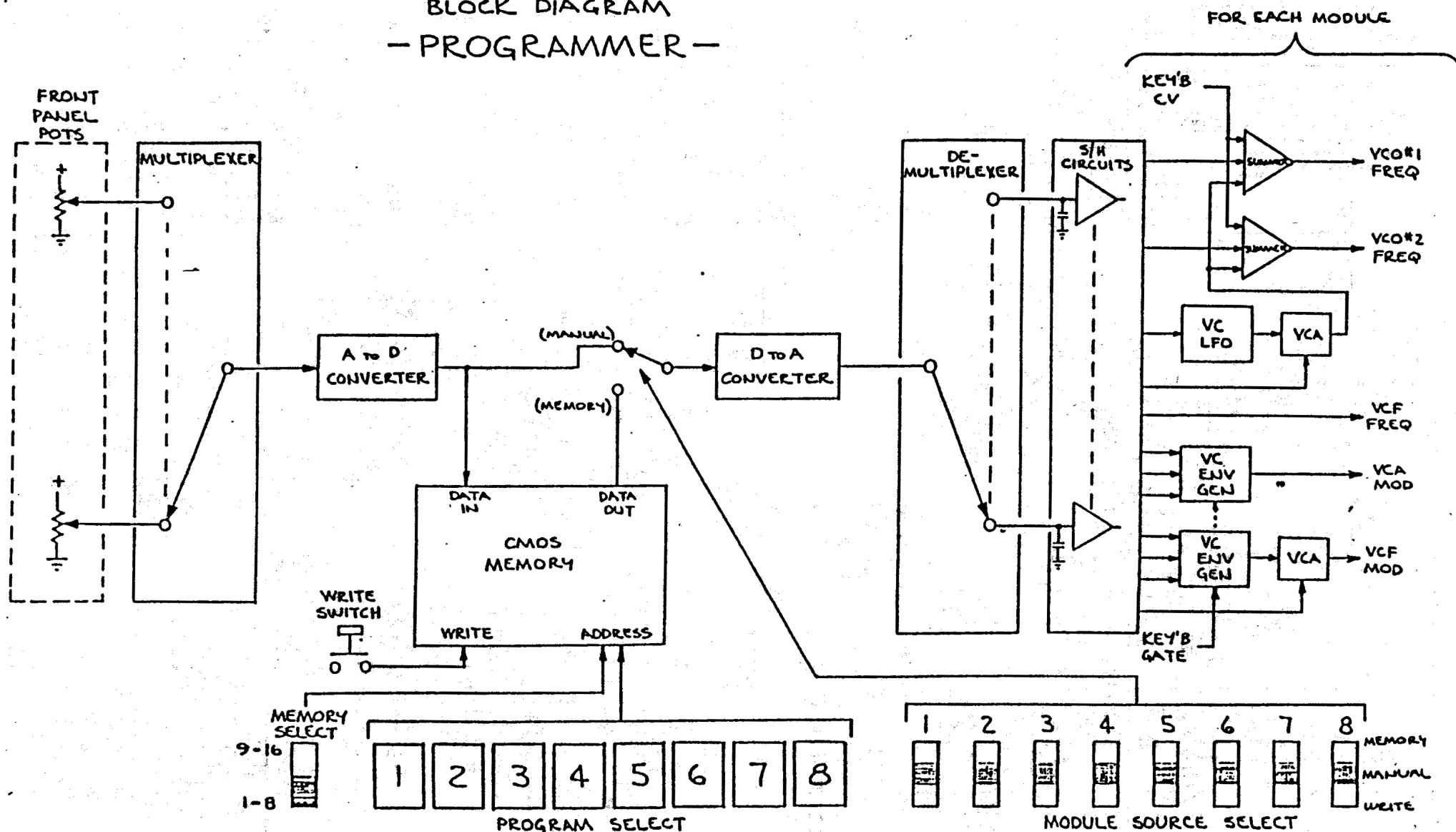
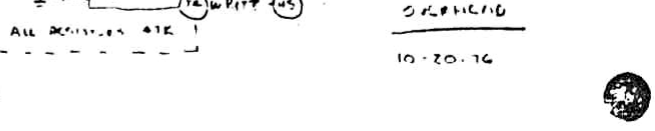
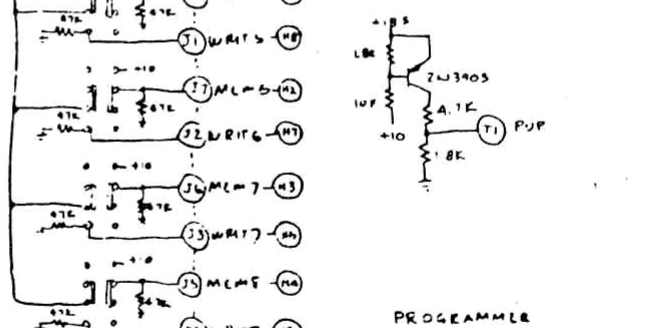
