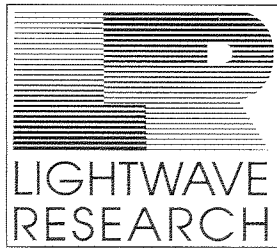
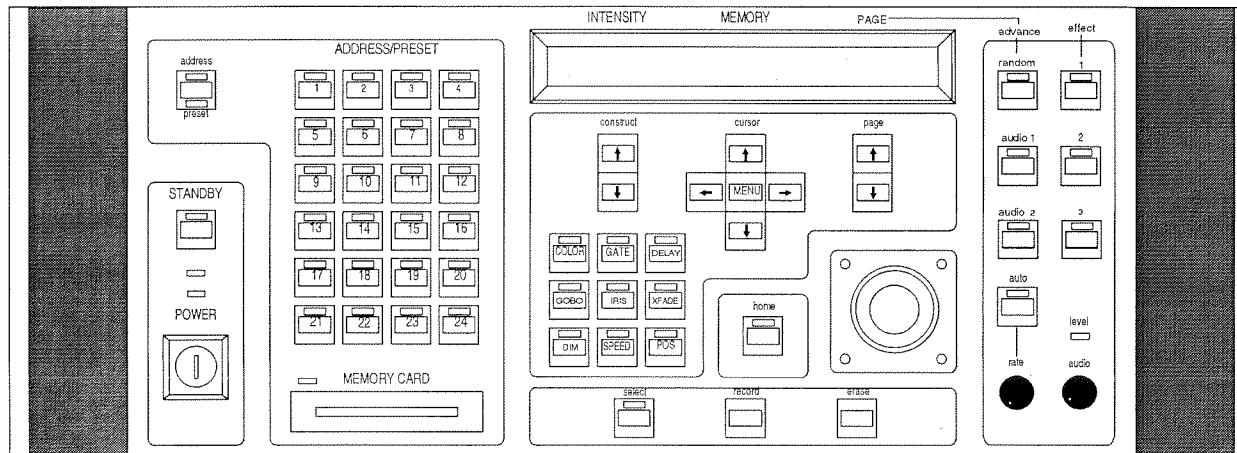


LCD Controller



2209 West Baker Lane
Austin, Texas, U.S.A.

*Schematic
Drawings*

LCD Controller

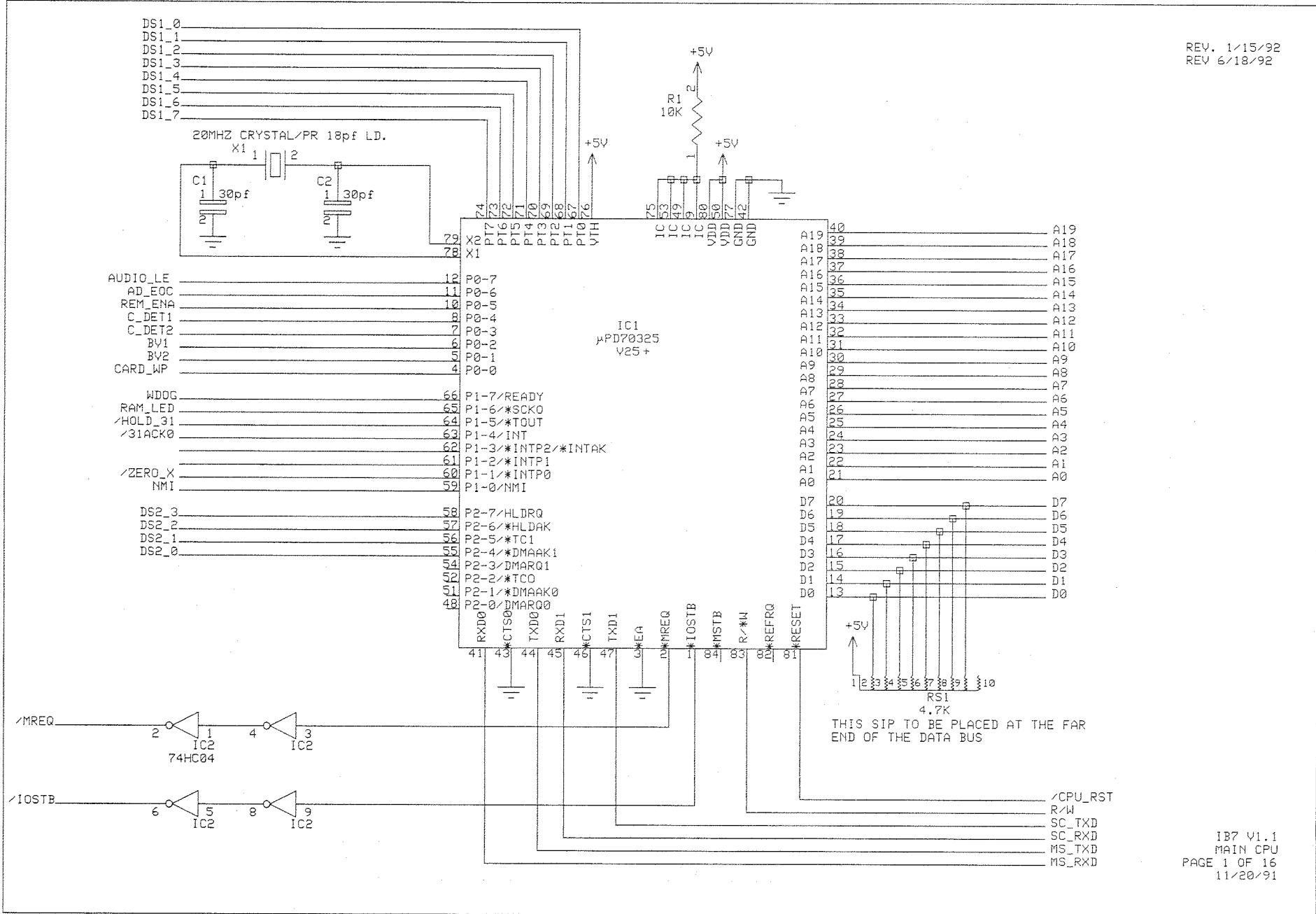
Schematic Drawings Revision 1.1

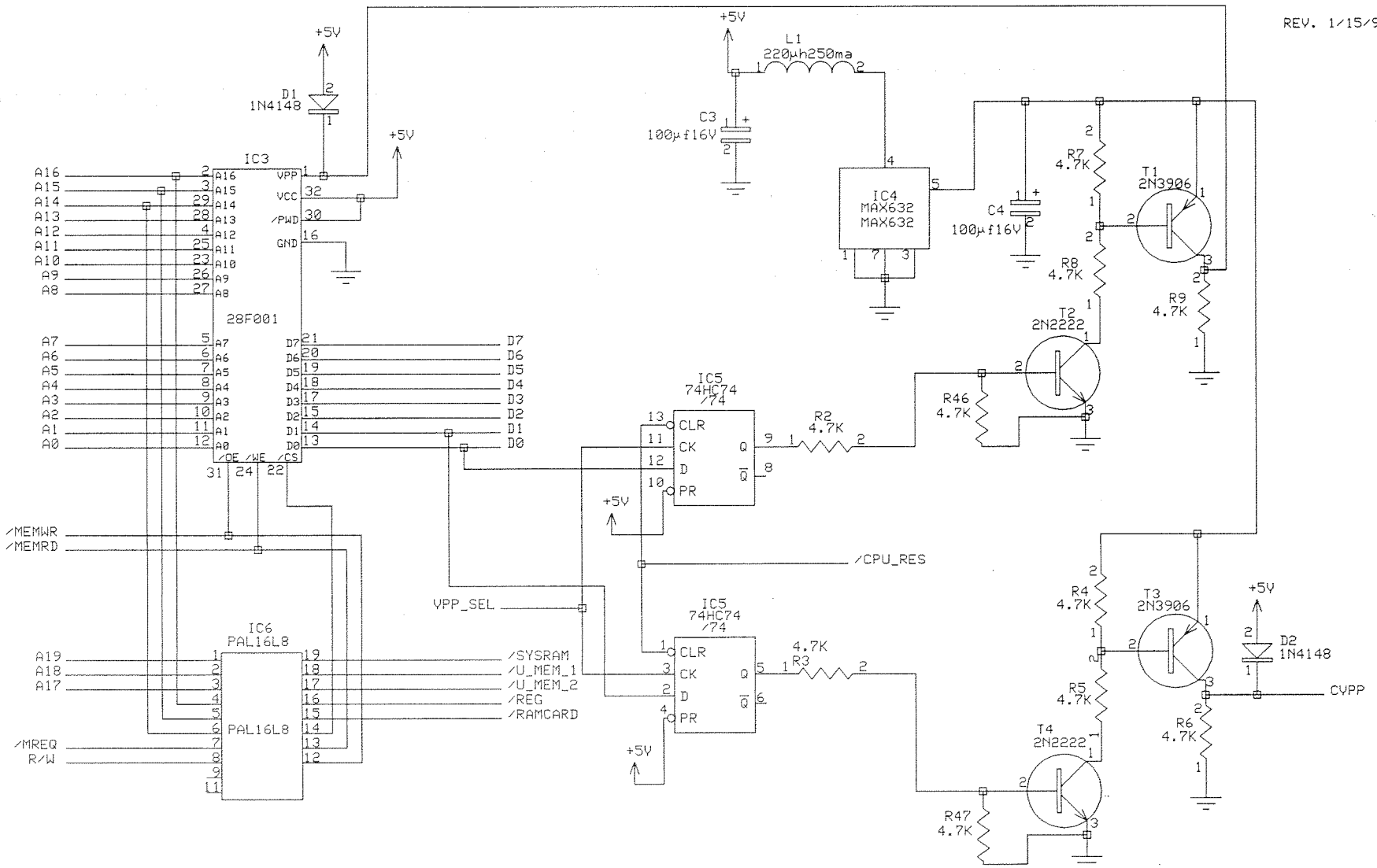
IB-7 Controller Motherboard	
Main CPU	1
Memory Interface	2
User Memory/CPU Control	3
User Memory/System RAM Control	4
System RAM/RAM Card	5
Shared RAM	6
Analog Inputs	7
Miscellaneous I/O	8
LCD Interface, I/O Chip Select	9
Communications	10
I/O Processor	11
Keyboard Interface - Chip Selects	12
Data Link	13
Power Supply	14
Audio AGC	15
Audio Filters/Output	16
IB-6 Front Panel Circuit Board	
LED Matrix/Drivers	17
Key and Switch Scan	18
Switch Matrix	19
Connectors and Misc	20

