

JX-3P (PG-200)

SERVICE NOTES

First Edition

SPECIFICATIONS

JX-3P

Keyboard:

61 keys, 5 octaves, C scale

Power consumption:

20 W

Dimensions:

912(W) x 325(D) x 115(H)mm

37-7/8(W) x 12-13/16(D) x 4-1/2(H)in.

Weight:

9.8 kg, 21 lb. 9 oz.

PG-200

Dimensions:

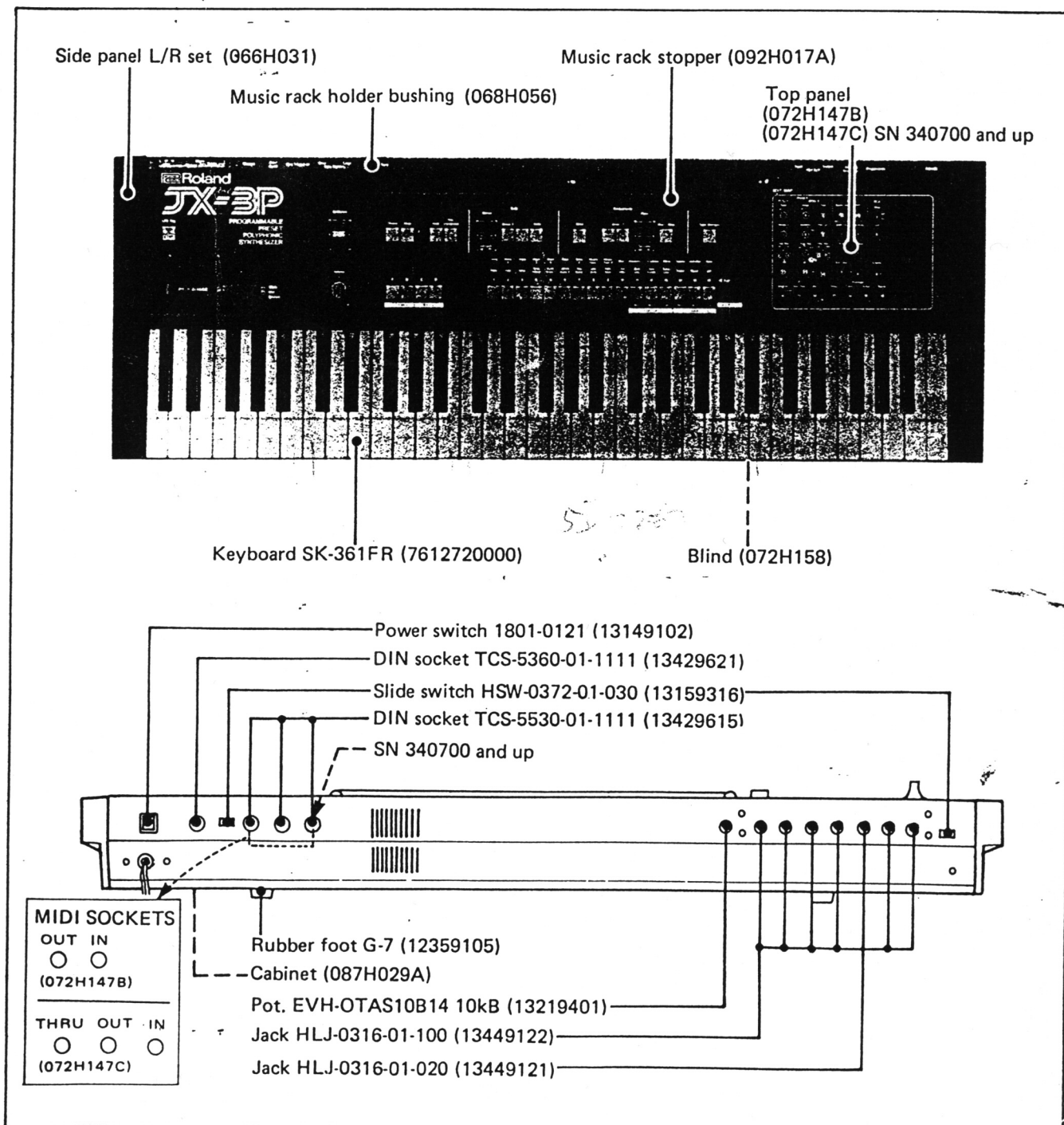
244(W) x 172(D) x 1-3/4(H)mm.

