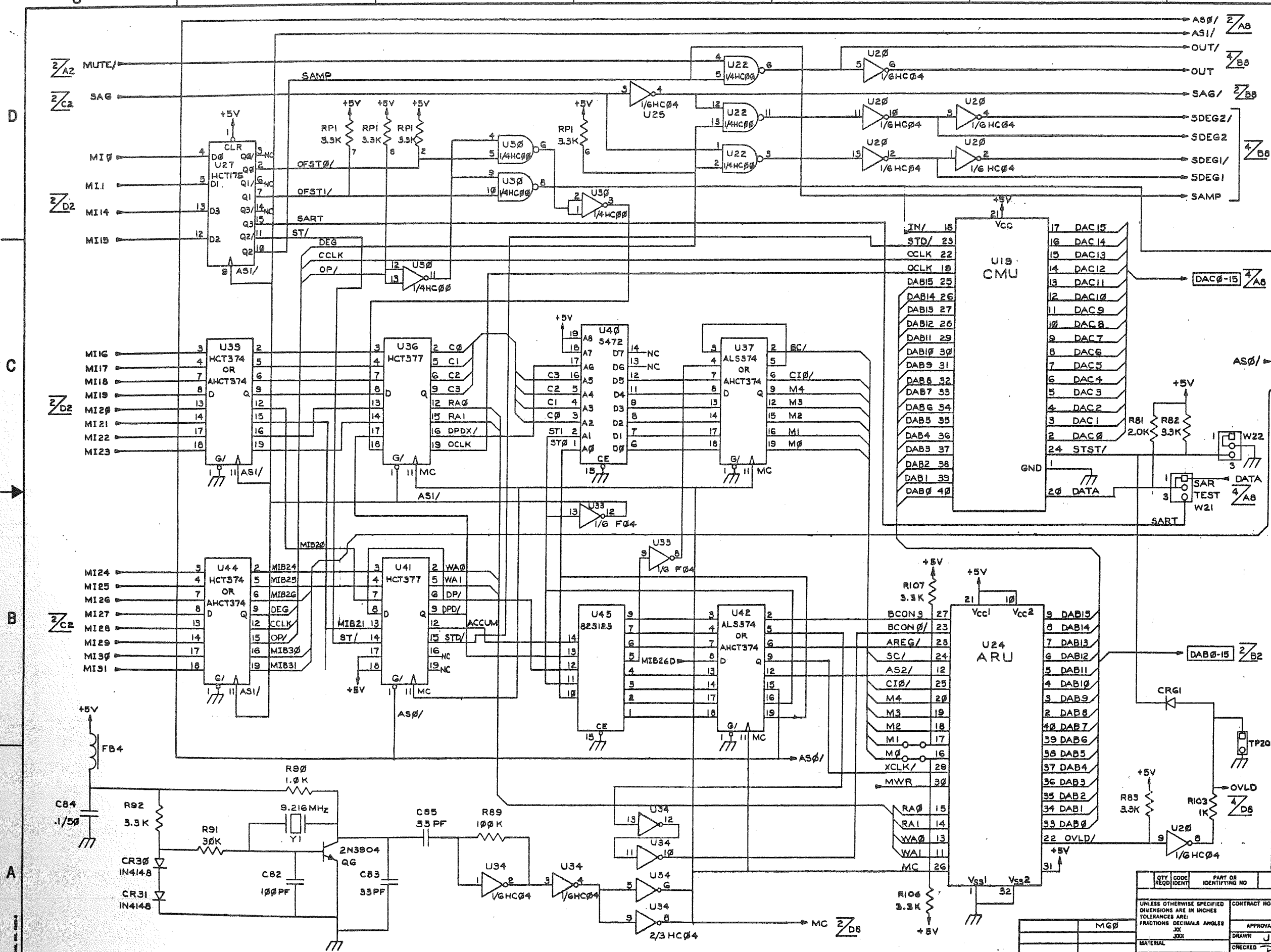
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	RELEASE FOR PRODUCTION	5-4-84	R.J.
1	CHANGED Q6 FROM MPS2304 TO 2N3904 AS PER ECO #840607-01	6-27-84	R.J. 6/29/84
2	ADDED U46 AND RIO3 DELETED TWO GATES OF U33	8/1/84	R.J. 8/16/84
3	REV. 3 CONTINUED BELOW	10/9/84	R.J. 10/16/84



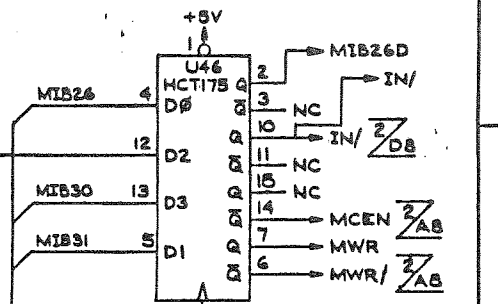
- NOTES**
1. UNLESS OTHERWISE INDICATED, RESISTORS ARE 5%, 1/4W.
 2. UNLESS OTHERWISE INDICATED, CAPACITORS ARE 10%.
 3. ANALOG DIGITAL CHASSIS GROUND GROUND GROUND
 4. /A2 DENOTES SHEET NUMBER AND INTERSECT COORDINATE.
 5. INDICATES CONNECTOR
 6. ON BOARD CONNECTION - TO ON BOARD CONNECTION - FROM

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
3	AS2 TO AS1; MIB26 TO U46 TO U42 TO U24; ST/ TO U41 TO U19; BCON9/ TO U34 TO U24; U24 PIN 31 TO +5V; ADDED RIO6 AND RIO7; CHANGED LS04 TO F04, LS377 TO ALS374 AND SW 3 AND 4 TO W21 AND 22.	10/9/84	R.J. 10/16/84

QTY		CODE		PART OR IDENTIFYING NO		NOMENCLATURE OR DESCRIPTION		MATERIAL SPECIFICATION	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES .005 .010 .015									
CONTRACT NO.				APPROVALS		DATE		SCHEMATIC, MOTHERBOARD, TIMING & CONTROL, M60	
DRAWN JB				CHECKED RJ		ISSUED RJ		SCALE NA	
NEXT ASSY USED ON				FINISH		DO NOT SCALE DRAWING		SHEET 1 OF 6	



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	RELEASE FOR PRODUCTION	5-4-64	R.J.
1	CHANGED Q6 FROM MPS2368 TO 2N3904 AS PER ECO # 640607-01	6-27-64	R.J. 4/29/64
2	ADDED U46 AND R103 DELETED TWO GATES OF U33	8/1/64	R.J. 8/1/64
3	REV. 3 CONTINUED BELOW	10/9/64	R.J. 10/16/64



NOTES

- UNLESS OTHERWISE INDICATED, RESISTORS ARE 5%, 1/4W.
- UNLESS OTHERWISE INDICATED, CAPACITORS ARE UF/V.
- ANALOG GROUND DIGITAL CHASSIS GROUND
- DOWN ARROW DENOTES SHEET NUMBER AND INTERSECT COORDINATE.
- WAVE ARROW INDICATES CONNECTOR
- ON BOARD CONNECTION - TO ON BOARD CONNECTION - FROM
- UNLESS OTHERWISE INDICATED, DIODES ARE IN4148.

SPARE: PIN 1 TO +5V

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
3	AS2 TO AS1; MIB26 TO CONT. U46 TO U42 TO U24; ST/ TO U41 TO U19; BCON0/ TO U34 TO U24; U24 PIN 31 TO +5V; ADDED R106 AND R107; CHANGED LS04 TO F04, LS377 TO ALS374 AND SW 3 AND 4 TO W21 AND 22.	10/9/64	R.J. 10/16/64
4	CHANGED TO HCT: U27, U36, U41, U46. CHANGED U30 TO HC; U39 AND U44 TO HCT374 OR AHCT 374; AND U37 AND U42 TO ALS OR AHCT	4/1/65	R.J. 4/1/65

QTY REQD	CODE IDENT	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES .XX .XXX .XXX

APPROVALS	DATE	lexicon SCHEMATIC, MOTHERBOARD, TIMING & CONTROL, MG0
DRAWN	42464	
CHECKED	5/9/64	
ISSUED	5/9/64	

CONTRACT NO. _____ DATE _____

SCALE NA SHEET 1 OF 6

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	RELEASE FOR PRODUCTION	5-9-84 J	R.T.
1	CHANGED WR/ TO MWR/ ON U18 PIN # 4 AND CHANGED C77 FROM .08 μ F TO .22 μ F AS PER ECO # 840611-00	6-27-84 J	R.T. 6/27/84