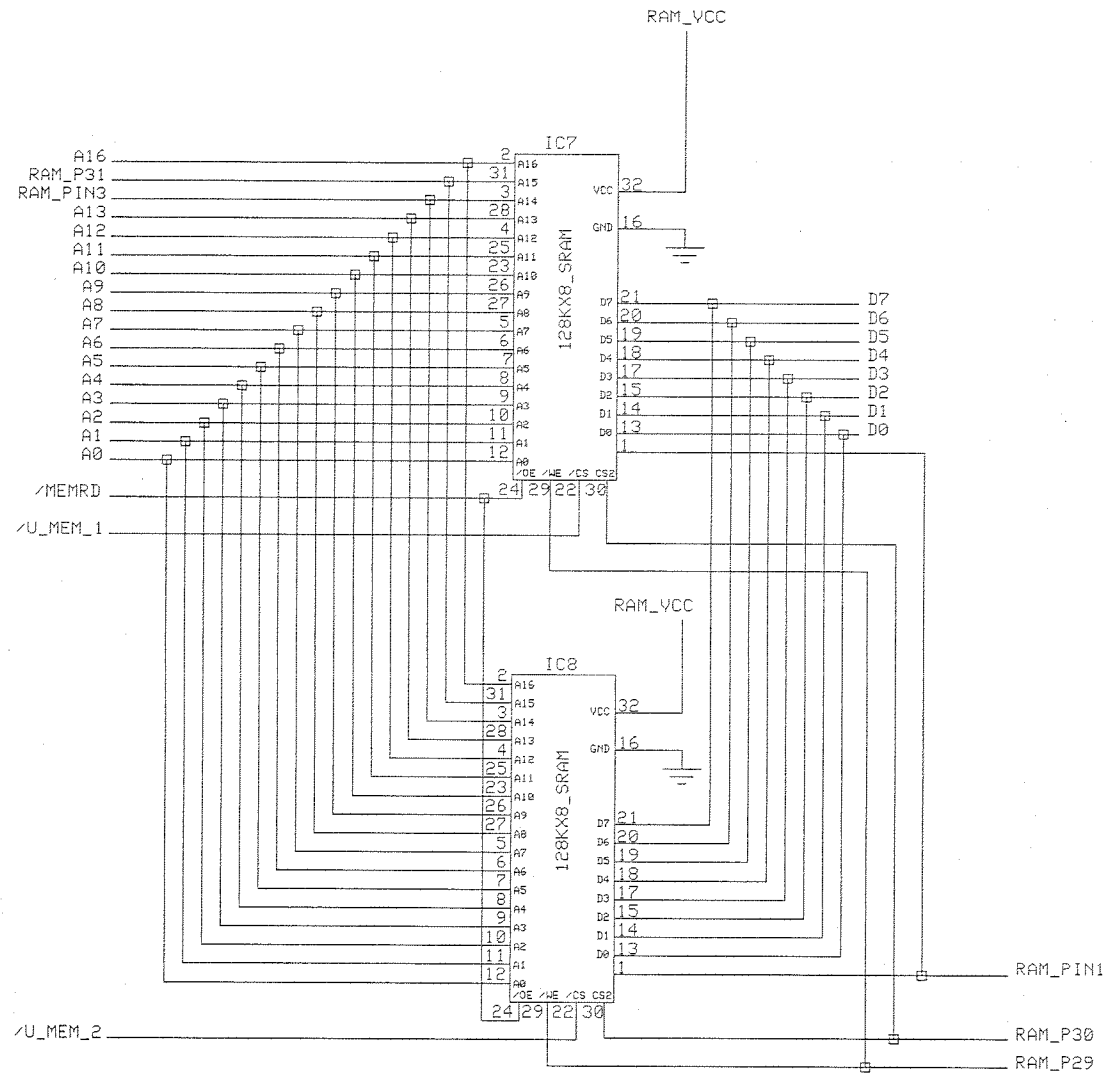
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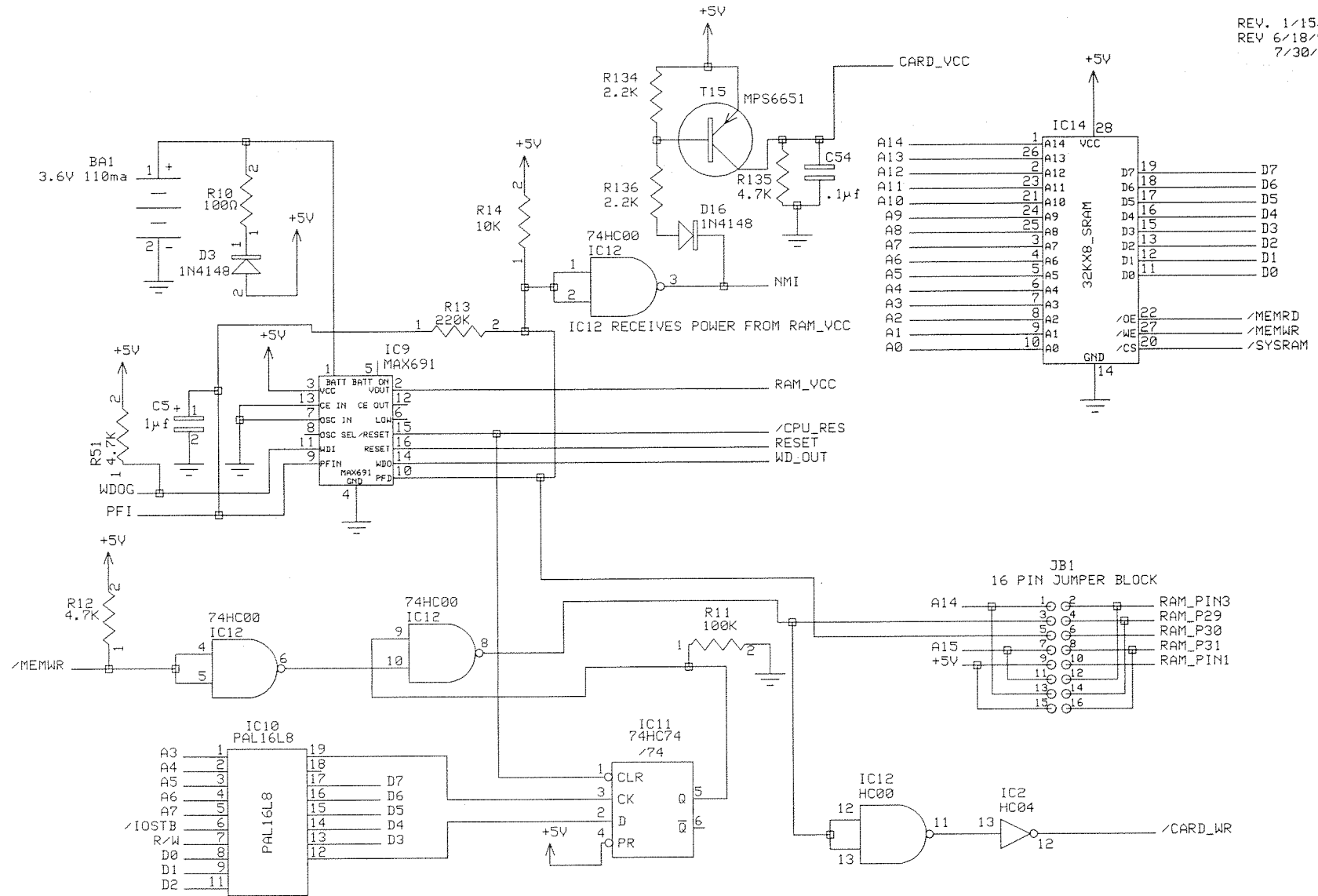
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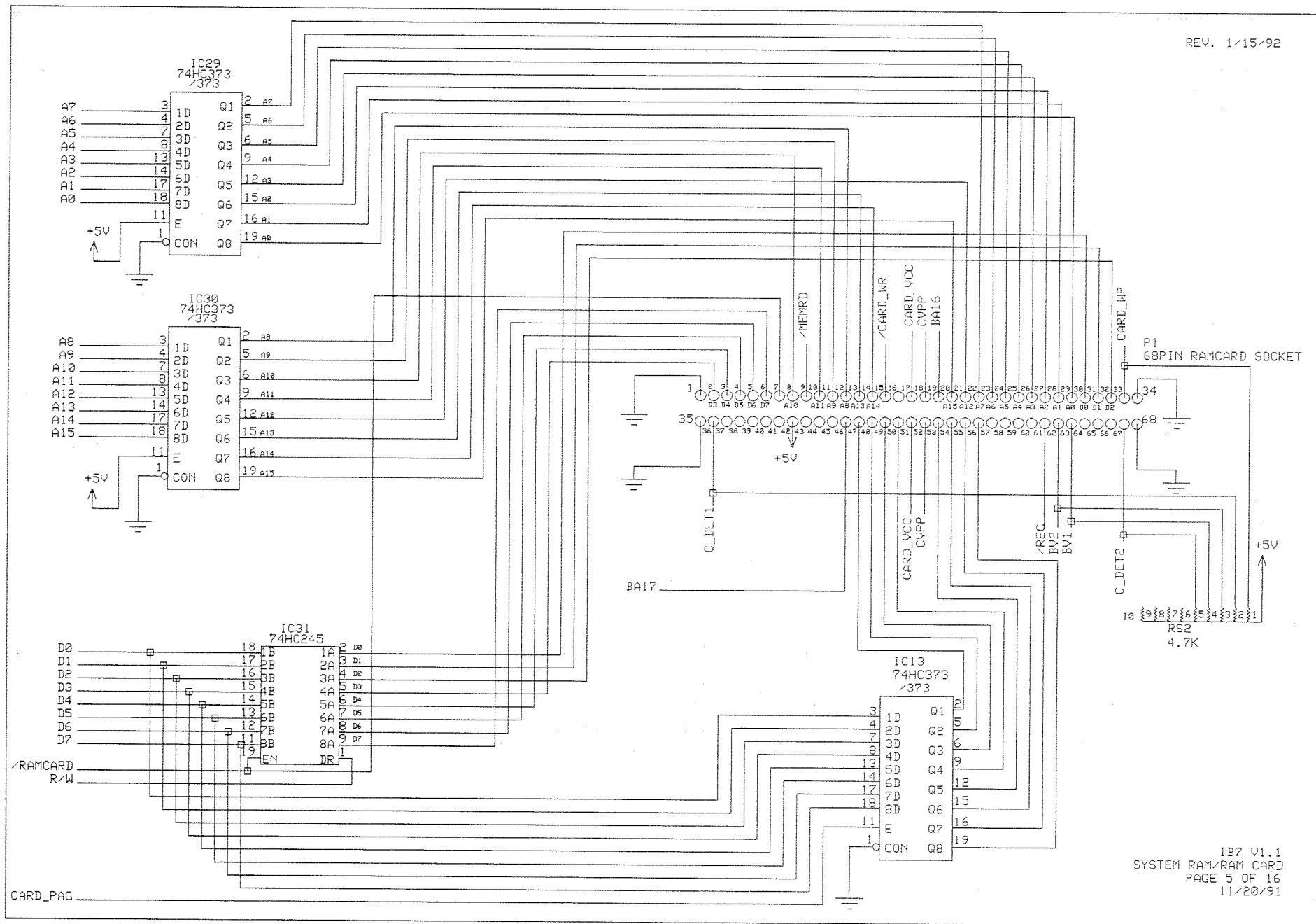
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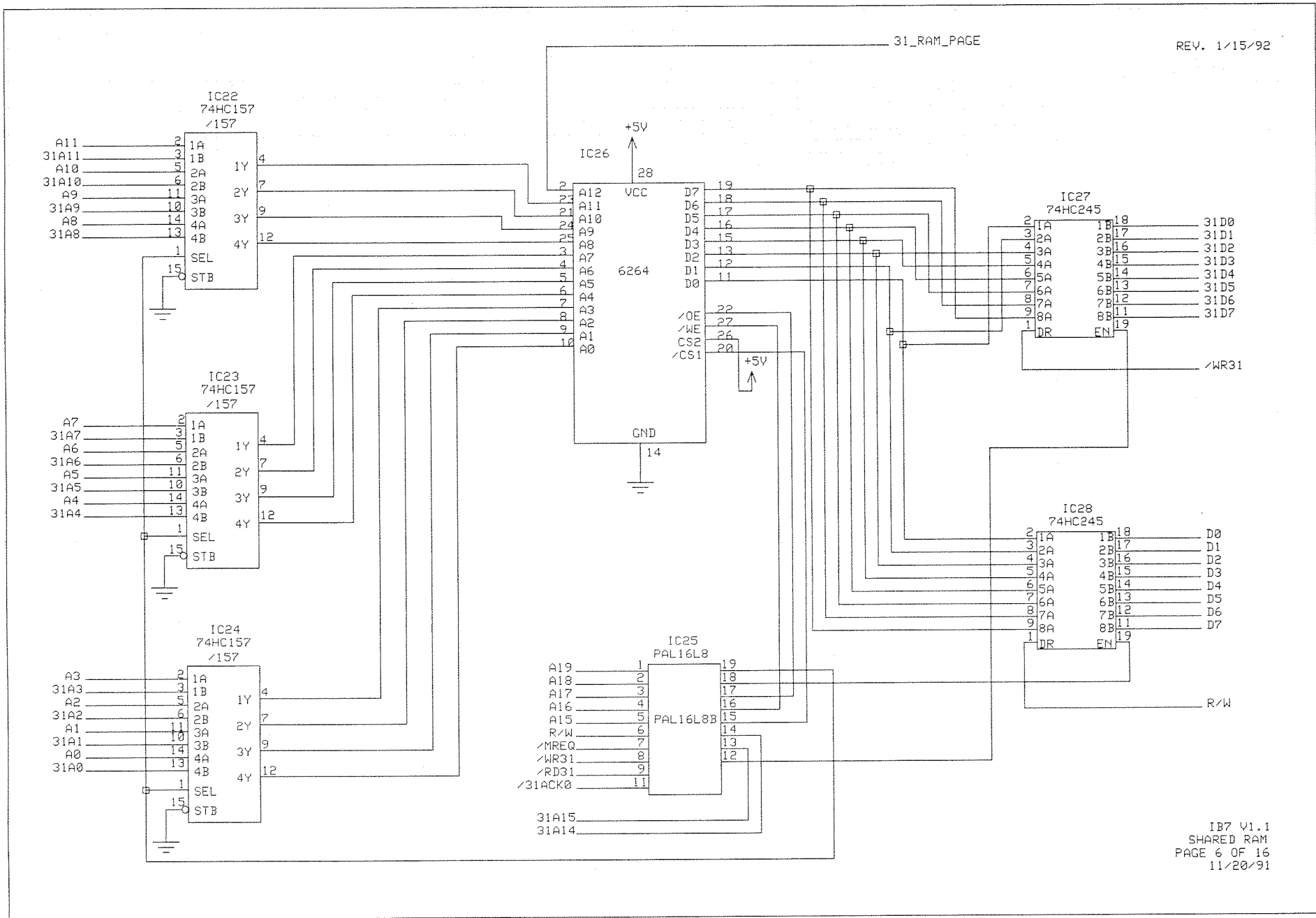