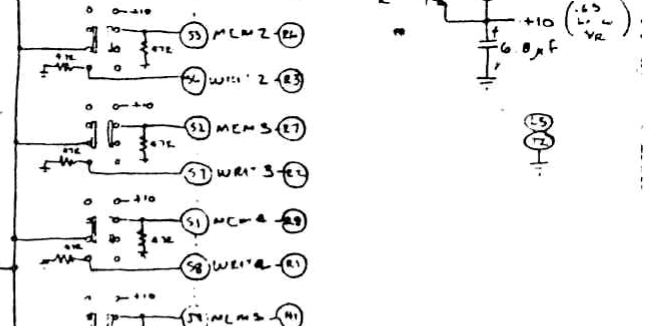
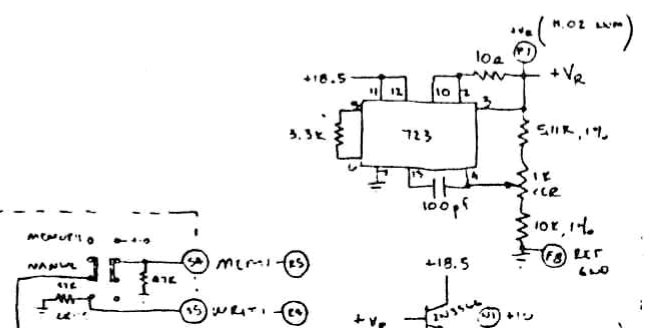
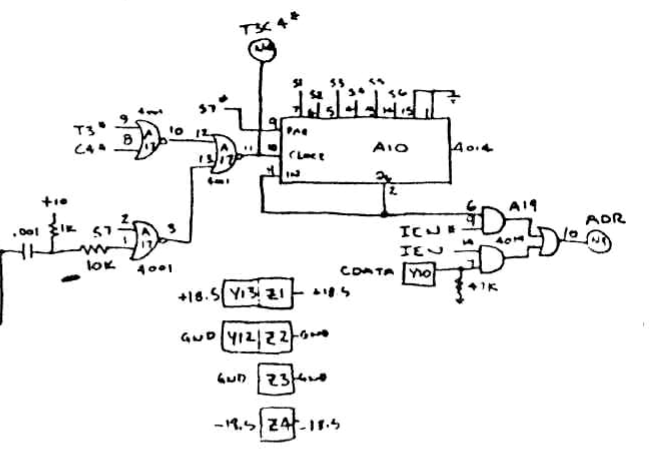
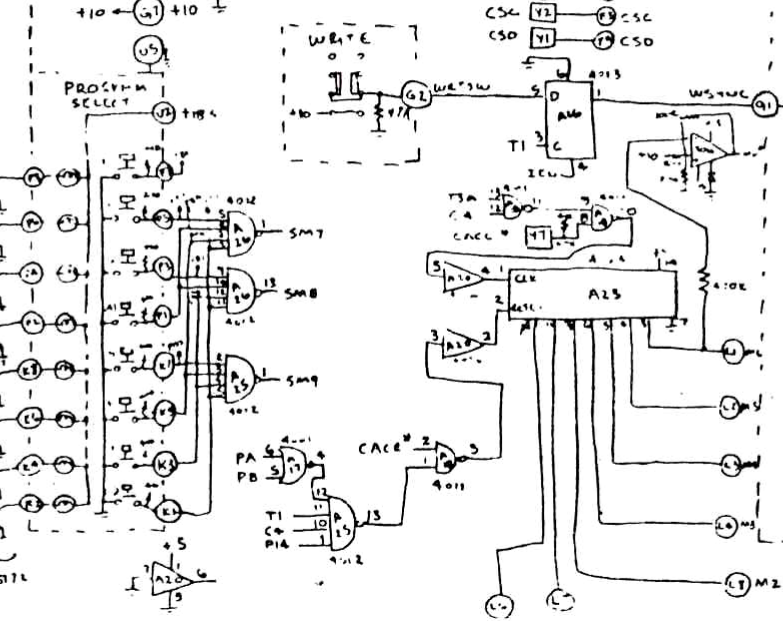