D

D

C

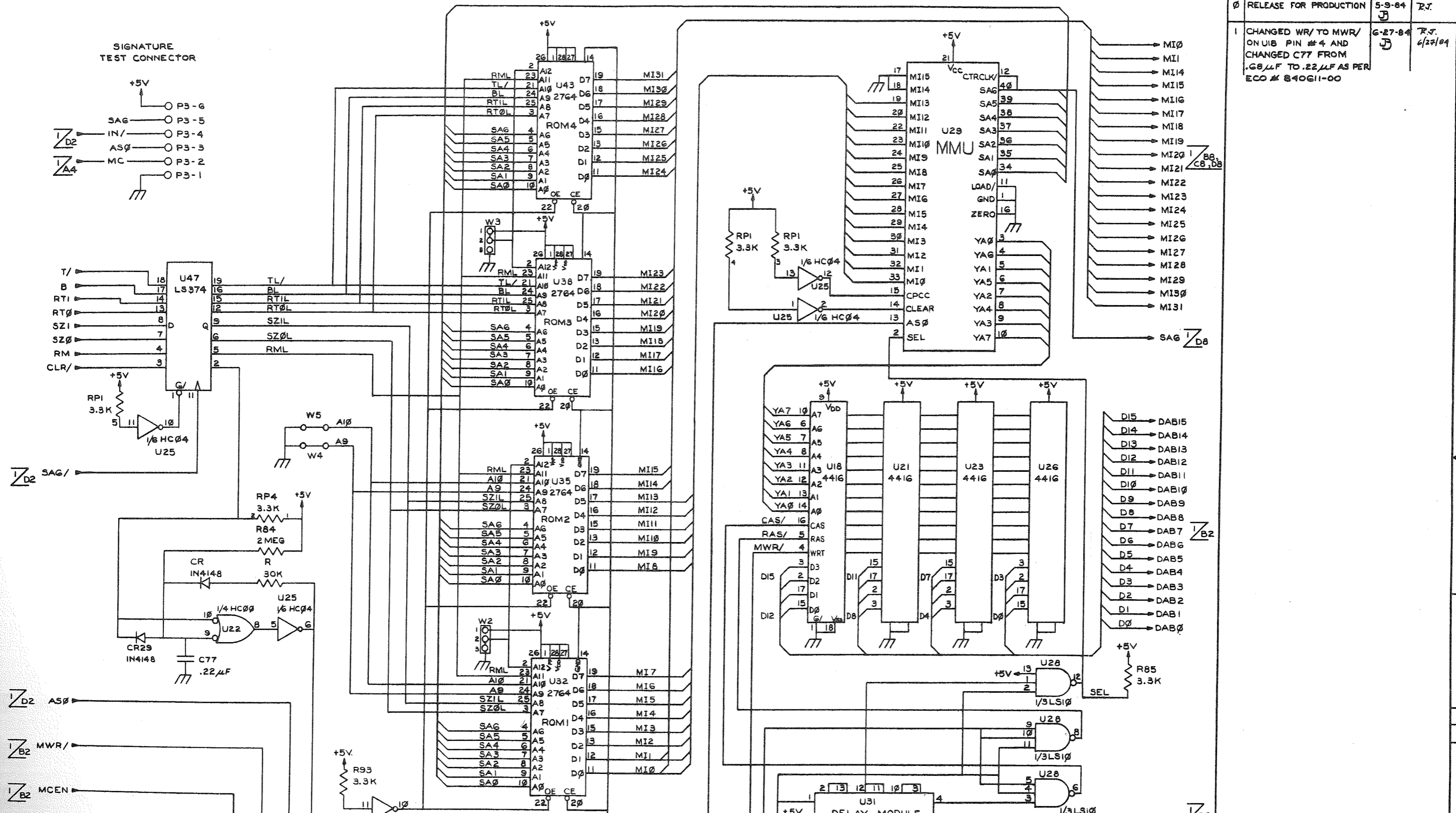
C

B

B

A

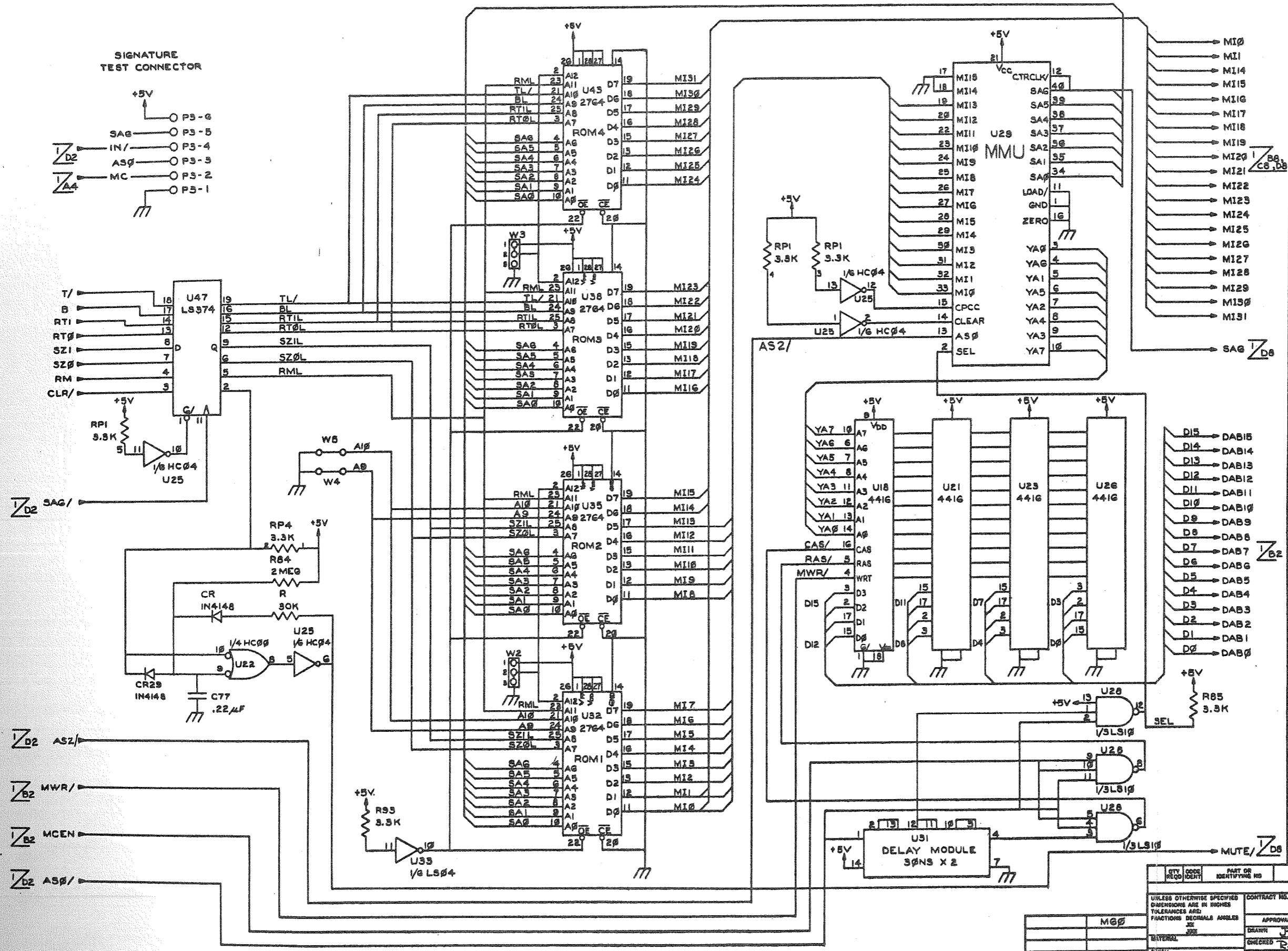
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QTY	CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES				
CONTRACT NO.			APPROVALS	
MATERIAL			DATE	
NEXT ASSY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

SCHEMATIC, MOTHERBOARD, M60
 PROGRAM CONTROL AND DMEM
 DATE NO. 5/9/84
 SIZE FROM NO. D
 DATE NO. 060-03954
 REV. 1
 SHEET 2 OF 6

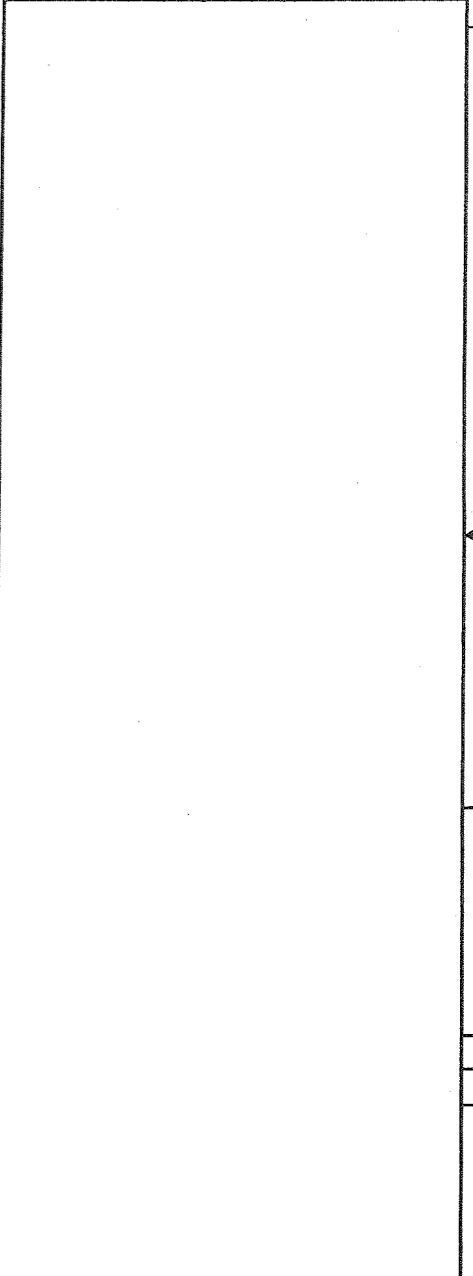
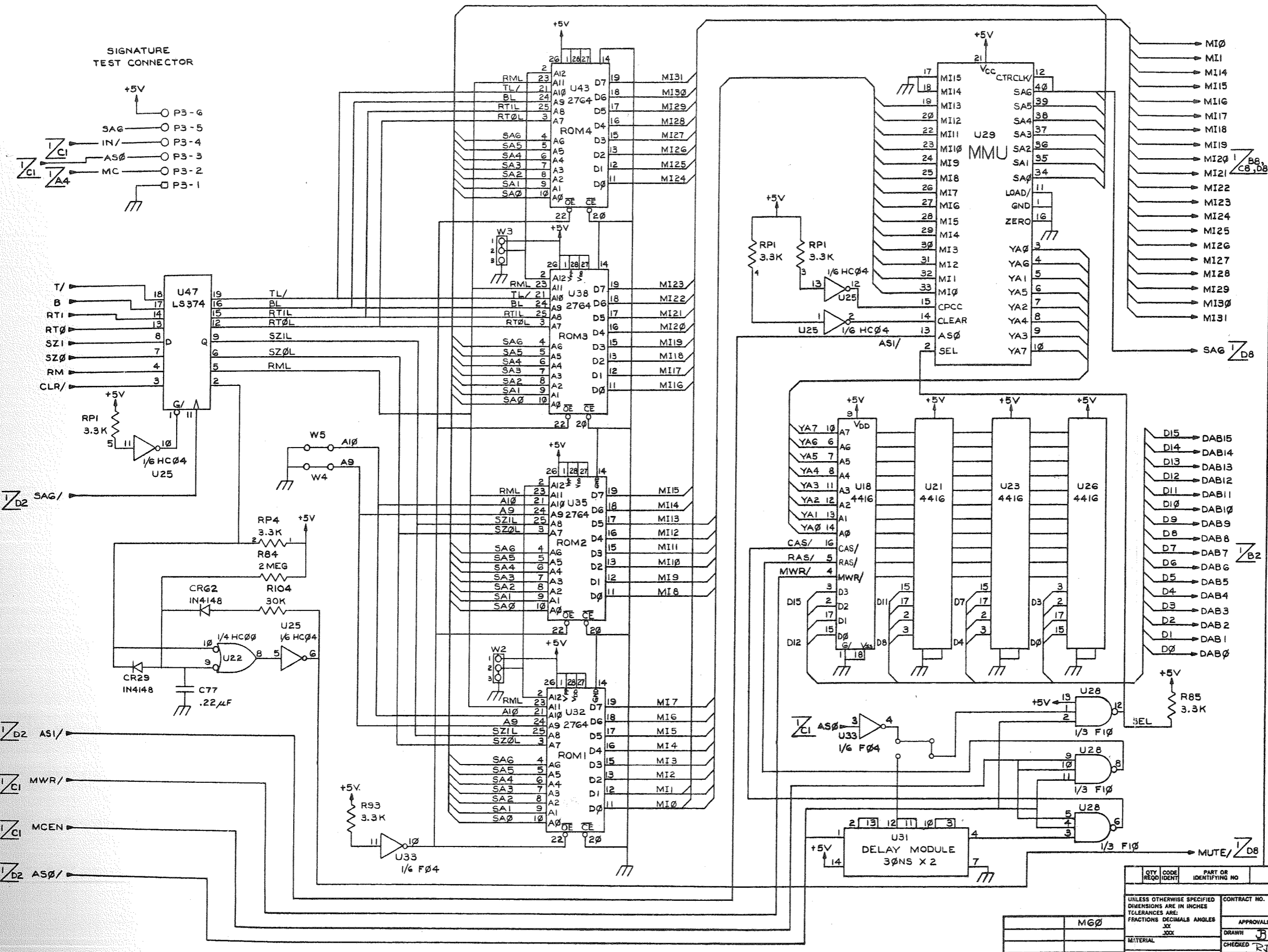
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	RELEASE FOR PRODUCTION	5-9-64	R.J.
1	CHANGED WR/ TO MWR/ ON U18 PIN #4 AND CHANGED C77 FROM .05 μ F TO .22 μ F AS PER ECO # 840611-00	6-27-64	R.J. 6/29/64
1A	CHANGED OE AND CE TO \overline{OE} AND \overline{CE} AND AS \overline{A} TO AS2/- CHANGES APPLY TO SERIAL NO.'S 900 THRU 1249	10/15/64	R.J. 10/16/64



PARTS LIST		CONTRACT NO.		SCHEMATIC, MOTHERBOARD, MG0	
QTY	DESC	APPROVALS	DATE	DATE	REV
		JSE	5-4-64	5-4-64	1A
		REVIEWED	5/9/64		
		REVISIONS	5/9/64		