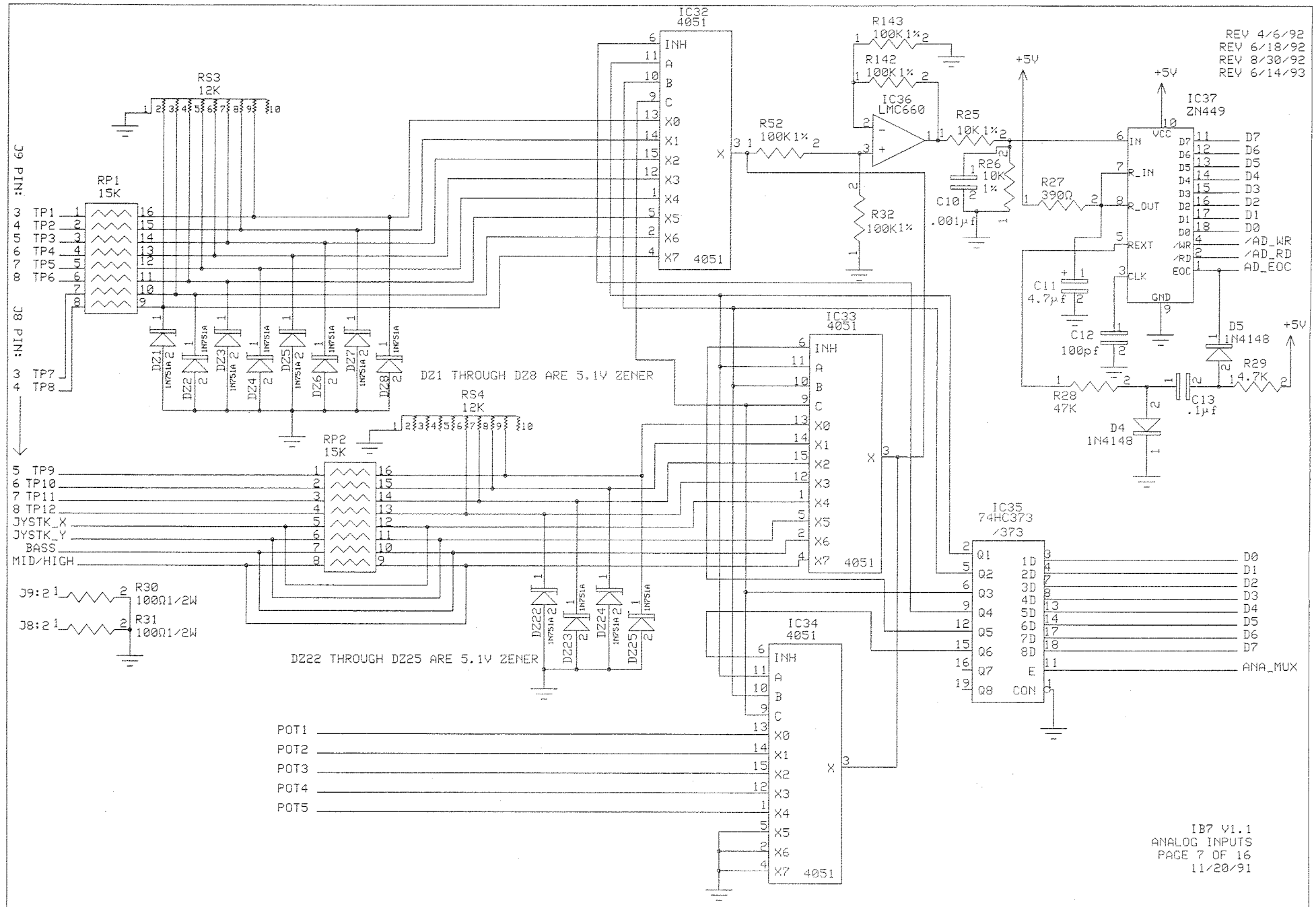




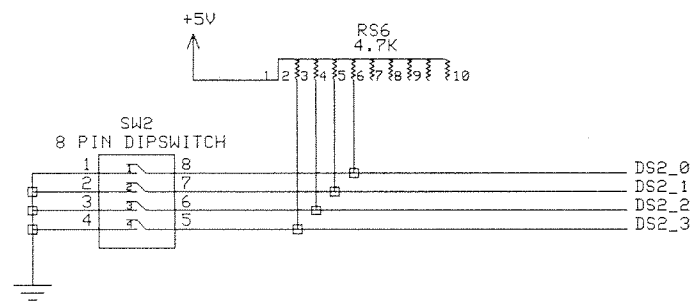
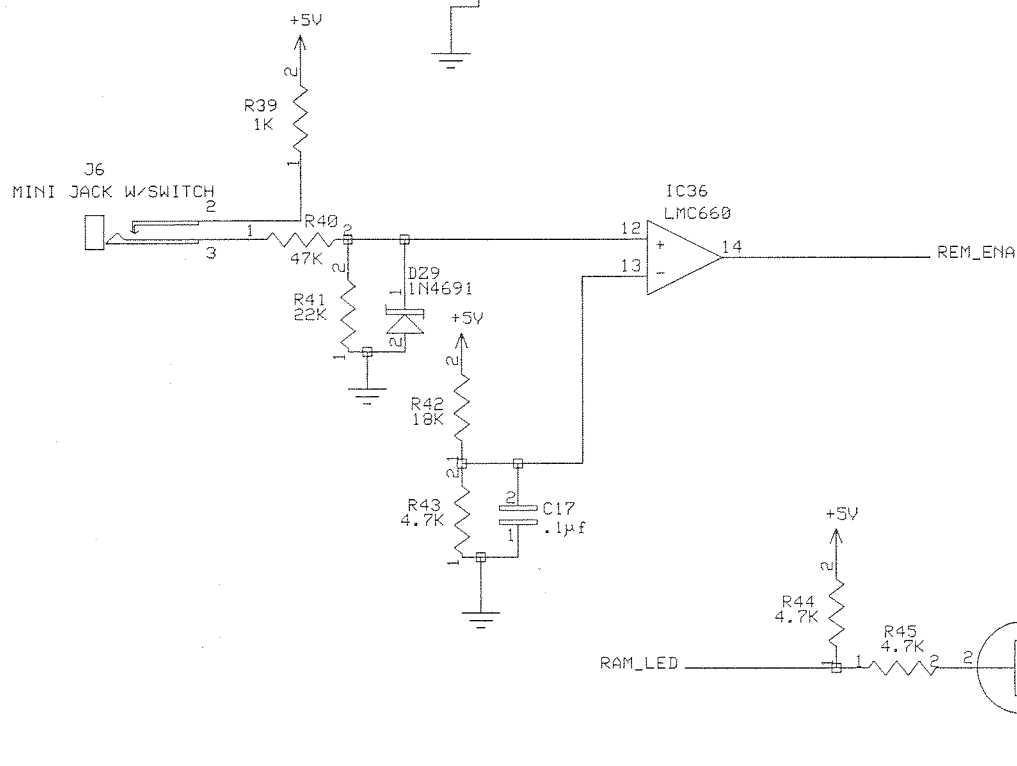
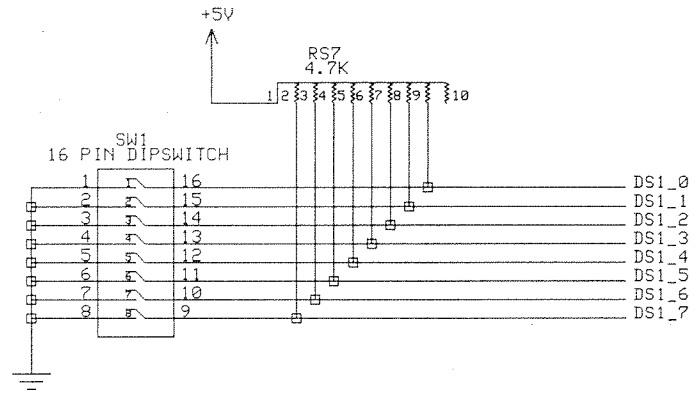
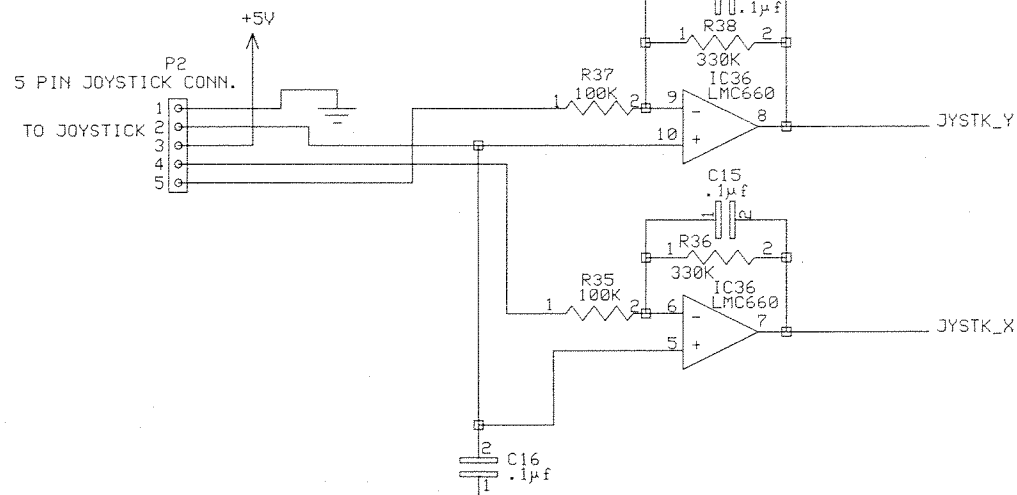