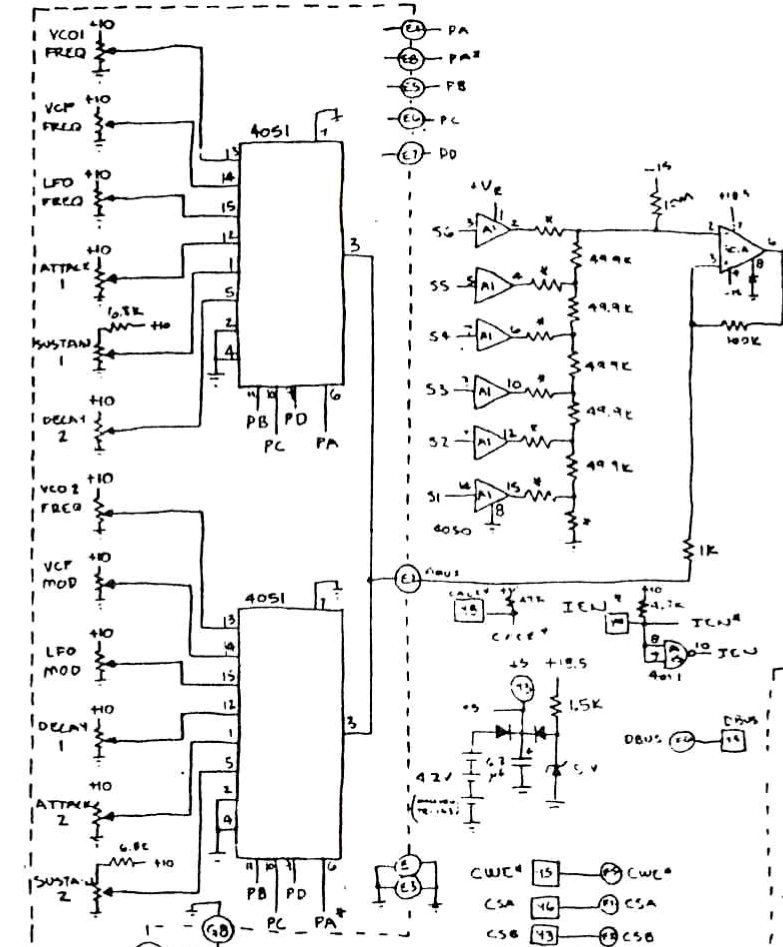
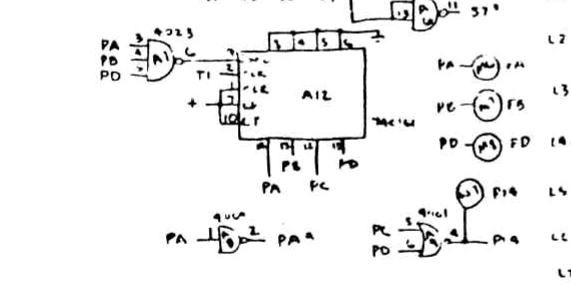
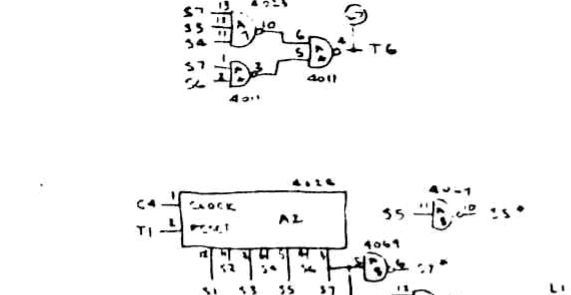