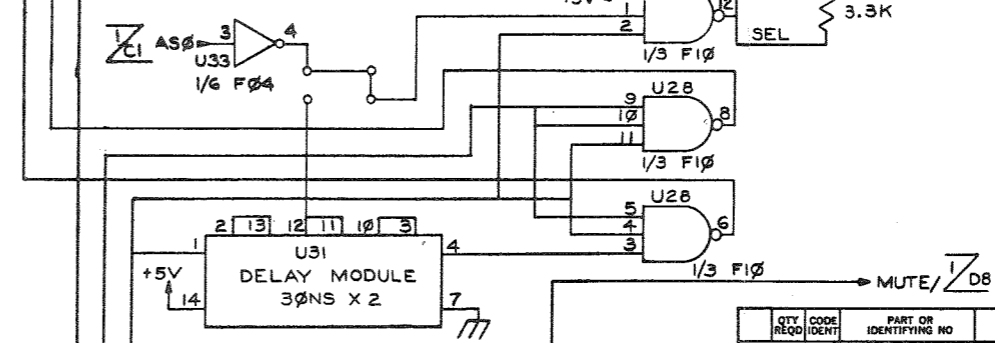
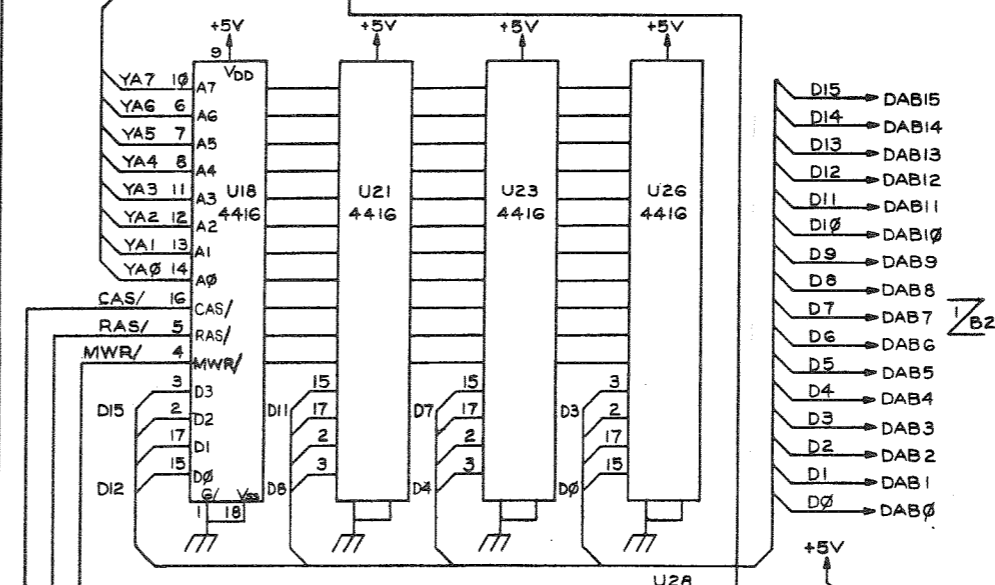
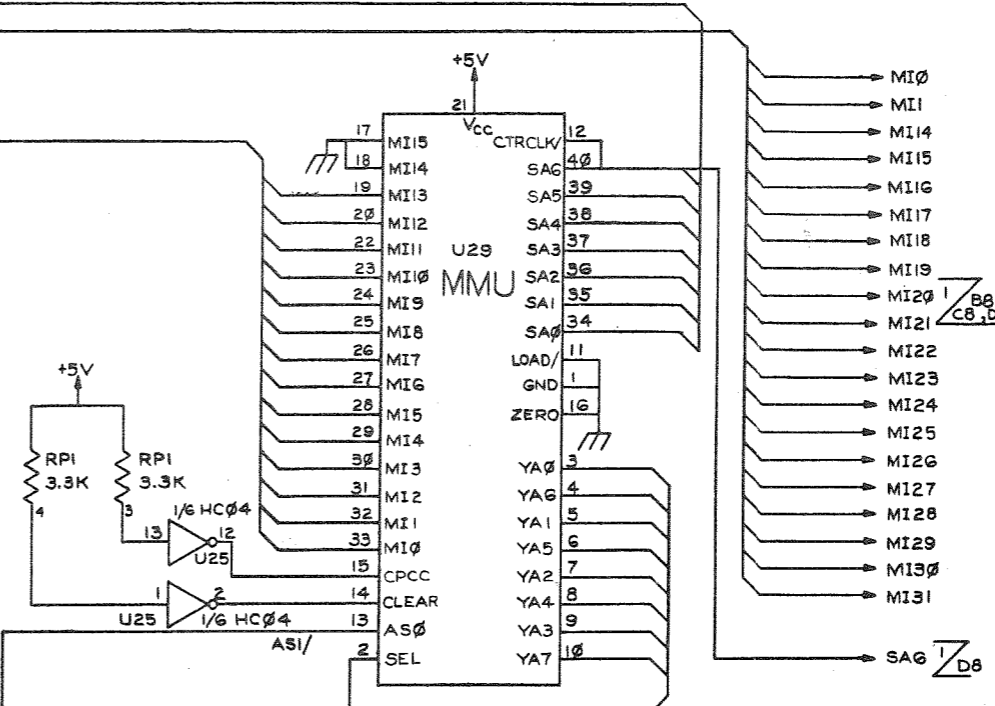
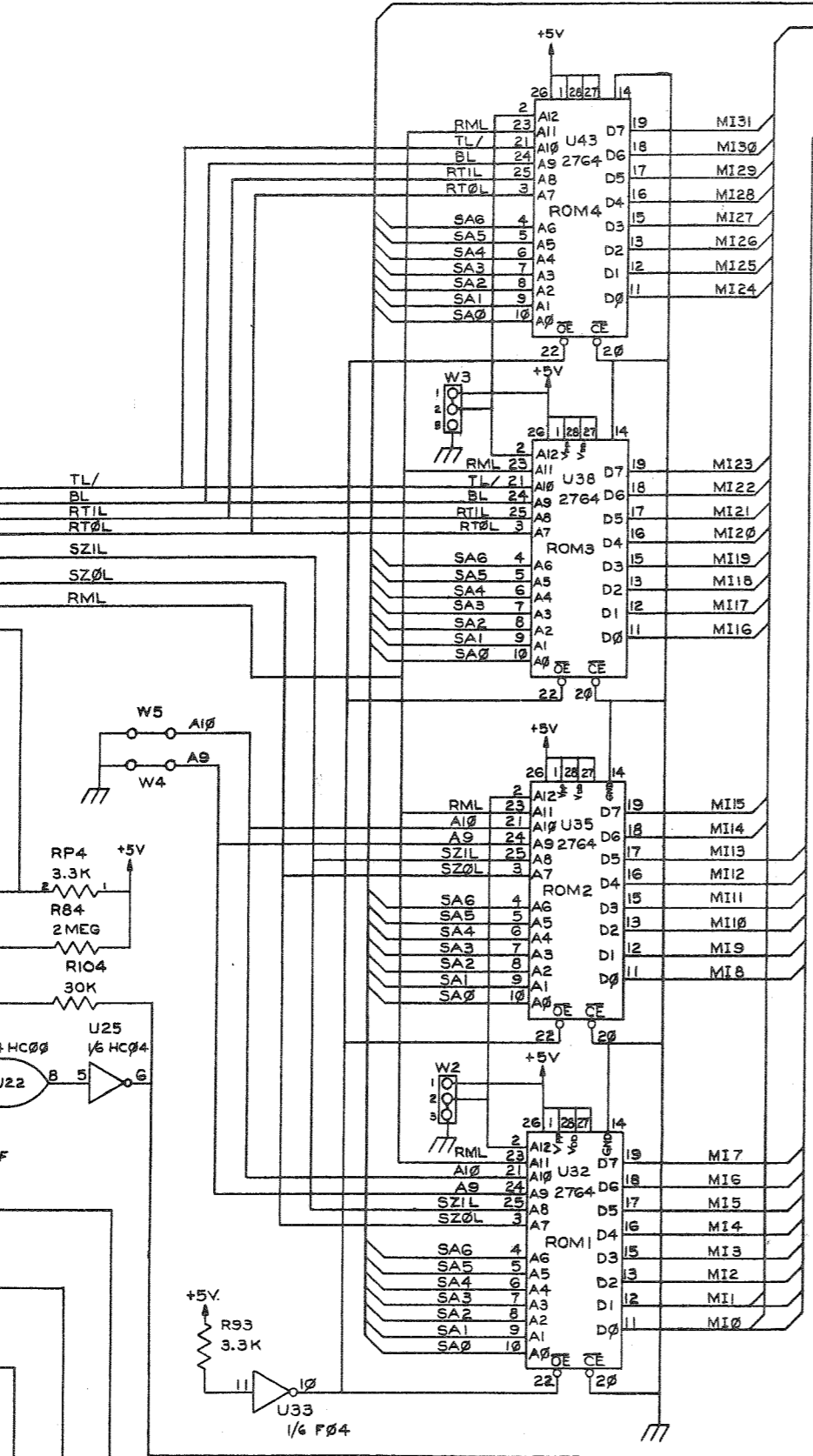
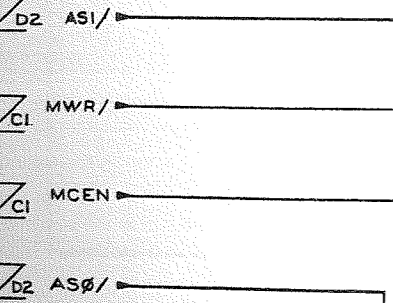
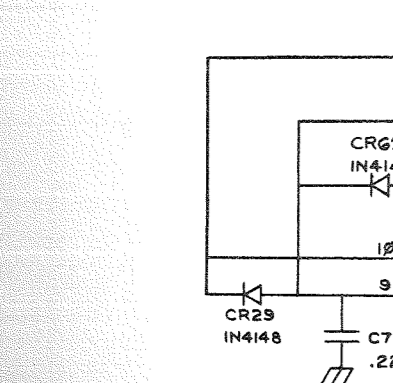
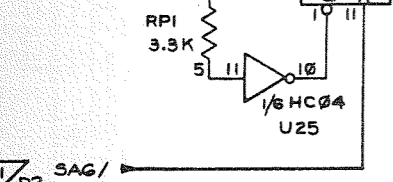
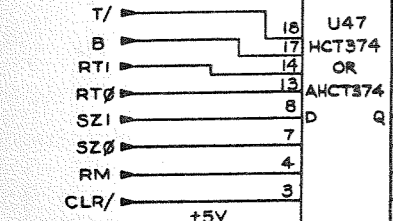
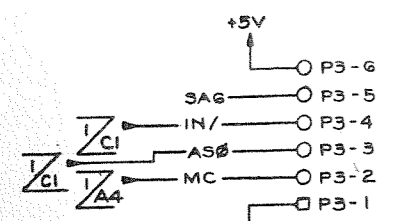
DESIGNED BY	DATE	APPROVED
DRAWN	5-4-64	JSE
CHECKED	5/9/64	REVIEWED
REVISIONS	5/9/64	

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	RELEASE FOR PRODUCTION	5-9-84	R.J.
1	CHANGED WR/ TO MWR/ ON U18 PIN #4 AND CHANGED C77 FROM .08 μ F TO .22 μ F AS PER ECO # 840611-00	6-27-84	R.J. 6/27/84
2	ADDED R105, U33 AND JUMPER POSITION AT 84	7/31/84	R.J. 8/10/84
3	ADDED JUMPER, DELETED R105 AND CHANGED AS2 TO AS1, AS0 TO TEST CONN., LS10 TO F10 AND OE AND CE TO 0E AND CE	10/5/84	R.J. 10/10/84

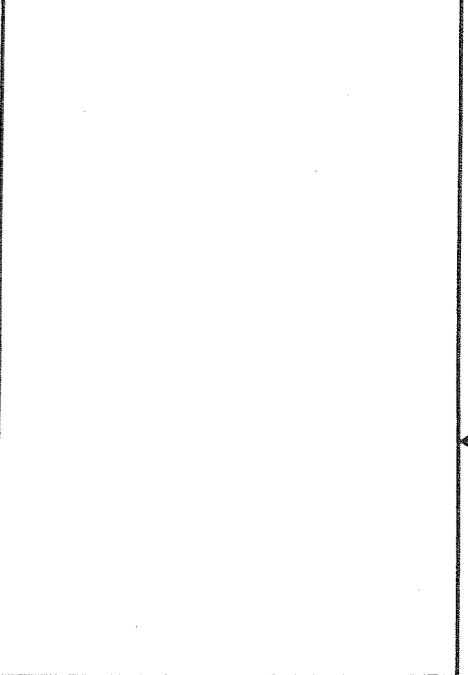


QTY	CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
			PARTS LIST	
			lexicon	
			CONTRACT NO.	
			APPROVALS	
			DATE	
			DRAWN	
			CHECKED	
			ISSUED	
			FINISH	
			NEXT ASSY	
			USED ON	
			APPLICATION	
			DO NOT SCALE DRAWING	