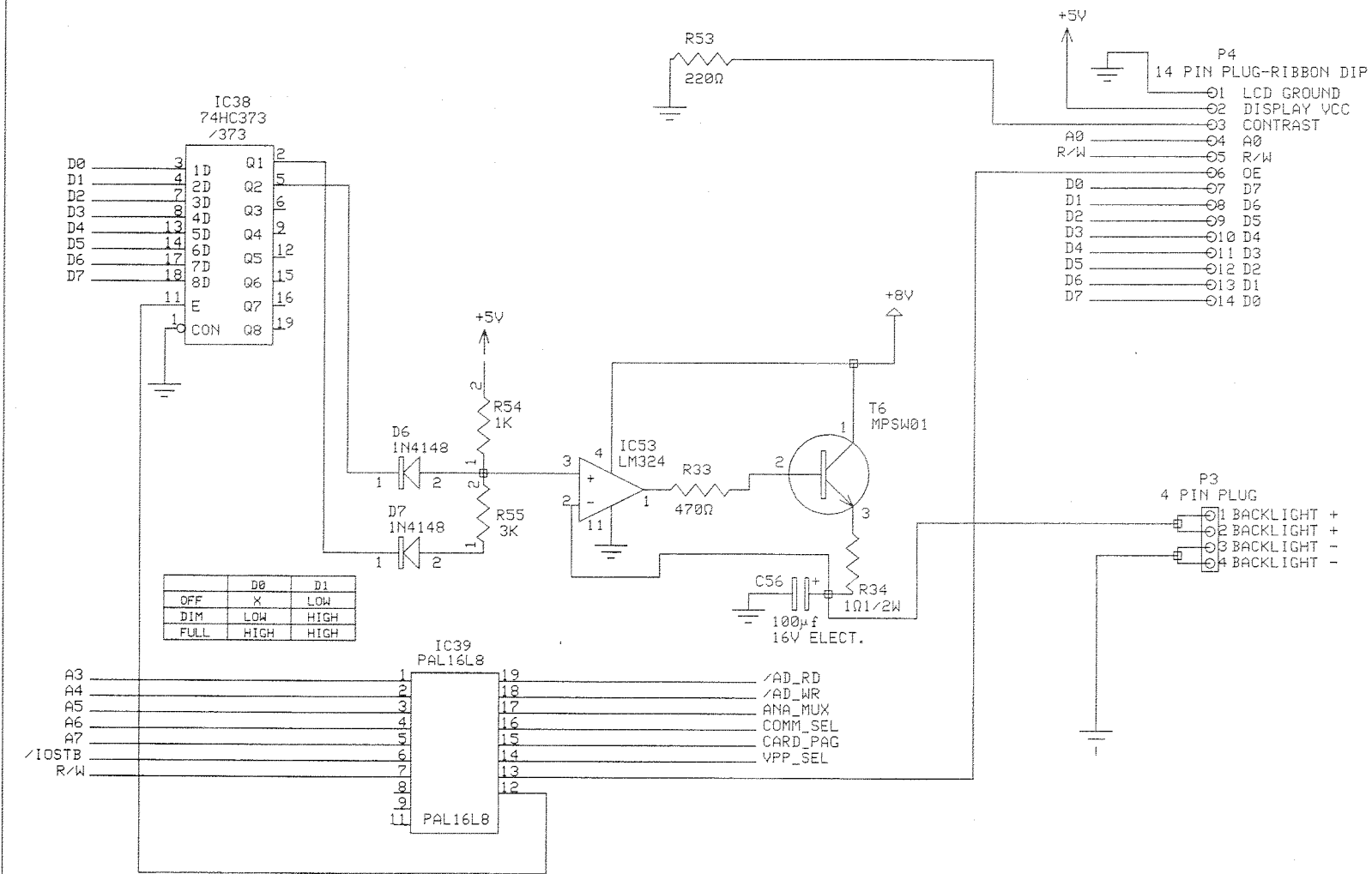


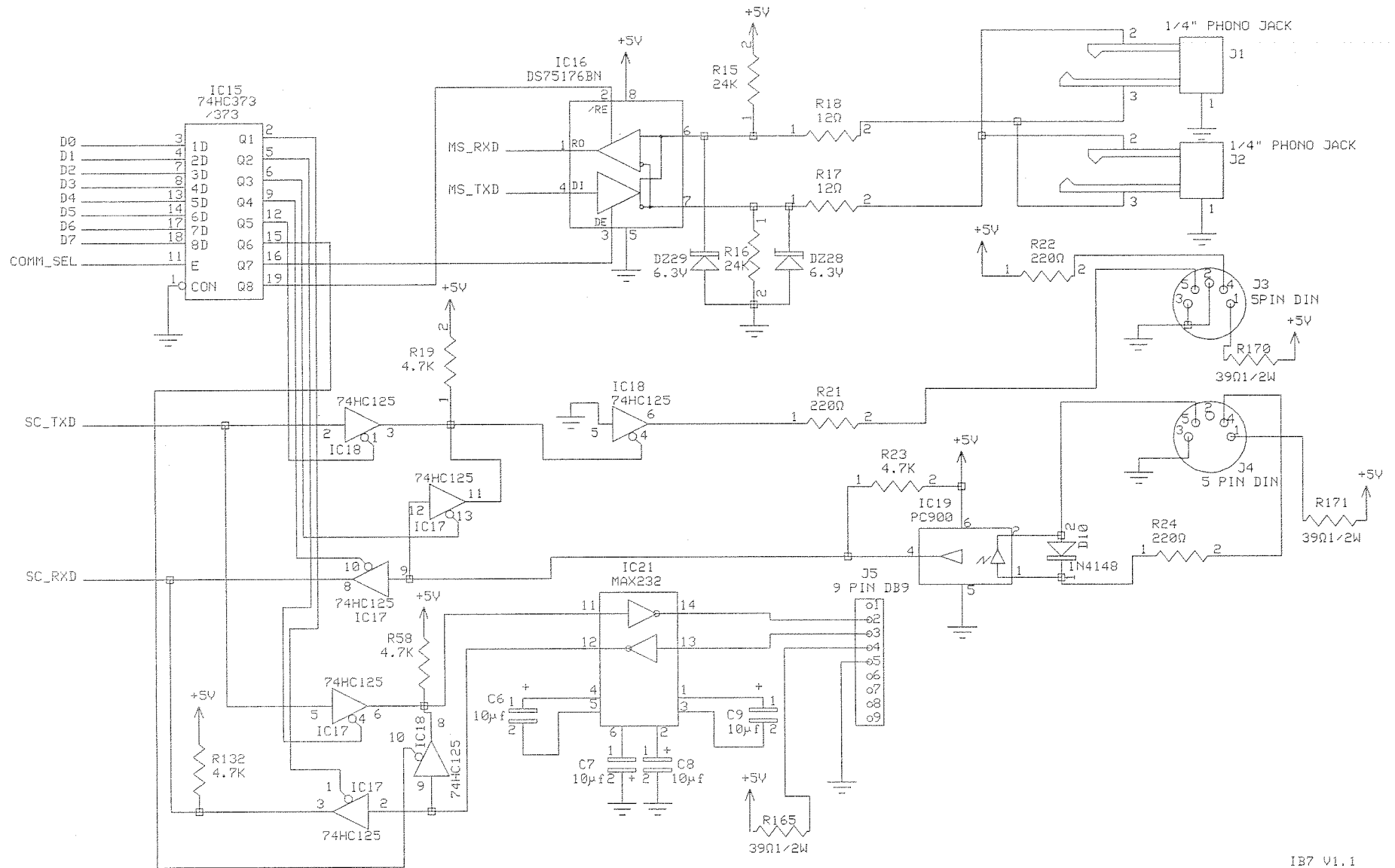
REV 4/6/92
 REV 6/18/92
 REV 8/30/92
 REV 6/14/93

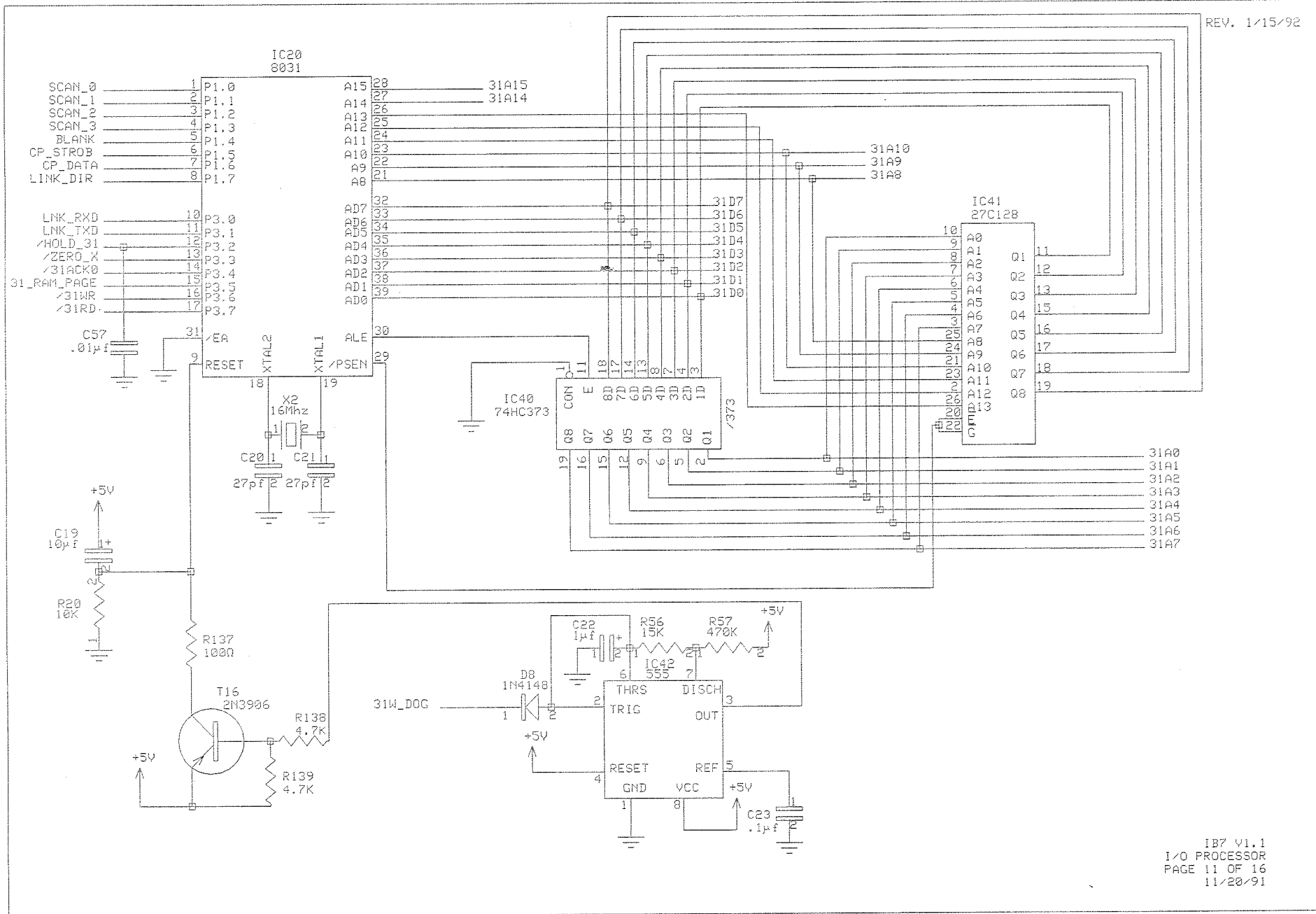


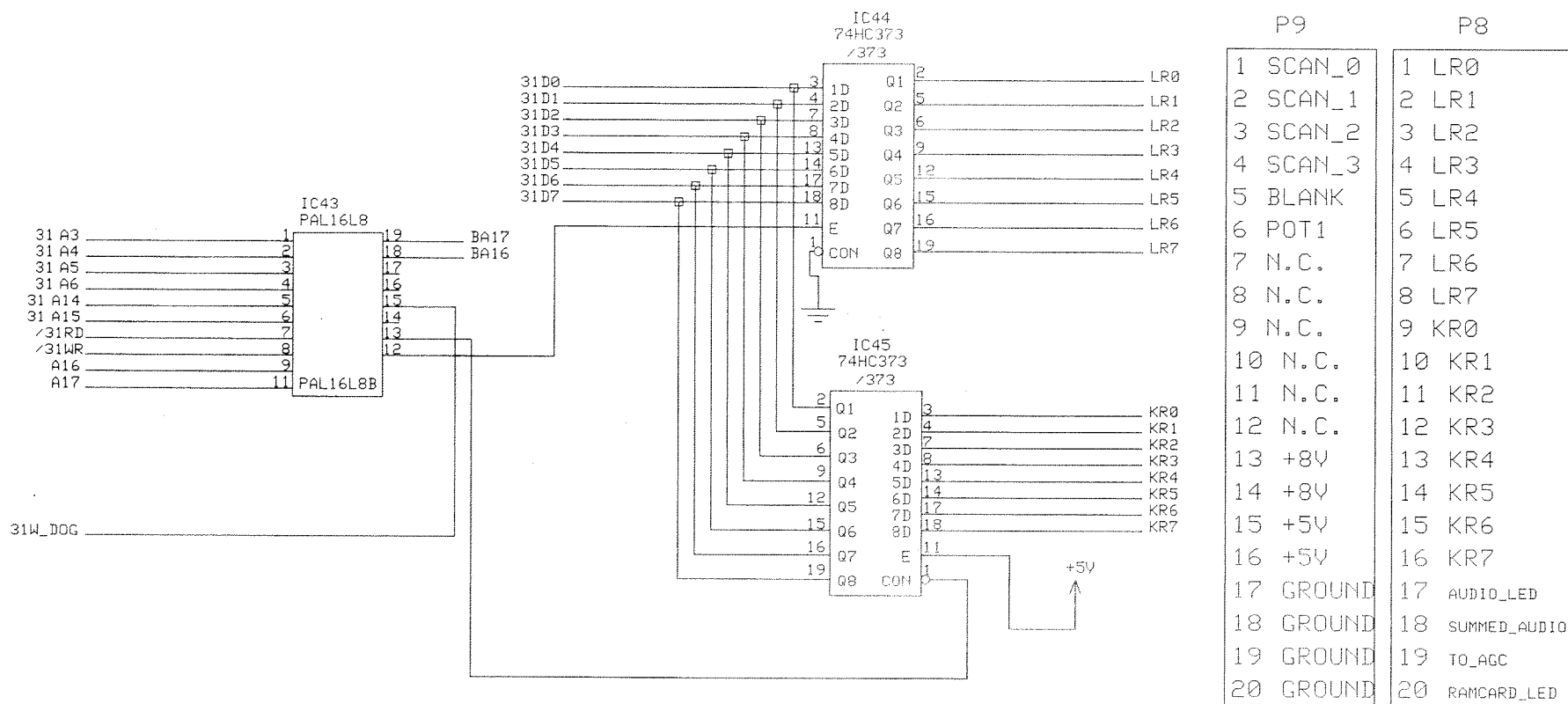
IB7 V1.1
 ANALOG INPUTS
 PAGE 7 OF 16
 11/20/91