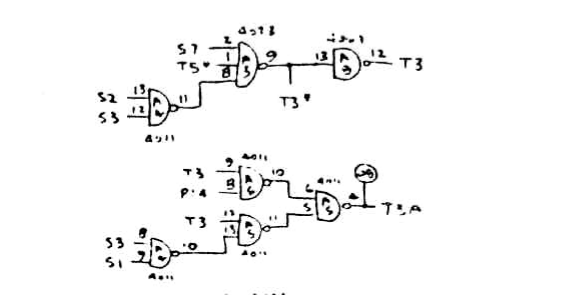
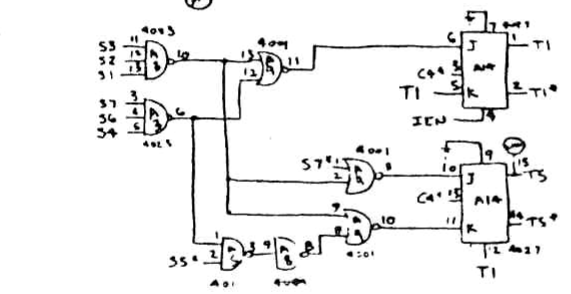
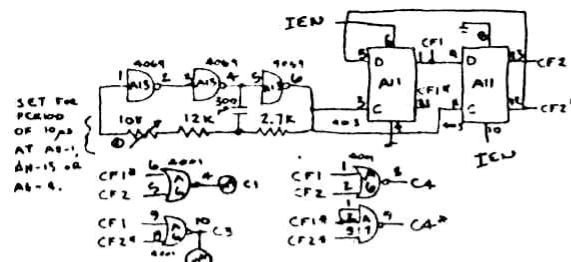
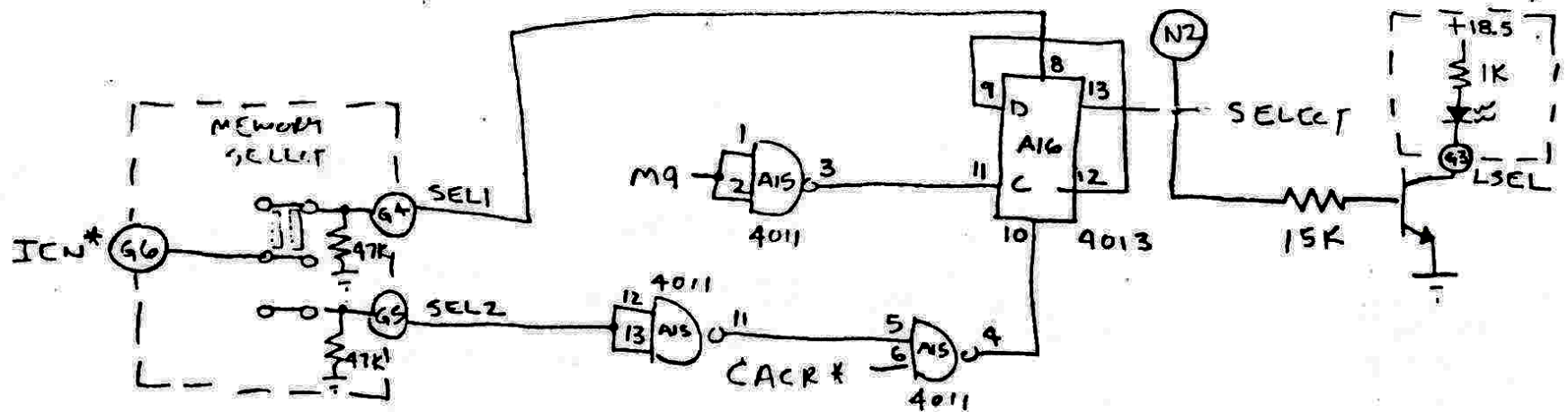