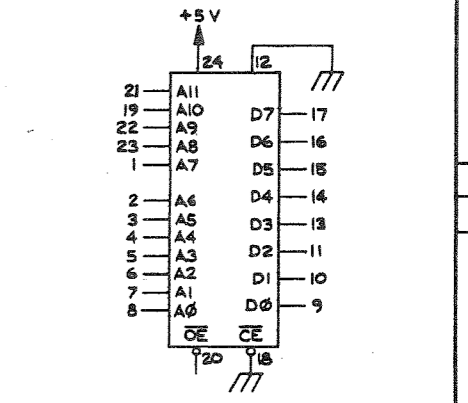
SIGNATURE TEST CONNECTOR



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	RELEASE FOR PRODUCTION	5-9-84	R.J.
1	CHANGED WR/ TO MWR/ ON U18 PIN #4 AND CHANGED C77 FROM .05UF TO .22UF AS PER ECO # 840611-00	6-27-84	R.J. 6/27/84
2	ADDED R105, U33 AND JUMPER POSITION AT 64	7/31/84	R.J. 8/10/84
3	ADDED JUMPER, DELETED R105 AND CHANGED AS2 TO AS1, AS0 TO TEST CONN., LS10 TO F10 AND OE AND CE TO 0E AND 0E	10/5/84	R.J. 10/10/84
4	ADDED ALTERNATE PINOUT AND CHANGED U47 TO HCT OR AHCT	4/1/85	R.J. 4/1/85

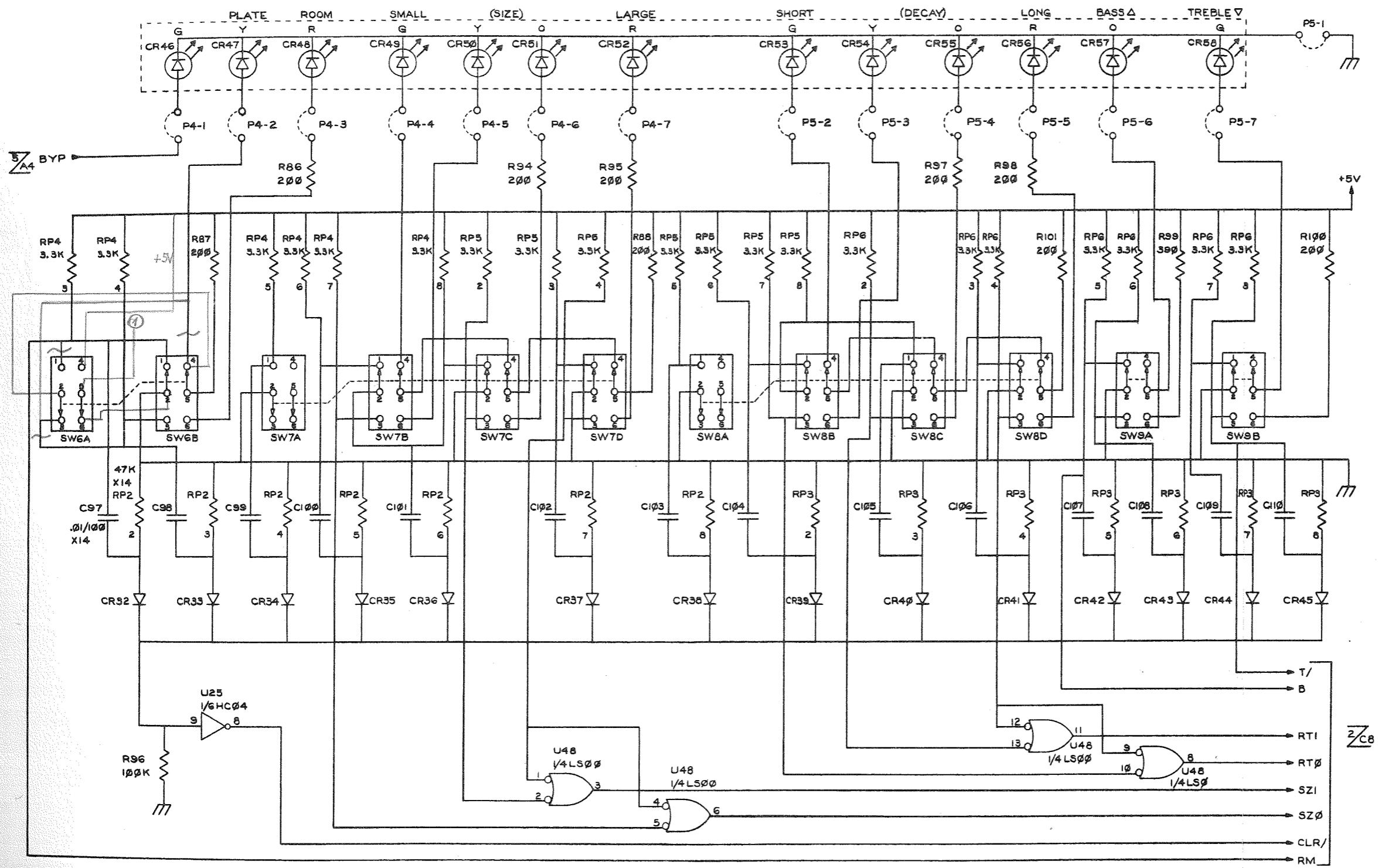


ALTERNATE PINOUT FOR 29C33E ROMS, LEXICON P/Ns 350-04016 THROUGH 04019 FOR LOCATIONS U32, U35, U38 AND U43



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

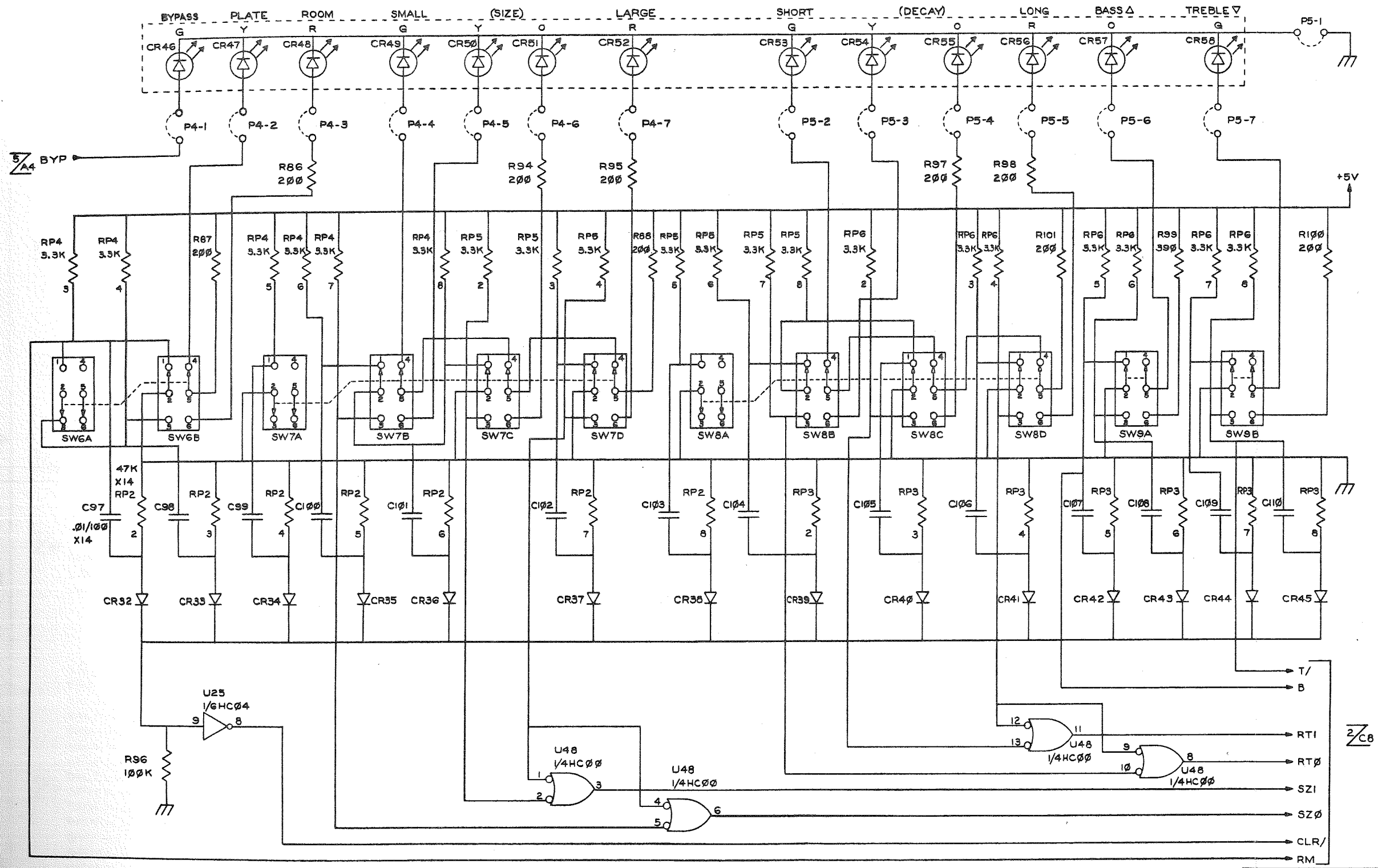
Lexicon
 SCHEMATIC, MOTHERBOARD, MG0 PROGRAM CONTROL AND DMEM
 SHEET 2 OF 6



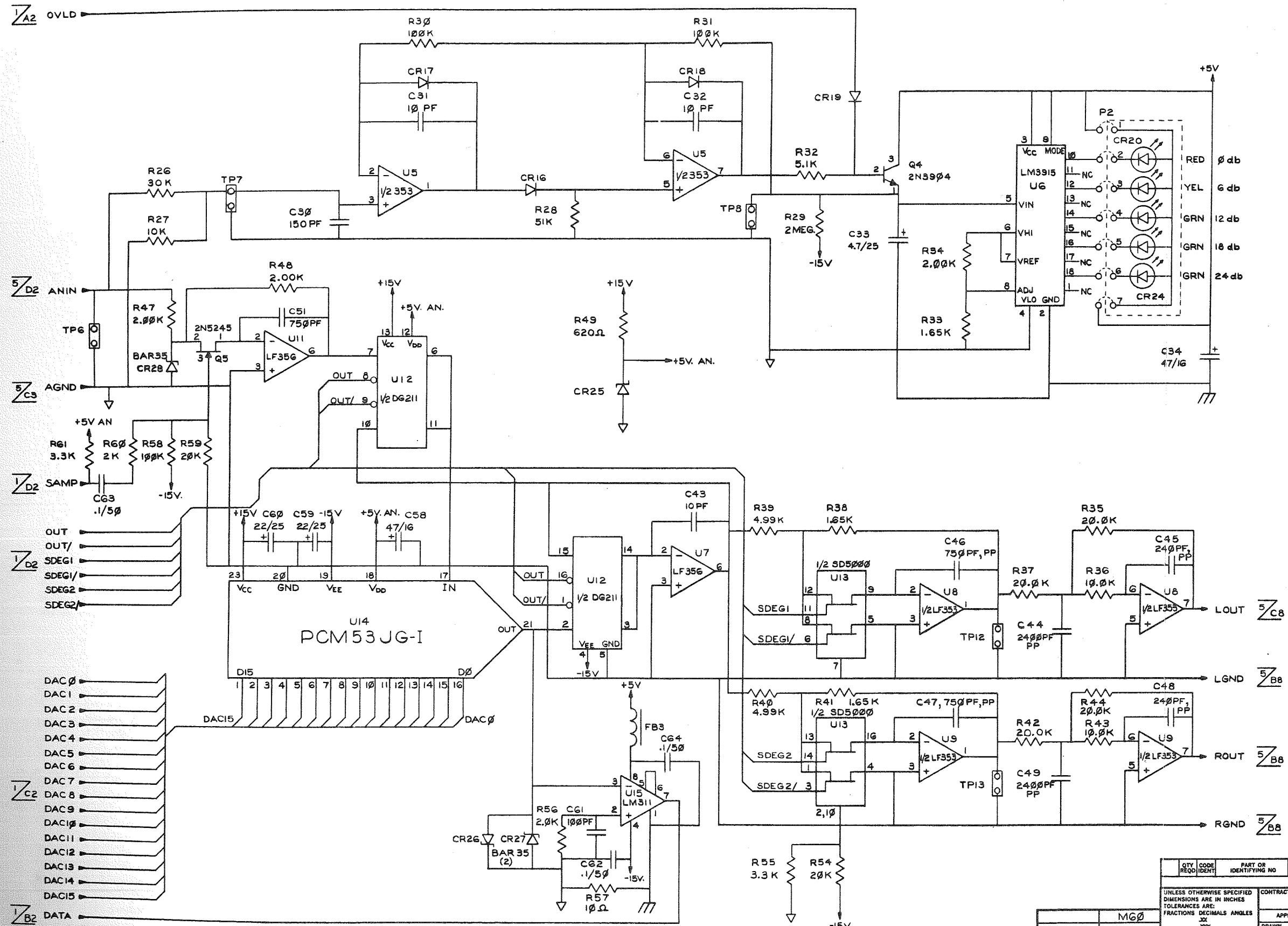
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	RELEASE FOR PRODUCTION	5-8-64	Z.J.