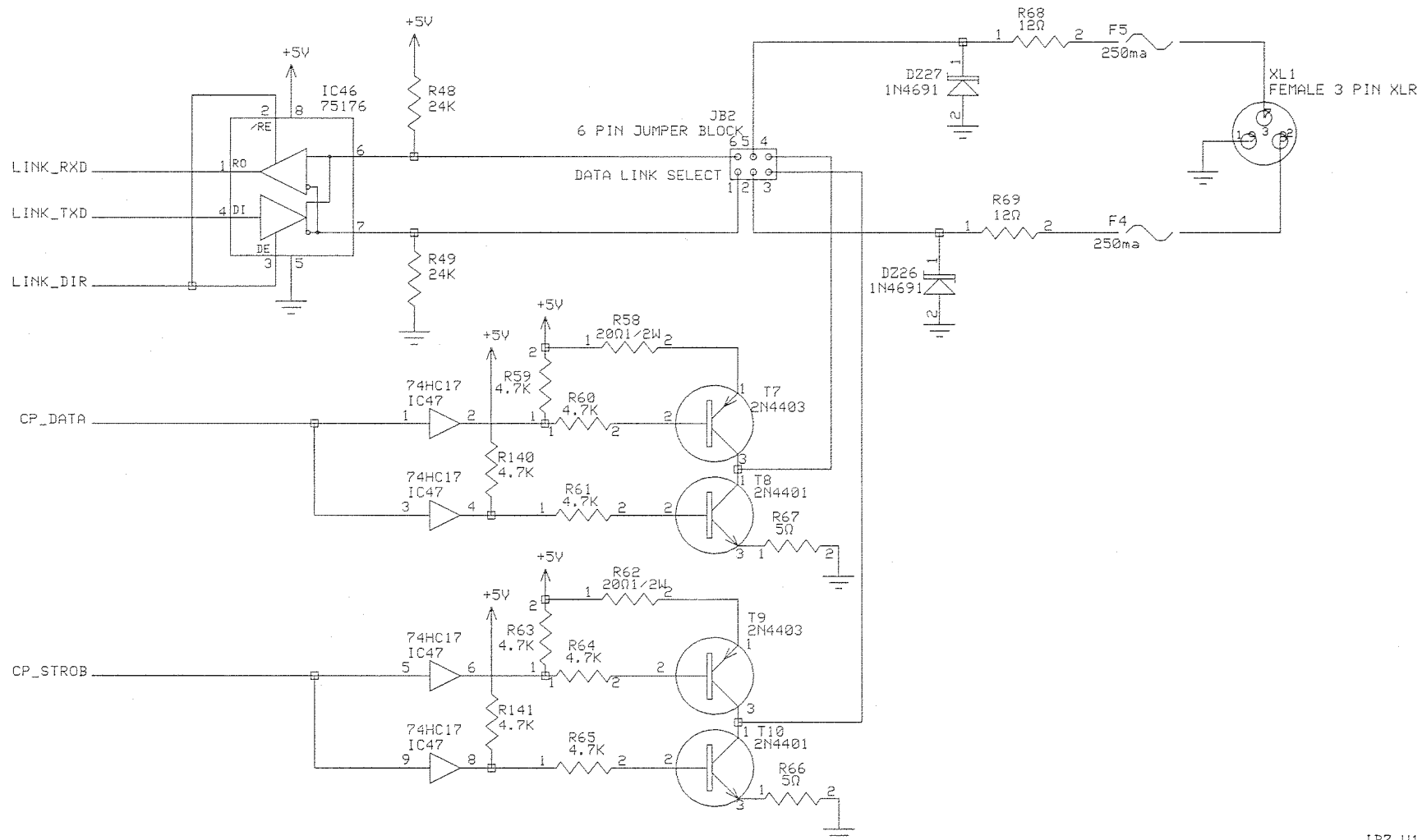




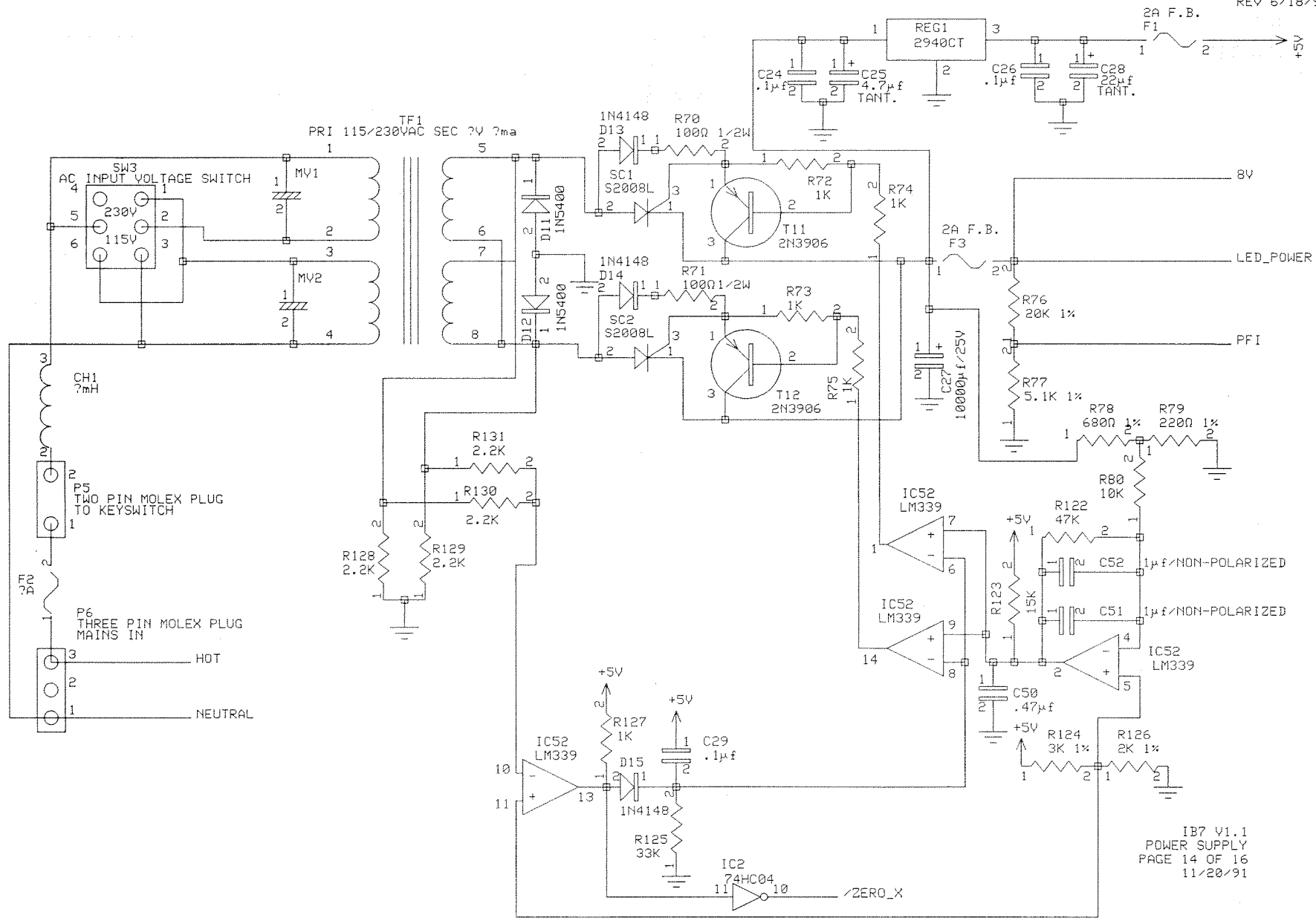








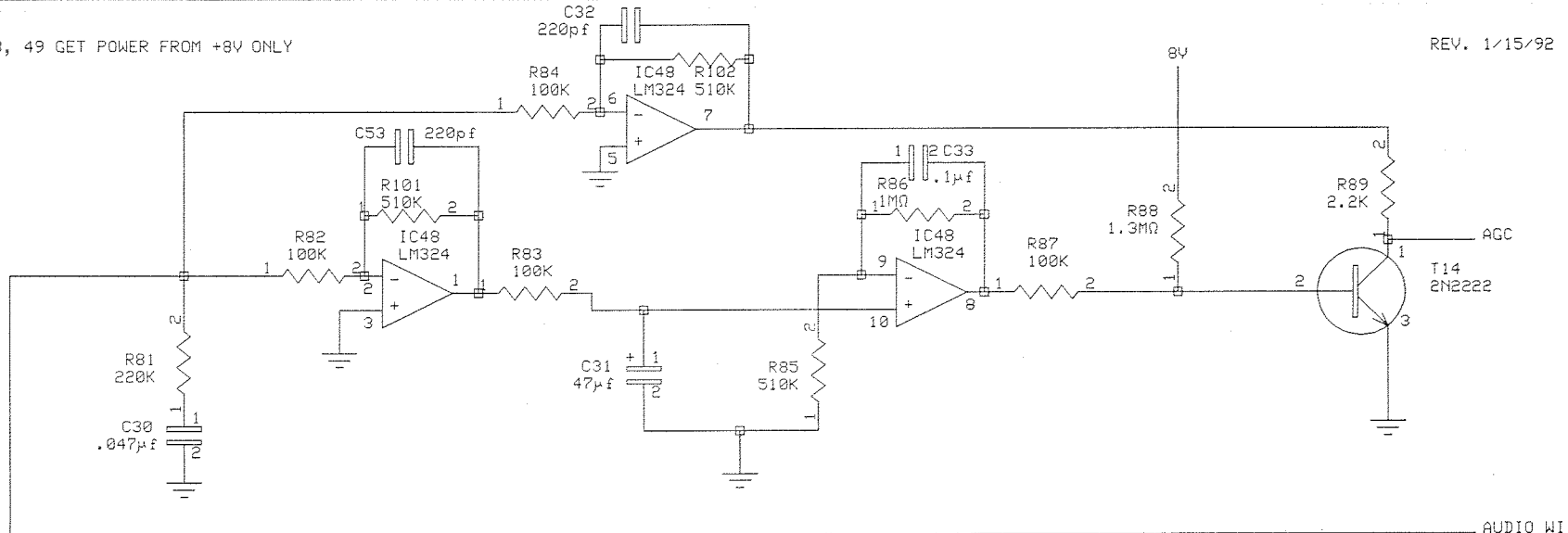
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REV 6/18/92