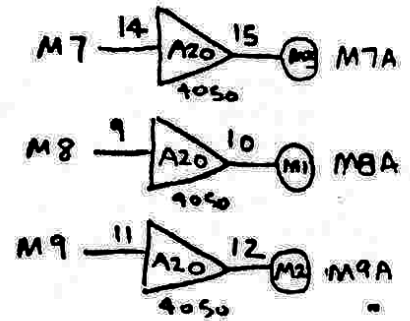
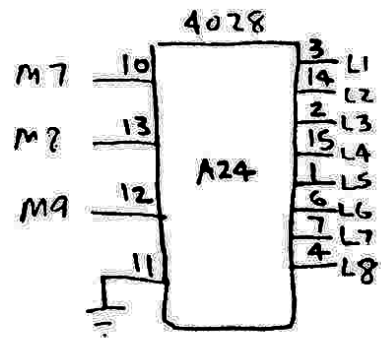
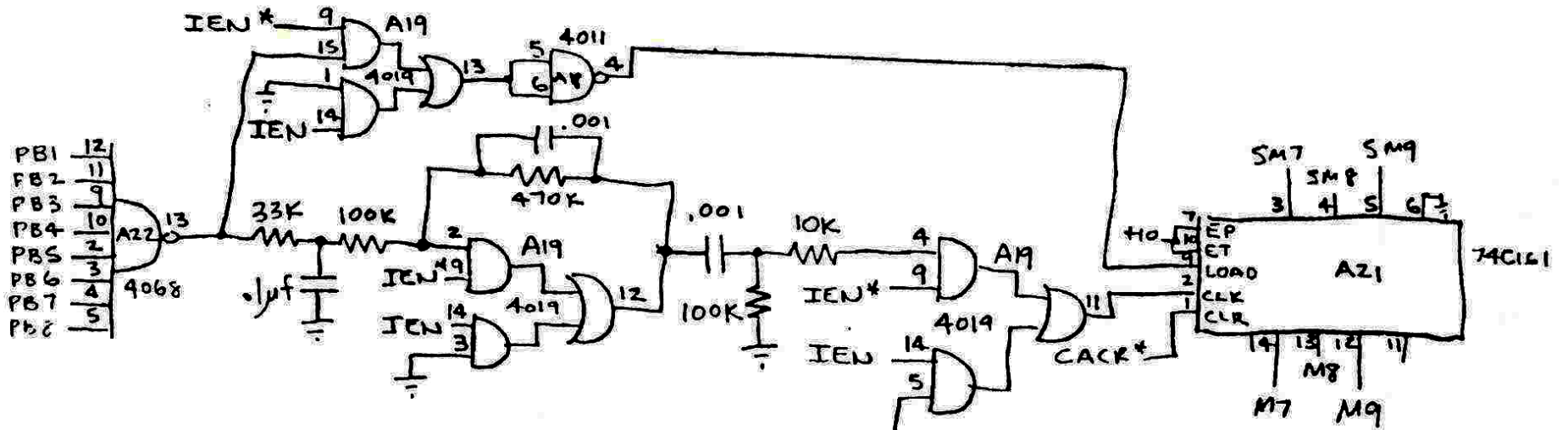