QTY	CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
			PARTS LIST	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES				
CONTRACT NO.			lexicon	
APPROVALS		DATE	SCHEMATIC, MOTHERBOARD, PROGRAM SWITCHES, M60	
DRAWN		5-9-64		
CHECKED		5/9/64	SIZE	DWG. NO. 060-03954
ISSUED		5/9/64	D	REV. 0
NEXT ASSY		USED ON	SCALE	SHEET 3 OF 6
APPLICATION		DO NOT SCALE DRAWING		

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	RELEASE FOR PRODUCTION	5-8-84 J	R.J.
1	CHANGED U48 TO HC	4/2/85	R.J. 1/1/85



QTY REQD	CODE IDENT	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES .XX .XXX .XXX		CONTRACT NO.		
MATERIAL		APPROVALS	DATE	lexicon SCHEMATIC, MOTHERBOARD, PROGRAM SWITCHES, M60
NEXT ASSY USED ON		CHECKED	5/9/84	
APPLICATION		ISSUED	5/9/84	
DO NOT SCALE DRAWING		SCALE	NA	REV. 060-03954 .1
				SHEET 3 OF 6



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	RELEASE FOR PRODUCTION	5-4-84	Z.J.
1	CHANGED 10.0K R35 TO R36	6-27-84	Z.J. 6/27/84

QTY		PART OR IDENTIFYING NO		NOMENCLATURE OR DESCRIPTION		MATERIAL SPECIFICATION	
REQD	IDENT			PARTS LIST			
		M60		SCHEMATIC, MOTHERBOARD, CONVERTER, M60			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES .XX .XXX		CONTRACT NO.		APPROVALS		DATE	
DRAWN		J3		4-27-84			
CHECKED		RT		5/9/84			
ISSUED		RT		5/9/84			
MATERIAL		FINISH		SIZE		FCHM NO.	
NEXT ASSY		USED ON		ISSUED		DWG NO.	
APPLICATION		DO NOT SCALE DRAWING		SCALE		NA	
						060-03954	
						REV. 1	
						SHEET 4 OF 6	

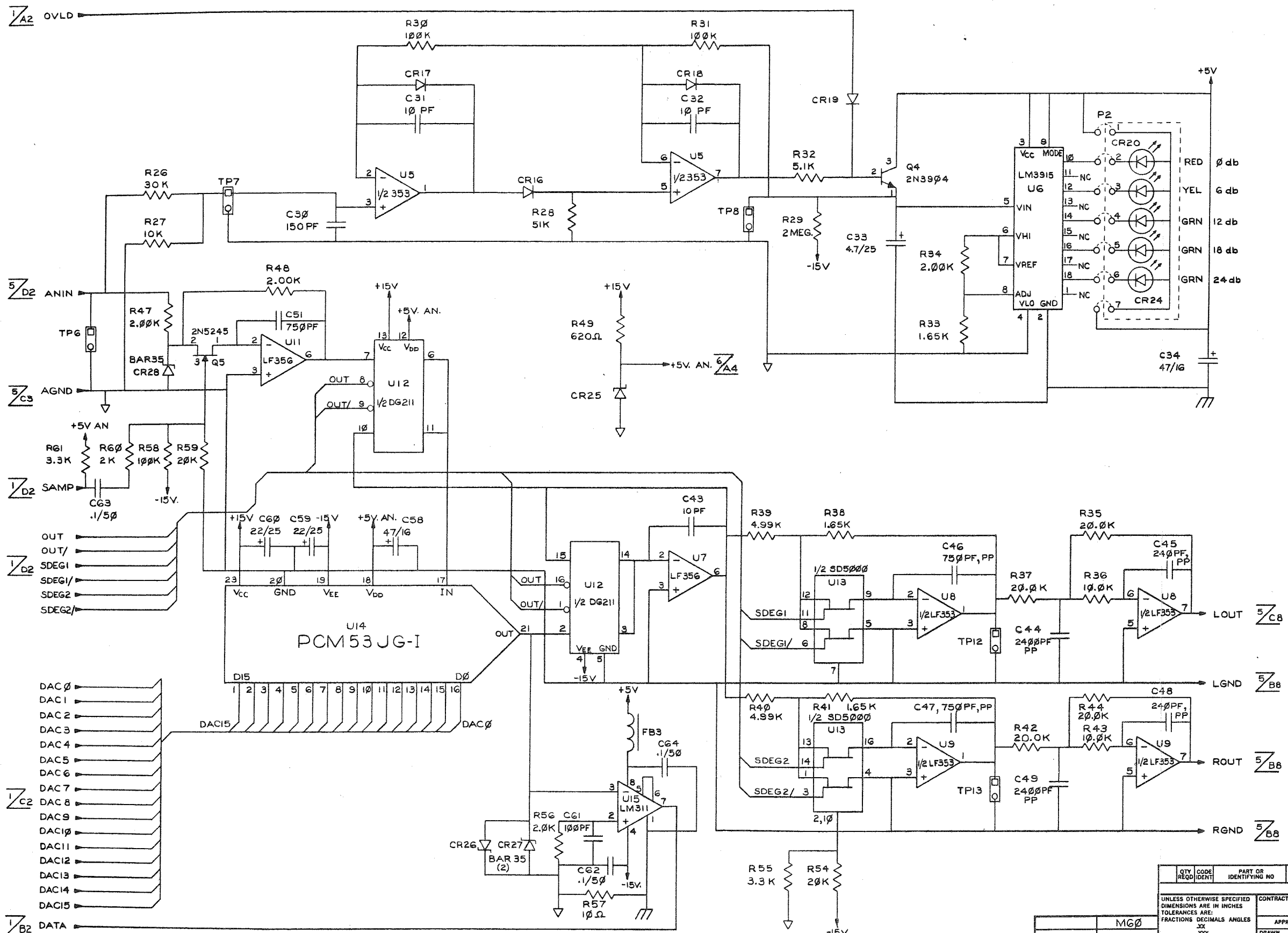
8 7 6 5 4 3 2 1

D

C

B

A



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	RELEASE FOR PRODUCTION	5-4-84	F.J.
1	CHANGED 10.0K R35 TO R36	6-27-84	F.J. 6/27/84
2	ADDED LOCATION NOTE	7/31/84	F.J. 8/10/84

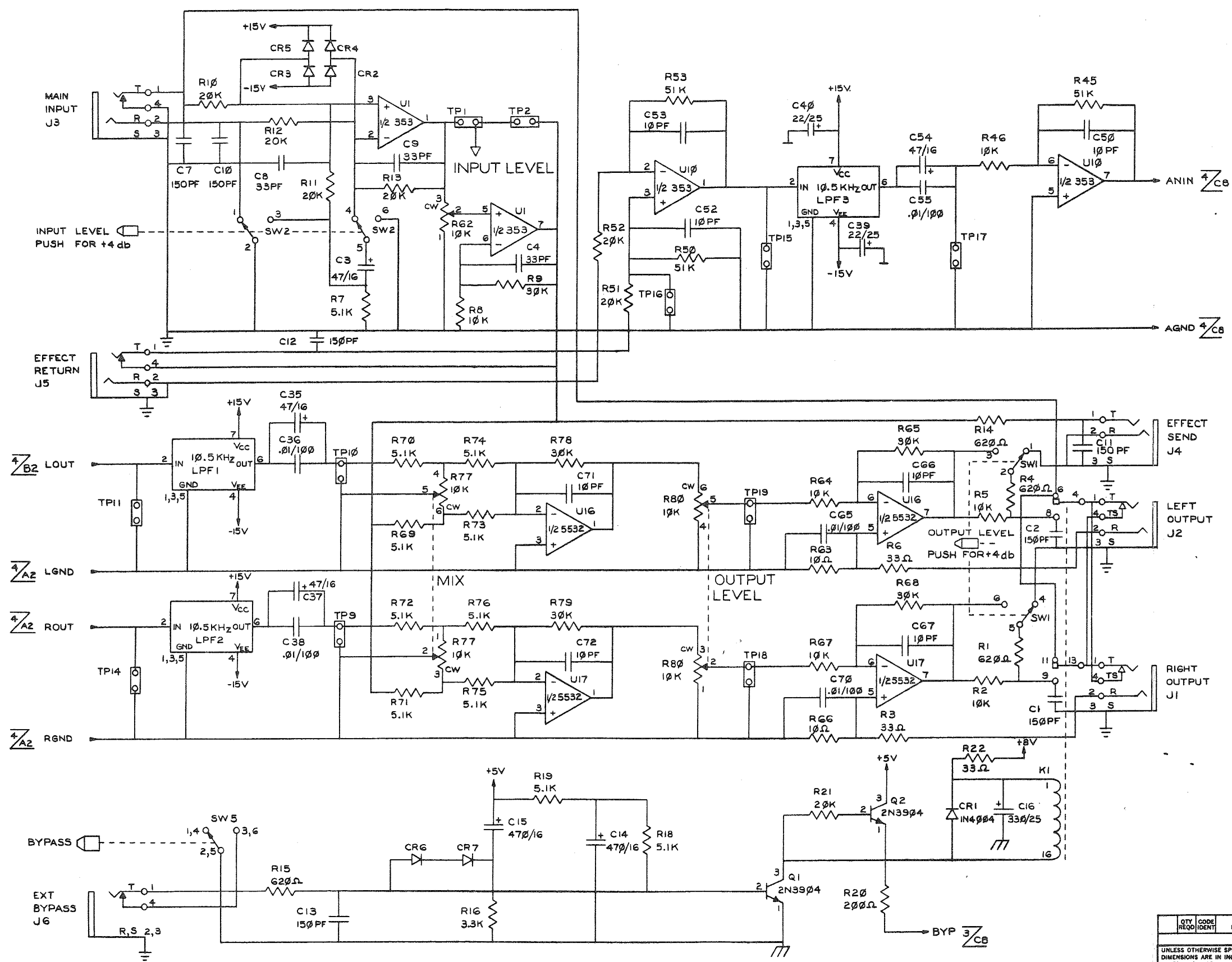
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- 5/D2 ANIN
- 5/C3 AGND
- 5/D2 SAMP
- OUT
- OUT/
- SDEG1
- SDEG2
- 5/D2 SDEG1
- 5/D2 SDEG2
- 5/C2 DAC0
- DAC1
- DAC2
- DAC3
- DAC4
- DAC5
- DAC6
- DAC7
- DAC8
- DAC9
- DAC10
- DAC11
- DAC12
- DAC13
- DAC14
- DAC15
- 5/B2 DATA

QTY	CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
			PARTS LIST	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:				
FRACTIONS		DECIMALS		ANGLES
MATERIAL		FINISH		USED ON
NEXT ASSY		APPLICATION		DO NOT SCALE DRAWING