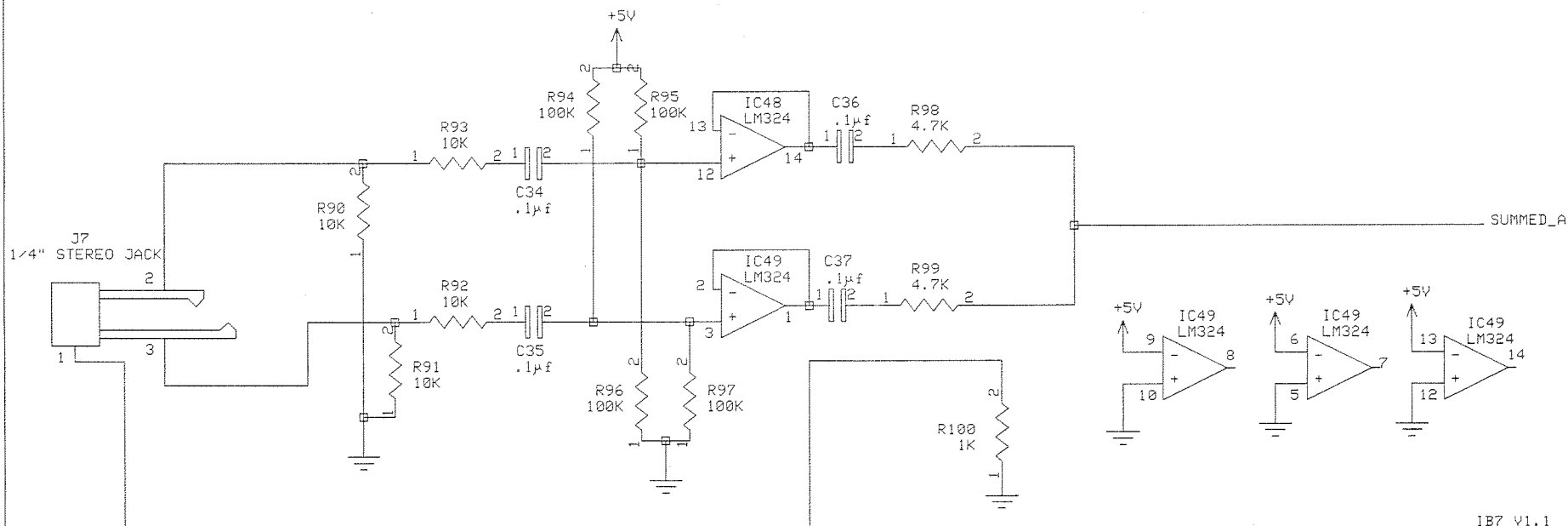
IB7 V1.1
POWER SUPPLY
PAGE 14 OF 16
11/20/91