BLOCK DIAGRAM - PROGRAMMER -





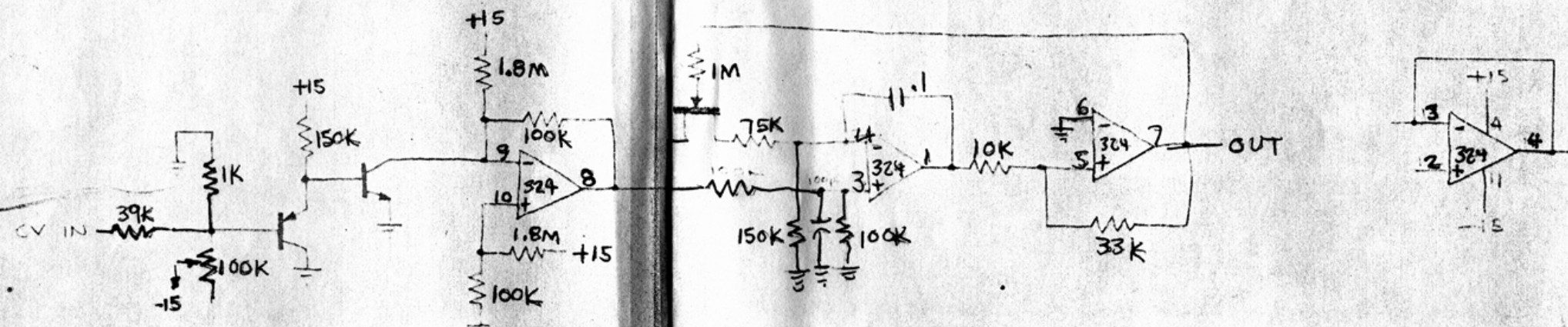
PROGRAMMER
SPECIALIST
10-20-76



10-20-76

PROGRAMMER OVERHEAD

PROGRAMMER LFO



FOR INFORMATION ONLY

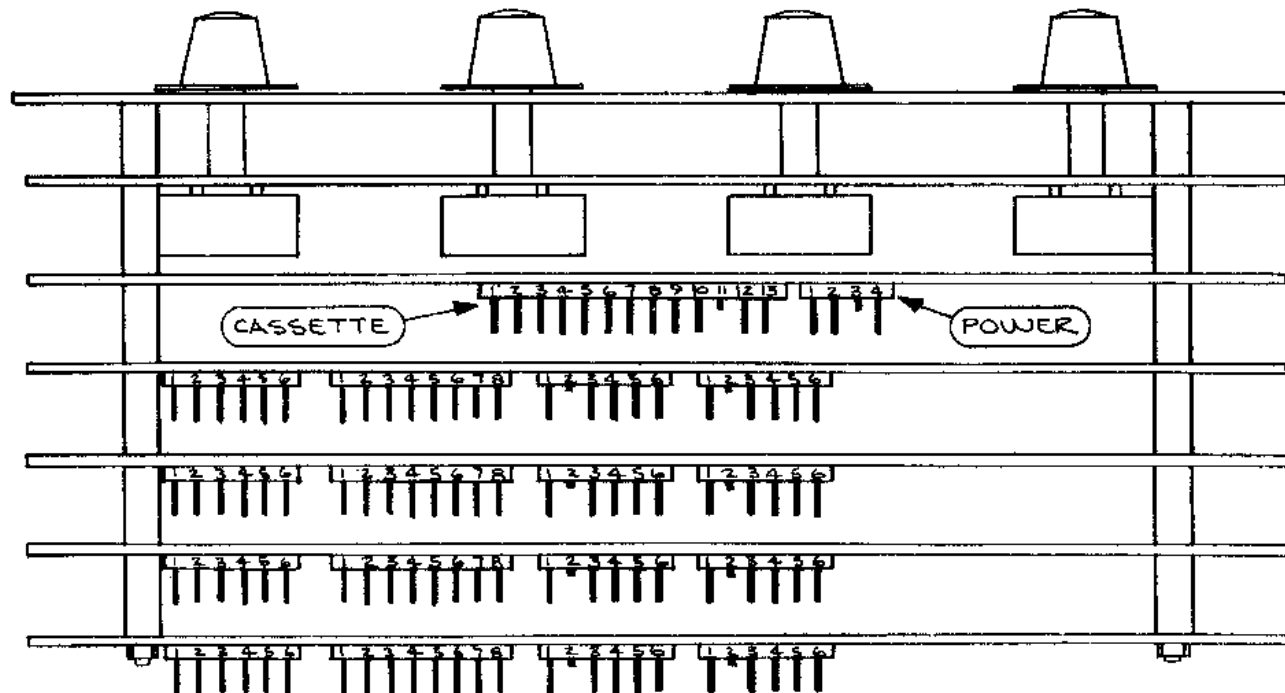
This document contains proprietary information which shall not be disclosed to others, or used for manufacturing or any other purpose without prior written permission of Oberheim Electronics, Inc. Service performed by any person other than factory authorized repair stations may void the warranty.