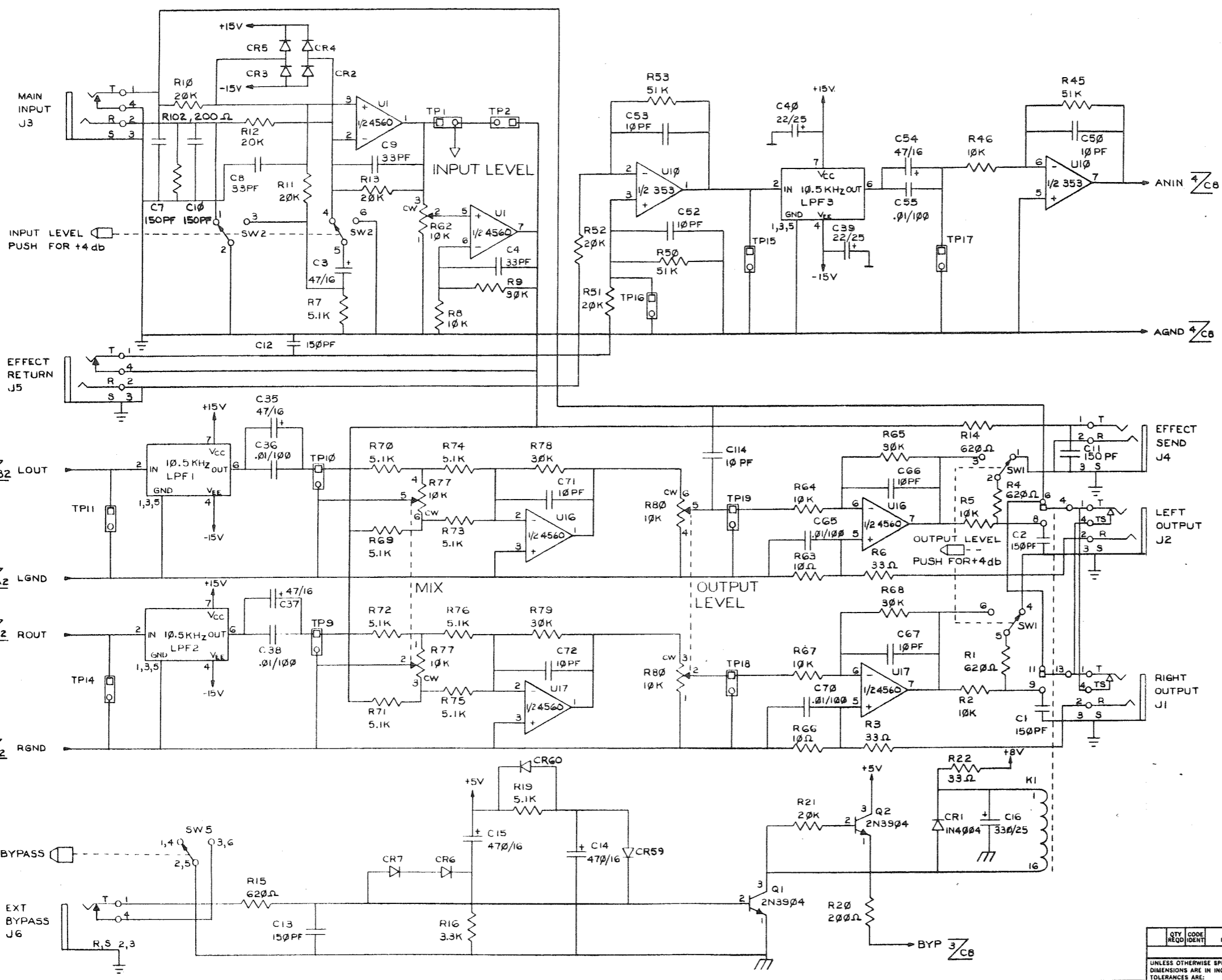
CONTRACT NO.		APPROVALS		DATE	
M60		JX		4-27-84	
DRAWN		JX		4-27-84	
CHECKED		RT		5/10/84	
ISSUED		RT		5/10/84	
SCALE		NA		SHEET 4 OF 6	

lexicon
 SCHEMATIC, MOTHERBOARD,
 CONVERTER, M60

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	RELEASE FOR PRODUCTION	5-4-84 J	R.J.
1	JUMPER J1 TO J2 FOR MONO OUTPUT AS PER ECO # 840628-00 ; DELETE R17; CHANGE R19 FROM 10K TO 5.1K; SWITCH R66 AND R67	6-27-84 J	R.J. 6/27/84



QTY	CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES		CONTRACT NO.		
MATERIAL		APPROVALS	DATE	lexicon
FINISH		DRAWN	4-30-84	
NEXT ASSY USED ON		CHECKED	5/9/84	
APPLICATION		ISSUED	5/9/84	SCHEMATIC, MOTHERBOARD, ANALOG, MG0 SIZE FSCM NO. D DWG NO. 060-03954 REV. 1 DO NOT SCALE DRAWING SCALE NA SHEET 5 OF 6



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	RELEASE FOR PRODUCTION	5-4-84 J	R.J.
1	JUMPER J1 TO J2 FOR MONO OUTPUT AS PER ECO #840628-00 ; DELETE R17; CHANGE R19 FROM 10K TO 5.1K ; SWITCH R66 AND R67	6-27-84 J	R.J. 6/29/84
2	ADDED R102, CR59 AND CR60, DELETED R18 AND SWITCHED CR6 AND CR7 PER ECO #840822-01	7/31/84 V	R.J. 8/10/84
3	ADDED C114	10/2/84 V	R.J. 10/14/84

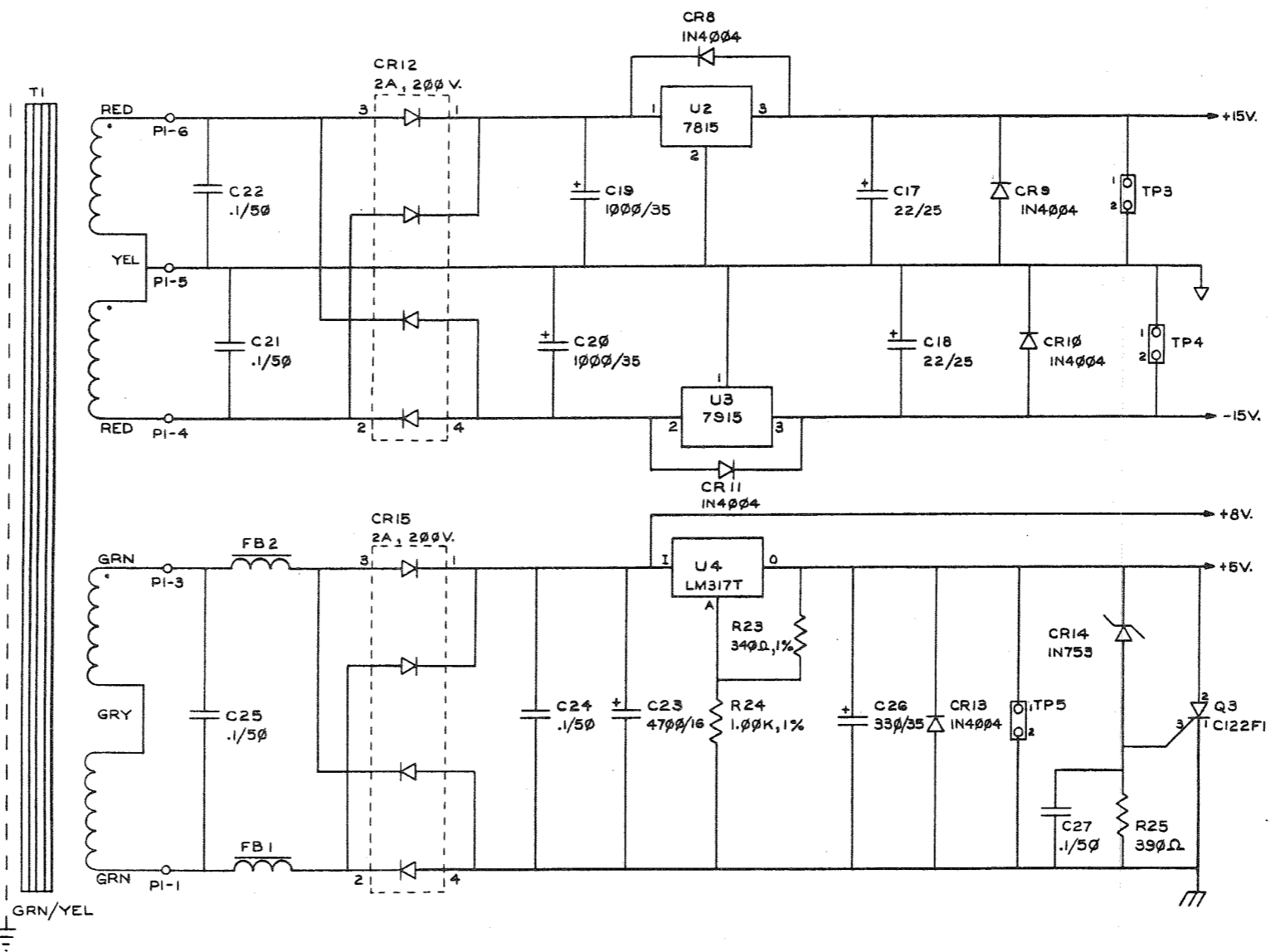
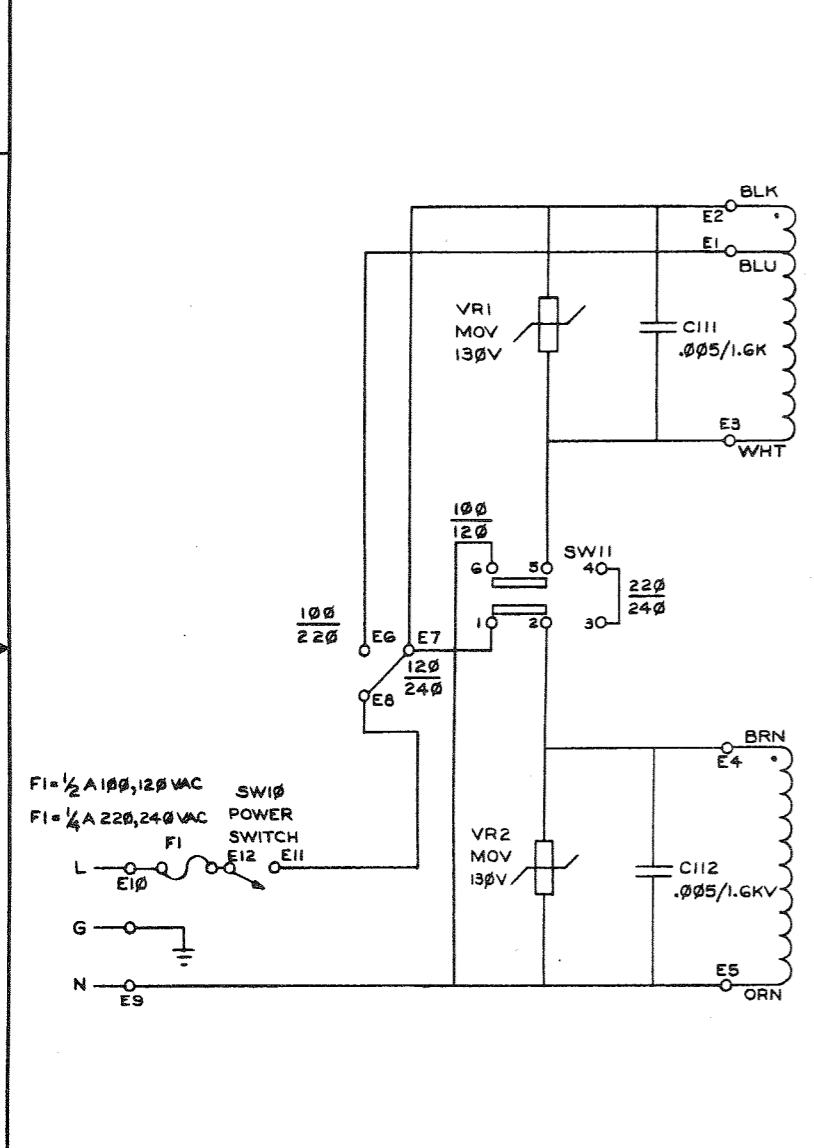
QTY REQD	CODE IDENT	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES		CONTRACT NO.		
XXX		APPROVALS		
DRAWN		DATE		
CHECKED		ISSUED		
FINISH		SCALE		
NEXT ASSY		USED ON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