IC'S 48, 49 GET POWER FROM +8V ONLY

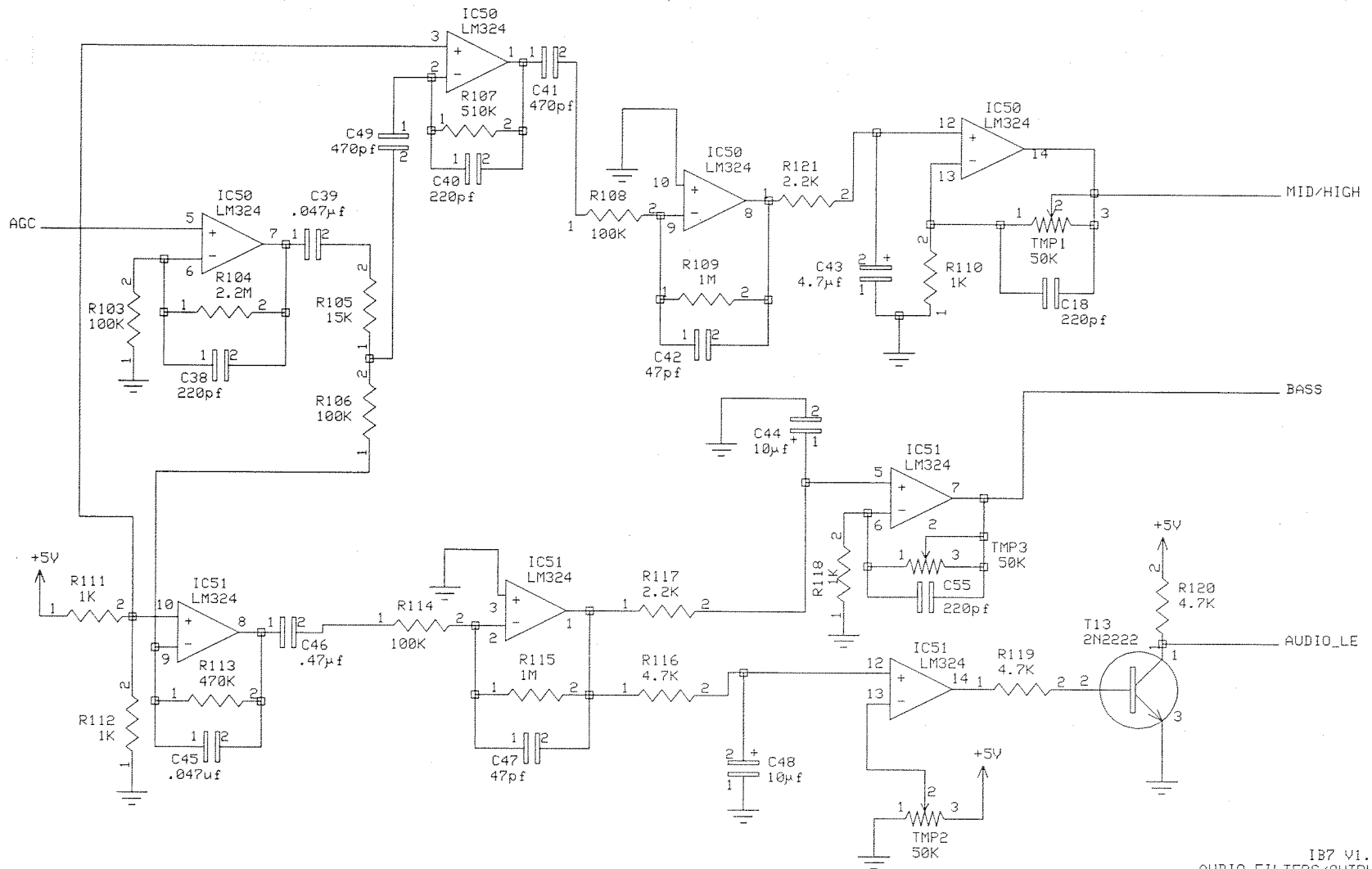
REV. 1/15/92



AUDIO_WI

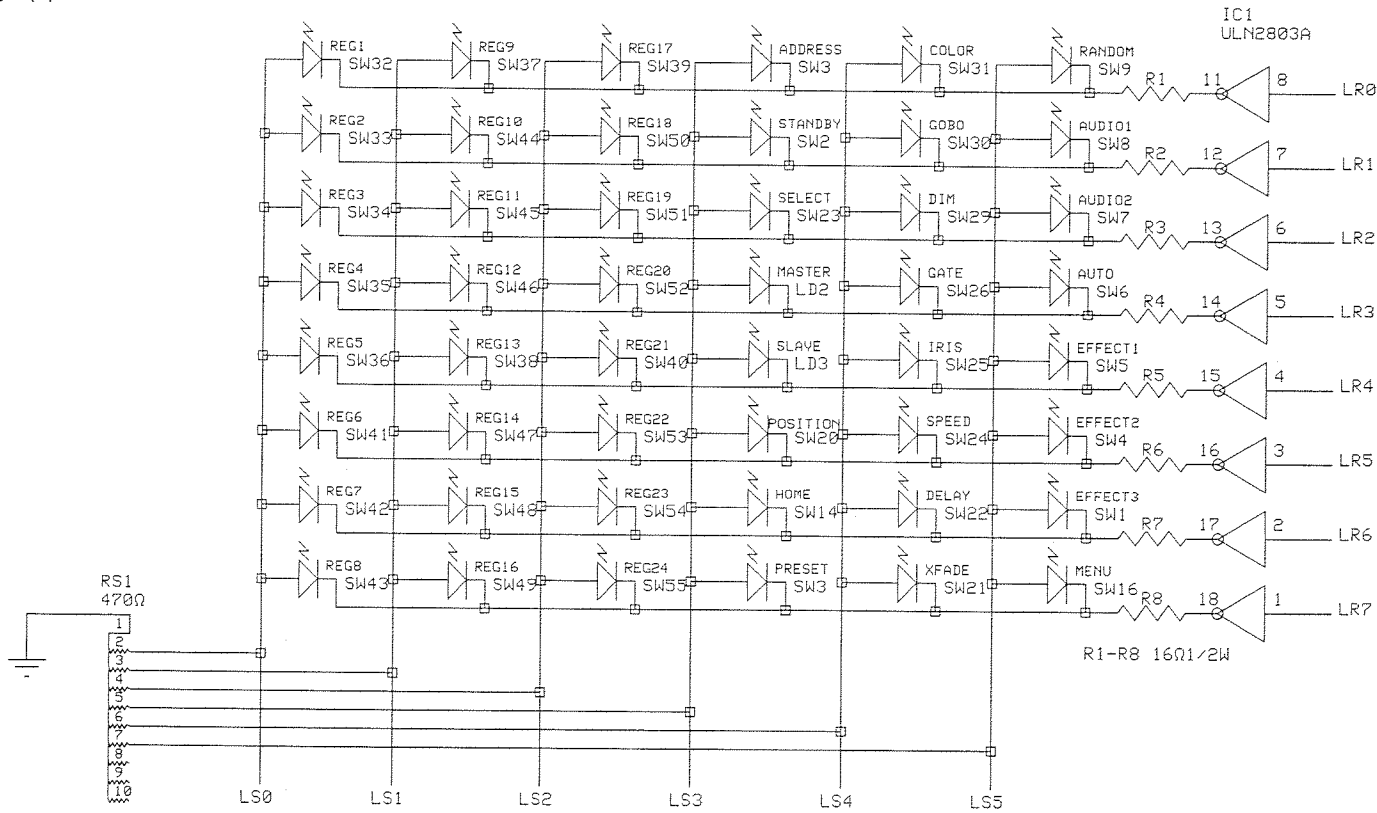


1B7 V1.1
AUDIO ACC
PAGE 15 OF 16
11/28/91



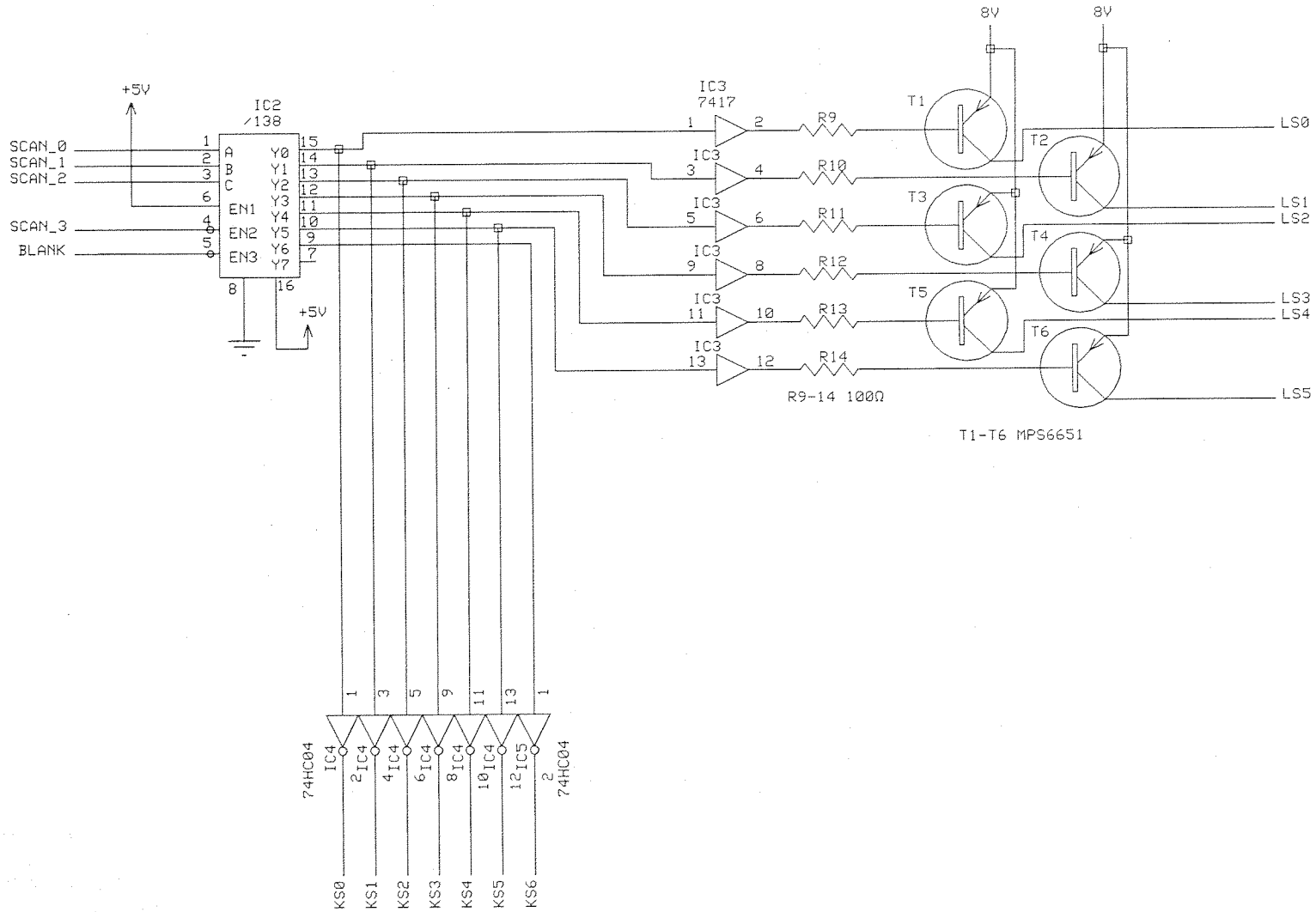
NOTE: this page shows the *intellabeam* front panel switch labeling. For the *emulator* front panel interpret the switch names of the following four switches as:
 SW21 = PROGRAM
 SW25 = SCALE
 SW29 = F2
 SW30 = F1

REV 11/11/91
 REV 3/18/92



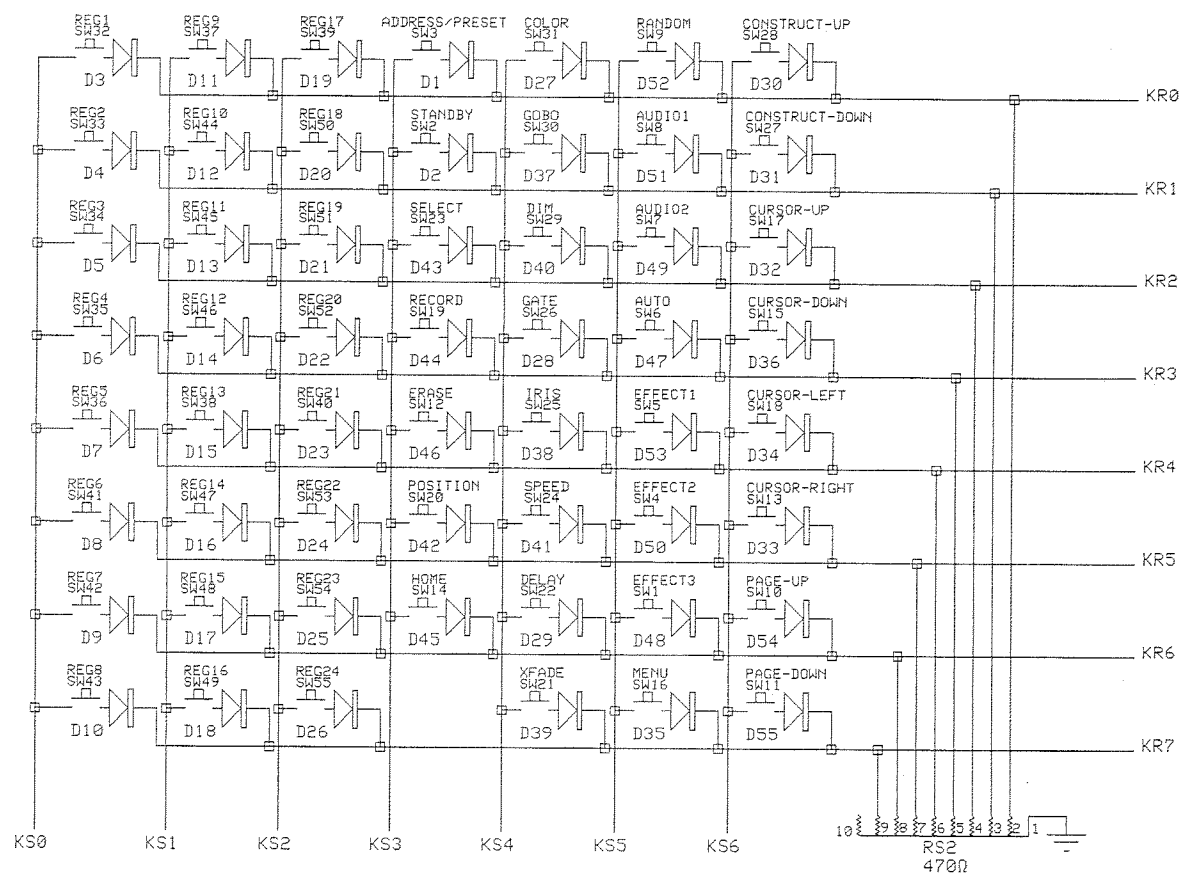
FRONT PANEL
 IB6 V1.0
 6/10/91
 PAGE 1 OF 4

LED MATRIX/DRIVERS



KEY AND SWITCH SCAN

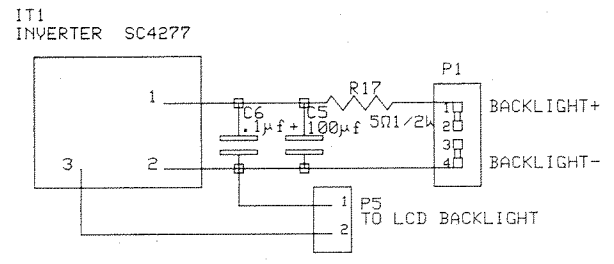
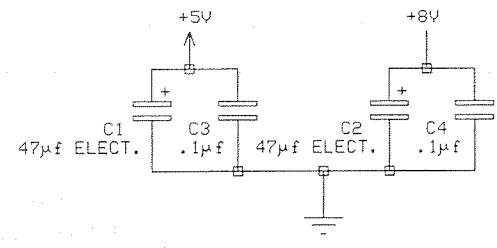