NOTES:

1. UNLESS SPECIFIED OTHERWISE
2. ALL RESISTORS ARE IN OHMS
3. ALL CAPACITORS IN P.F.
4. ALL NPN TRANSISTORS
5. ALL PNP TRANSISTORS
6. ALL DIODES
7. ALL FET'S - 2N4302

3902?
3905?
2N4302

TOP VIEW



FRONT PANEL

POT BOARD

OVERHEAD BOARD

CHANNEL BOARD #1 (CHANNELS 1 & 2)

CHANNEL BOARD #2 (CHANNELS 3 & 4)

CHANNEL BOARD #3 (CHANNELS 5 & 6)

CHANNEL BOARD #4 (CHANNELS 7 & 8)

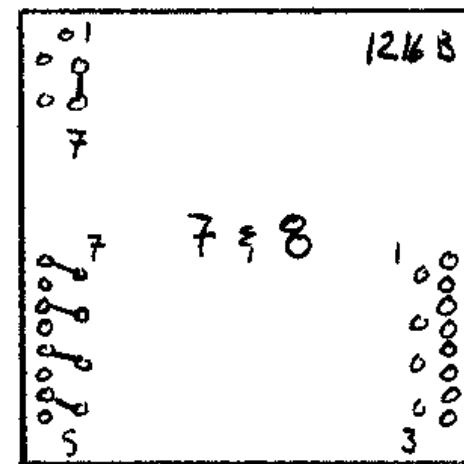
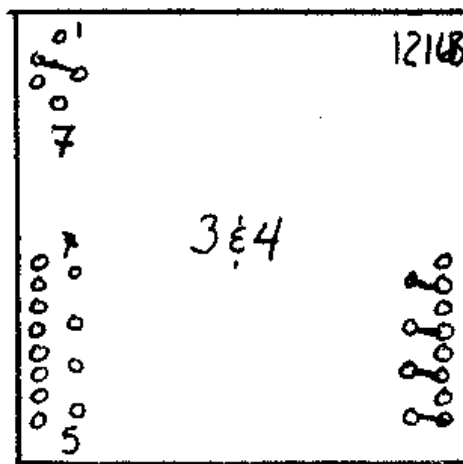
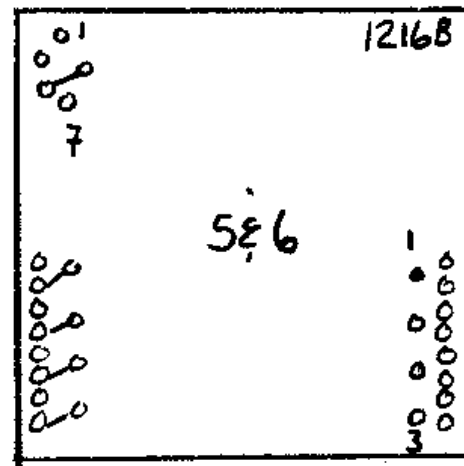
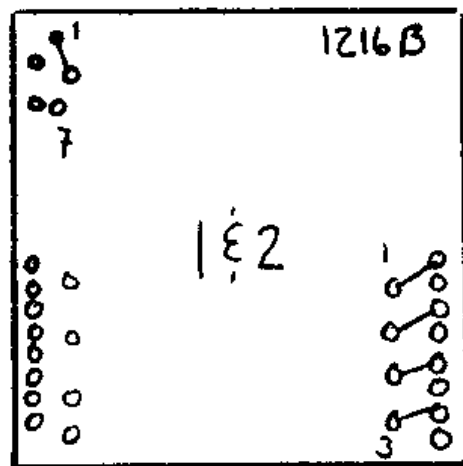
PIN	FUNCTION
1	+18.5 V
2	GND
3	KEY
4	-18.5 V