SCHEMATIC, MOTHERBOARD, ANALOG, MG0

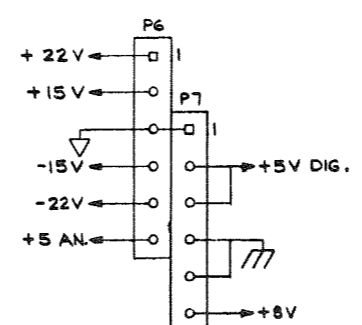
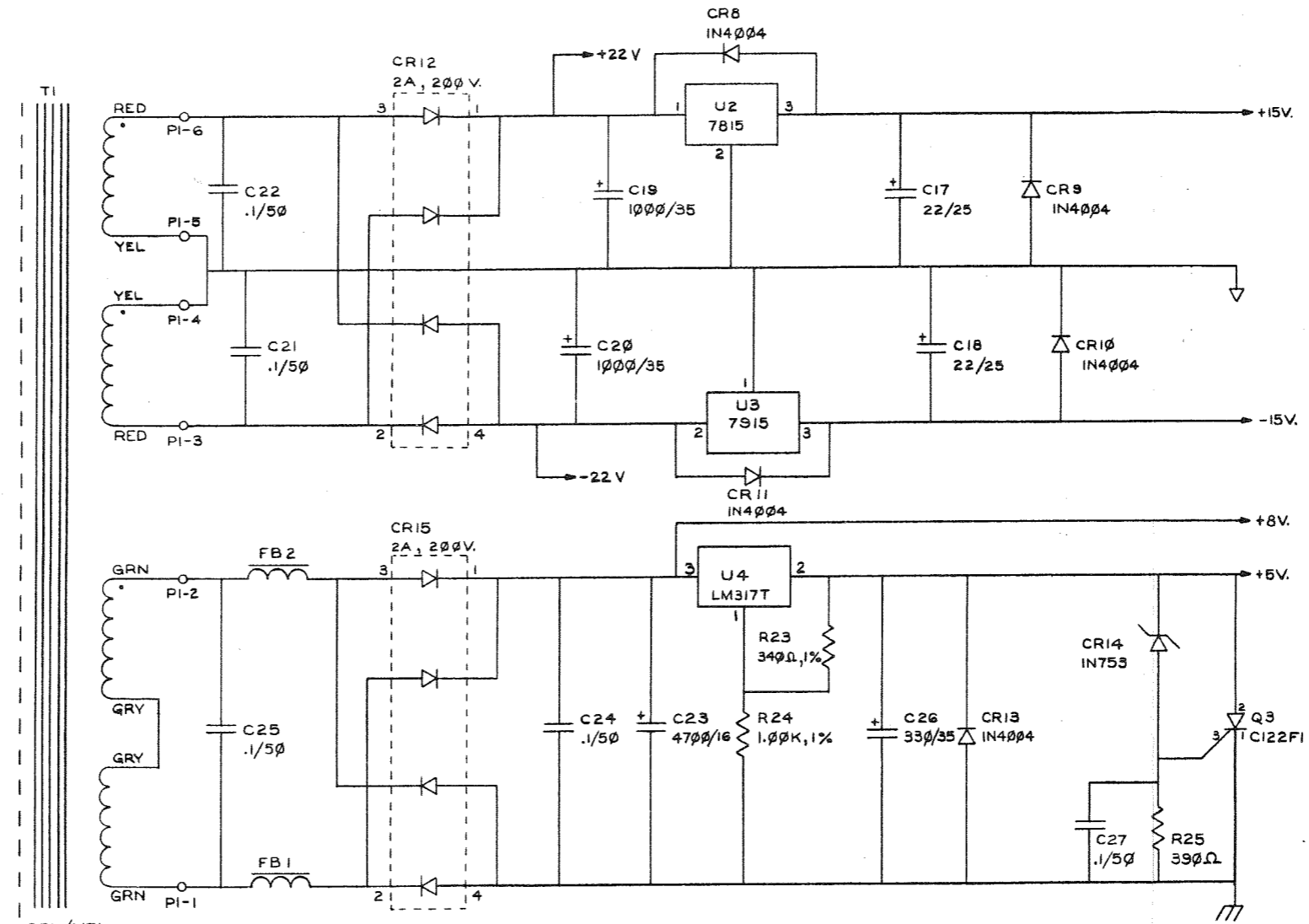
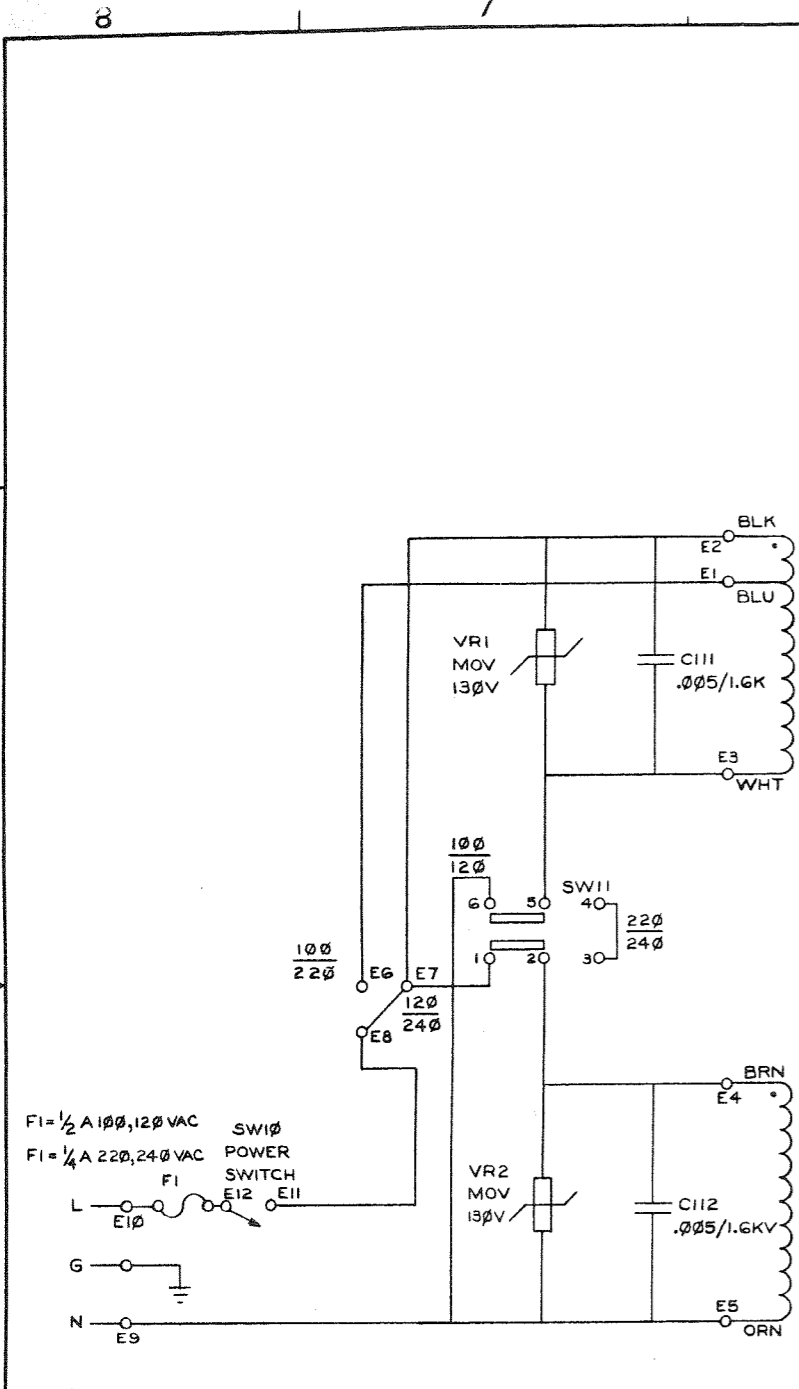
060-03954 3

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	RELEASE FOR PRODUCTION	5-4-84 J	R.J.
1	ADDED GRN AND GRN/YEL DESIGNATIONS ON TI	6-27-84 J	R.J. 6/29/84



QTY REQD	CODE IDENT	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:			CONTRACT NO.	
FRACTIONS DECIMALS ANGLES			APPROVALS DATE	
XXX			DRAWN J 5-1-84	
MATERIAL			CHECKED RI 5/9/84	
NEXT ASSY			ISSUED RI 5/9/84	
USED ON			SCALE NA	
APPLICATION			SHEET 6 OF 6	

lexicon
 SCHEMATIC, MOTHERBOARD
 POWER SUPPLY, M60
 DWG. NO. 060-03954
 REV. 1



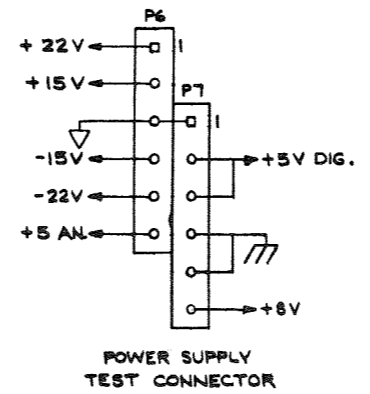
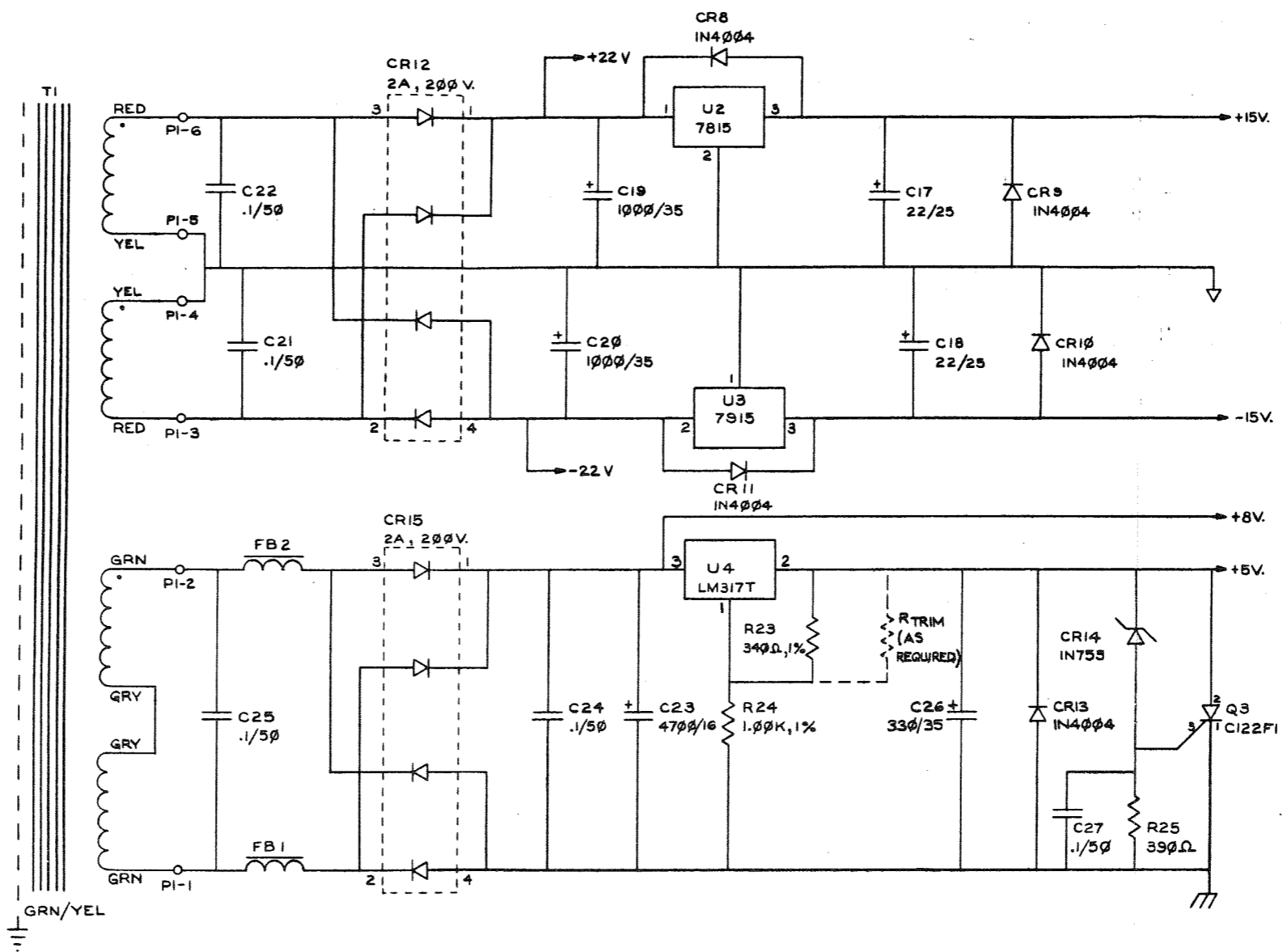
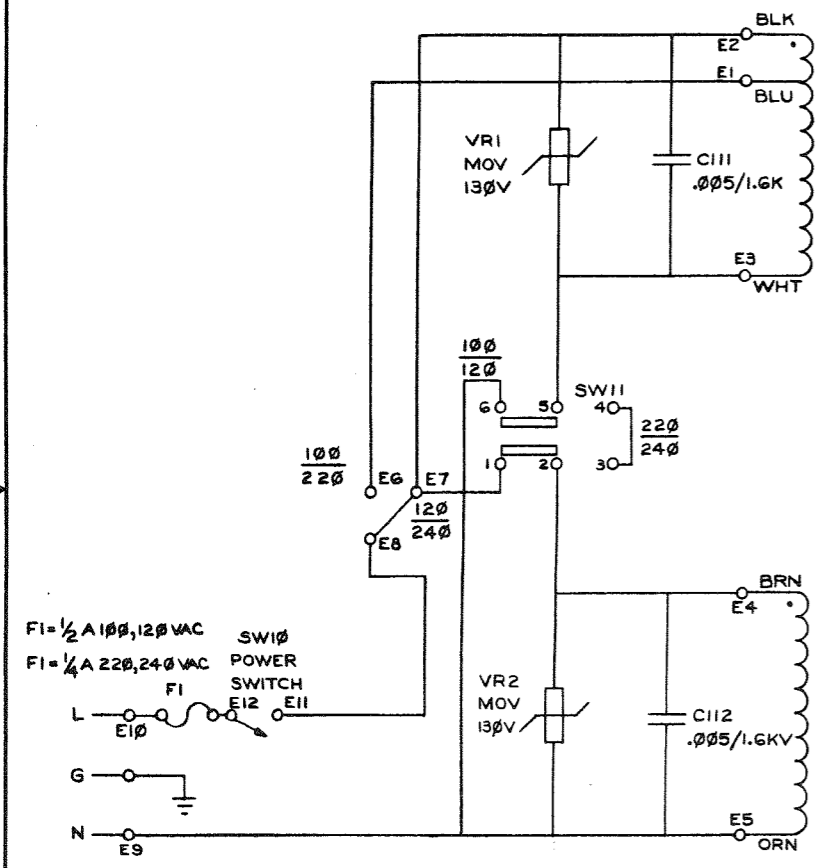
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	RELEASE FOR PRODUCTION	5-4-84 B	R.J.
1	ADDED GRN AND GRN/YEL DESIGNATIONS ON T1	6-27-84 B	R.J. 4/24/84
2	ADDED POWER SUPPLY TEST CONNECTOR, +22V AND -22V, DELETED TP3 TP4 AND TP5 AND CHANGED PIN DESIGNATIONS ON U4	8/1/84 H	R.g. 8/10/84
3	CHANGED PI PIN OUTPUT	10/5/84 H	R.J. 10/14/84