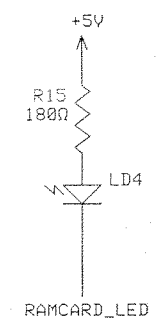
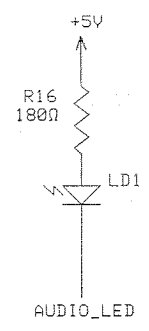
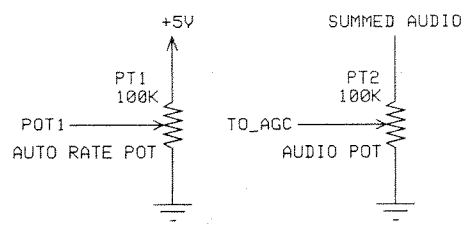
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 SW30 = F1



ALL DIODES 1N4148

SWITCH MATRIX

REV 11/11/91
 REV 3/18/92
 REV 6/18/92



P2

1	SCAN_0
2	SCAN_1
3	SCAN_2
4	SCAN_3
5	BLANK
6	POT1
7	N.C.
8	N.C.
9	N.C.
10	N.C.
11	N.C.
12	N.C.
13	+8V
14	+8V
15	+5V
16	+5V
17	GROUND
18	GROUND
19	GROUND
20	GROUND

P3

1	LR0
2	LR1
3	LR2
4	LR3
5	LR4
6	LR5
7	LR6
8	LR7
9	KR0
10	KR1
11	KR2
12	KR3
13	KR4
14	KR5
15	KR6
16	KR7
17	AUDIO_LED
18	SUMMED_AUDIO
19	TO_AGC
20	RAMCARD_LED

FRONT PANEL
 IB6 V1.0
 6/10/91
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CONNECTORS AND MISC