A CONNECTOR		D CONNECTOR		B CONNECTOR		C CONNECTOR	
PIN	FUNCTION	PIN	FUNCTION	PIN	FUNCTION	PIN	FUNCTION
1	KEY 'B' CV "A" (CH'S 1,3,5,7)	1	VCO 2 CV "B" (CH'S 2,4,6,8)	1	GATE "A" (CH'S 1,3,5,7)	1	GATE "B" (CH'S 2,4,6,8)
2	KEY 'B' CV "B" (CH'S 2,4,6,8)	2	VCO 2 CV "A" (CH'S 1,3,5,7)	2	KEY	2	KEY
3	GND	3	VCF ENV "B" (CH'S 2,4,6,8)	3	GND	3	GND
4	GND	4	VCF ENV "A" (CH'S 1,3,5,7)	4	NOT USED	4	NOT USED
5	KEY 'B' GATE "B" (CH'S 2,4,6,8)	5	VCF CV "B" (CH'S 2,4,6,8)	5	NOT USED	5	NOT USED
6	KEY 'B' GATE "A" (CH'S 1,3,5,7)	6	VCF CV "A" (CH'S 1,3,5,7)	6	VCO 1 CV "A" (CH'S 1,3,5,7)	6	VCO 1 CV "B" (CH'S 2,4,6,8)
		7	VCA ENV "B" (CH'S 2,4,6,8)				
		8	VCA ENV "A" (CH'S 1,3,5,7)				

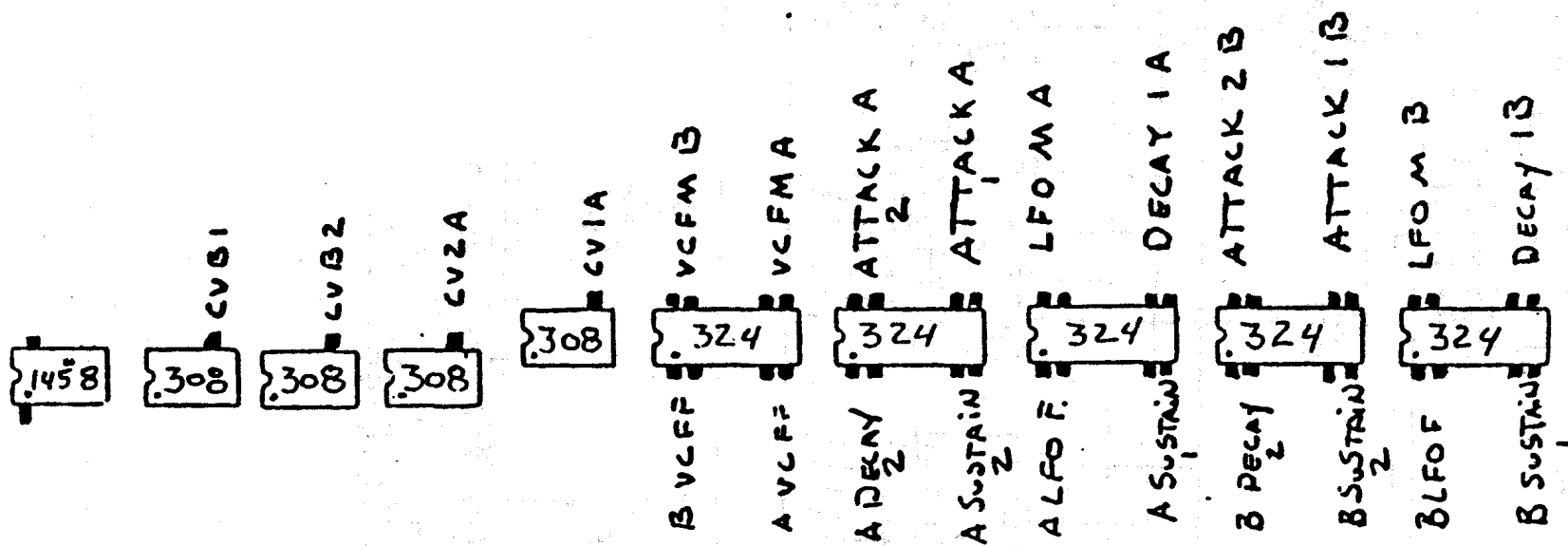
OBERHEIM ELECTRONICS, INC

PROGRAMMER
INPUT-OUTPUT CONNECTOR
PLACEMENTS

DEC. 15, 1976



CHANNEL T.S.
 JUMPERING
 PSP-1
 6-5-78 1216B



PSP SiH 12163
 Pin OUT
 6-5-78 T.S.