QTY REQD	CODE IDENT	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS DECIMALS ANGLES		CONTRACT NO.		
XXX		lexicon		
APPROVALS		DATE		
DRAWN		5-1-84		
CHECKED		5/9/84		
ISSUED		5/9/84		
MATERIAL		FINISH		
NEXT ASSY		USED ON		
APPLICATION		DO NOT SCALE DRAWING		
SCALE NA		SHEET 6 OF 6		

MG0	

SCHEMATIC, MOTHERBOARD	
POWER SUPPLY, MG0	
SIZE FSCM NO.	DWG. NO.
D	060-03954
REV.	3

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	RELEASE FOR PRODUCTION	5-4-84 B	R.J.
1	ADDED GRN AND GRN/YEL DESIGNATIONS ON T1	6-27-84 B	R.J. 6/29/84
2	ADDED POWER SUPPLY TEST CONNECTOR, +22V AND -22V, DELETED TP3 TP4 AND TP5 AND CHANGED PIN DESIGNATIONS ON U4	8/1/84 P.g. 8/10/84	
3	CHANGED PI PIN OUTPUT	10/5/84 P.J. 10/14/84	
4	ADDED OPTIONAL RESISTOR	1/2/85 P.J. 1/7/85	

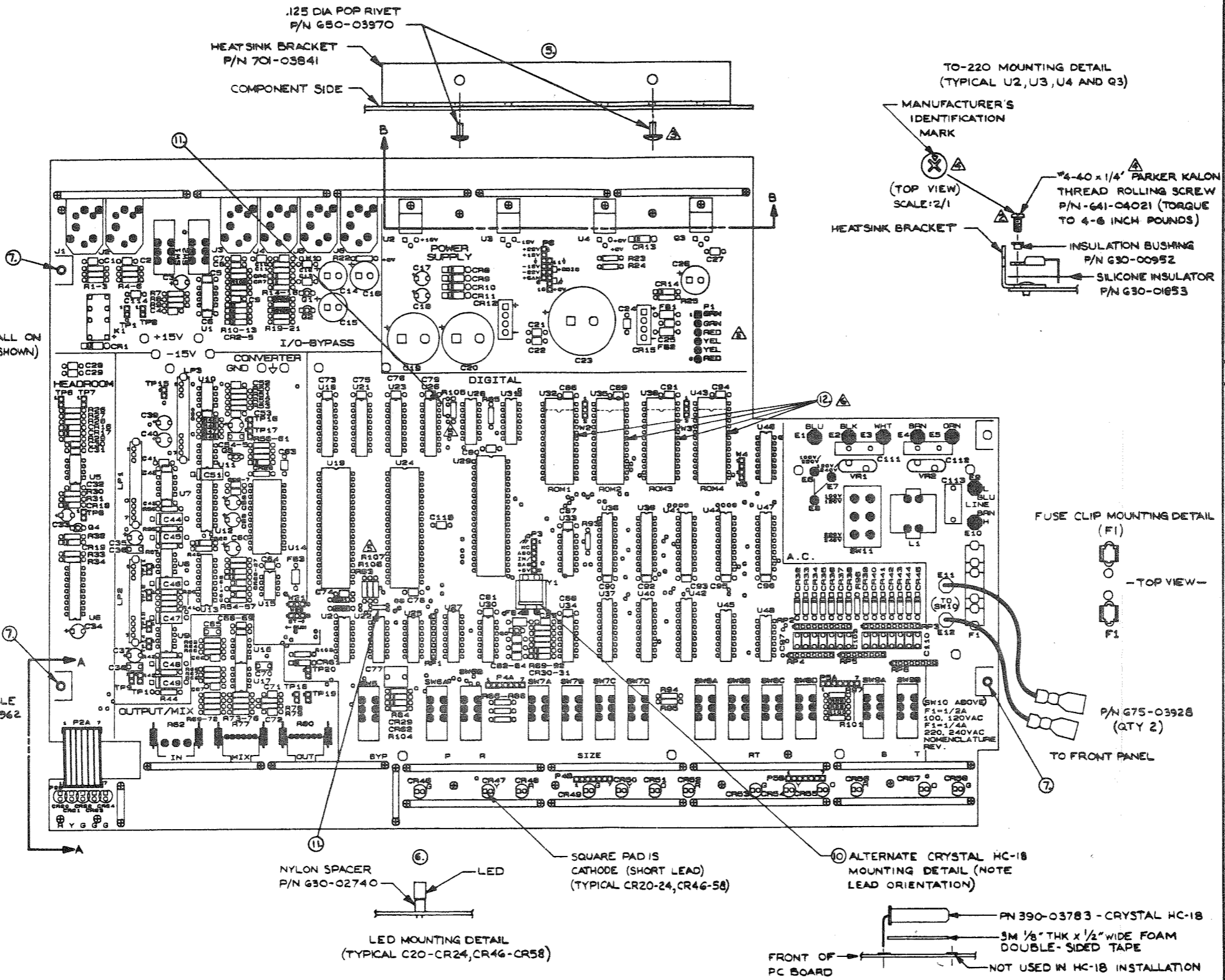


QTY REQD	CODE IDENT	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES .XX .XXX .XXX			CONTRACT NO. lexicon	
APPROVALS		DATE		
DRAWN B		5-1-84		
MATERIAL		CHECKED RJ 5/9/84		
FINISH		ISSUED RJ 5/9/84		
NEXT ASSY		USED ON		
APPLICATION		DO NOT SCALE DRAWING		
SCALE NA			SHEET 6 OF 6	

REVISIONS CONTINUED			
REV.	DESCRIPTION	DATE	APPROVED
△	ADDED NOTE 12	11/12/84	R.J. 11/14/84

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	RELEASE FOR PROTOTYPE	JCR 3/13/84	R.J. 3/14/84
			R.G. 3/20/84
1	RELEASE FOR LIMITED PRODUCTION	JCR 4/14/84	R.J. 4/17/84
			R.G. 4/17/84
△	CHANGED 4-40 SELF-TAPPING SCREW USED IN TO-220 MOUNTING DETAIL FROM P/N 641-03543 TO P/N 641-04021 AS PER ECO # 840613-01 AND ADDED MOUNTING DETAIL FOR HC-18 CRYSTAL AS PER ECO # 840607-01	J.B. 6/14/84 W.S.N. 6/14/84	R.J. 6/14/84
△	POP RIVETS CHANGED DIRECTION OF MOUNTING AND REDRAWN FOR REV. 2 OF BOARD	11/7/25/84	R.J. 7/24/84
△	RESPECIFIED 4-40 x 1/4" SCREW USED IN TO-220 MOUNTING DETAIL; ADDED TORQUE SPECIFICATION AND SCREW HEAD IDENTIFICATION MARK DETAIL PER ECO # 840911-00	11/9/13/84 W.S.N. 9/11/84	R.G. 9/11/84
△	ADDED C114, C115, R106, R107 AND 3 JUMPER WIRES AND CHANGED SW3 AND SW4 TO W21 AND W22 AND IN P1 ADDED GRN TO PAD 2, CHANGED PAD 3 AND 4 TO RED AND YEL. AND MASKED PADS, ALSO ADDED NOTE FOR JUMPER WIRES AND JUMPER CONNECTOR DETAIL FOR W21 AND W22	11/10/17/84	R.J. 10/19/84

VIEW B-B
HEATSINK BRACKET MOUNTING DETAIL



- NOTES
- REFER TO LEXICON BOM NO. 025-03795 AND 024-03794.
 - ALL COMPONENTS TO BE INSTALLED FROM COMPONENT SIDE OF PCB EXCEPT SWAGED STANDOFFS.
 - MASKING FOR POST-SOLDER ASSEMBLY IS INDICATED BY SOLID AREAS.
 - SOCKET IC POSITIONS U19-U24, U26-U30, U32, U33, U47 AND U48 ONLY.
 - HEATSINK BRACKET TO BE SECURED TO PCB WITH (2) .125" DIAMETER POP RIVETS. THIS IS TO BE DONE BEFORE THE INSTALLATION OF U2, U3, U4 AND Q3.
 - LEXICON SUPPLIED JIG TO BE USED FOR LED MOUNTING TO ENSURE PROPER ALIGNMENT.
 - INSTALL SWAGE STANDOFFS (QTY. 3) P/N 635-03633 FROM CIRCUIT SIDE OF PCB.
 - COMPONENT HEIGHT 1.00" MAXIMUM.
 - LEAD PROTRUSION .080" MAXIMUM FROM CIRCUIT SIDE OF PCB.
 - PRE-FORM LEADS TO 90° AND APPLY 3M DOUBLE STICK TAPE TO P/N 390-03783 (HC-18 ONLY) BEFORE INSTALLATION INTO PCB.
 - ADD 24 AWG. JUMPER WIRE P/N 670-04082, 3 PLACES, BEND WIRE TO .3" CENTERS.
 - WHEN USING 24 PIN I.C.'S, FOR U32, U35, U38 AND U43 (LEXICON P/N'S 350-04016 THRU 350-04019), IN 28 PIN SOCKETS, INSTALL WITH PIN1 IN PIN3 LOCATION.

APPROVED		DATE	PC ASSEMBLY DRAWING	
MGO		7/25/84	MOTHERBOARD, M60	
R.J.		7/26/84	SIZE	DRAW. NO.
			D	080-03952
APPLICATION			SCALE	SHEET
			1/1	1 OF 1

APPROVED		DATE	PC ASSEMBLY DRAWING	
MGO		7/25/84	MOTHERBOARD, M60	
R.J.		7/26/84	SIZE	DRAW. NO.
			D	080-03952
APPLICATION			SCALE	SHEET
			1/1	1 OF 1