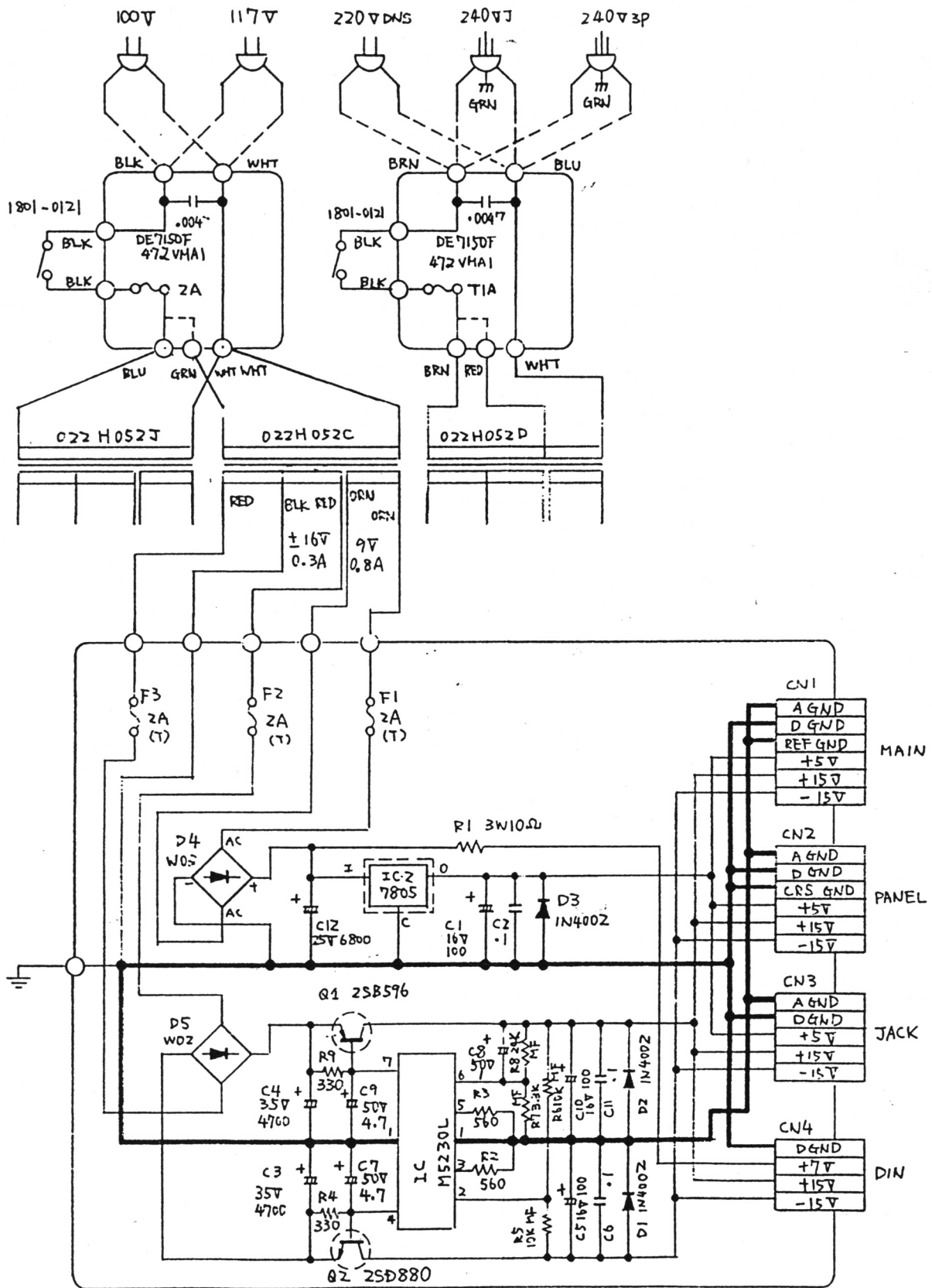
9-5/8(W) x 6-3/4(D) x 1-3/4(H)in.

Weight:

1.4 kg, 3 lb. 9 oz.

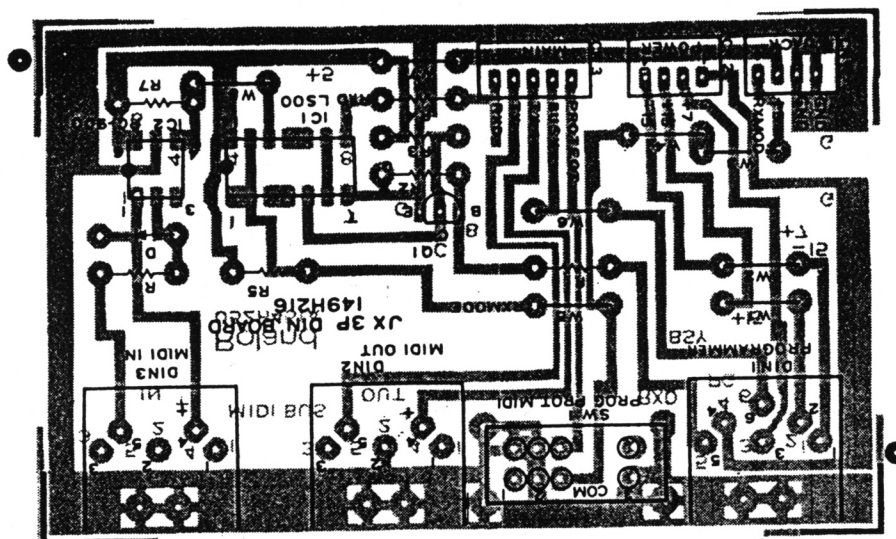
JX-3P



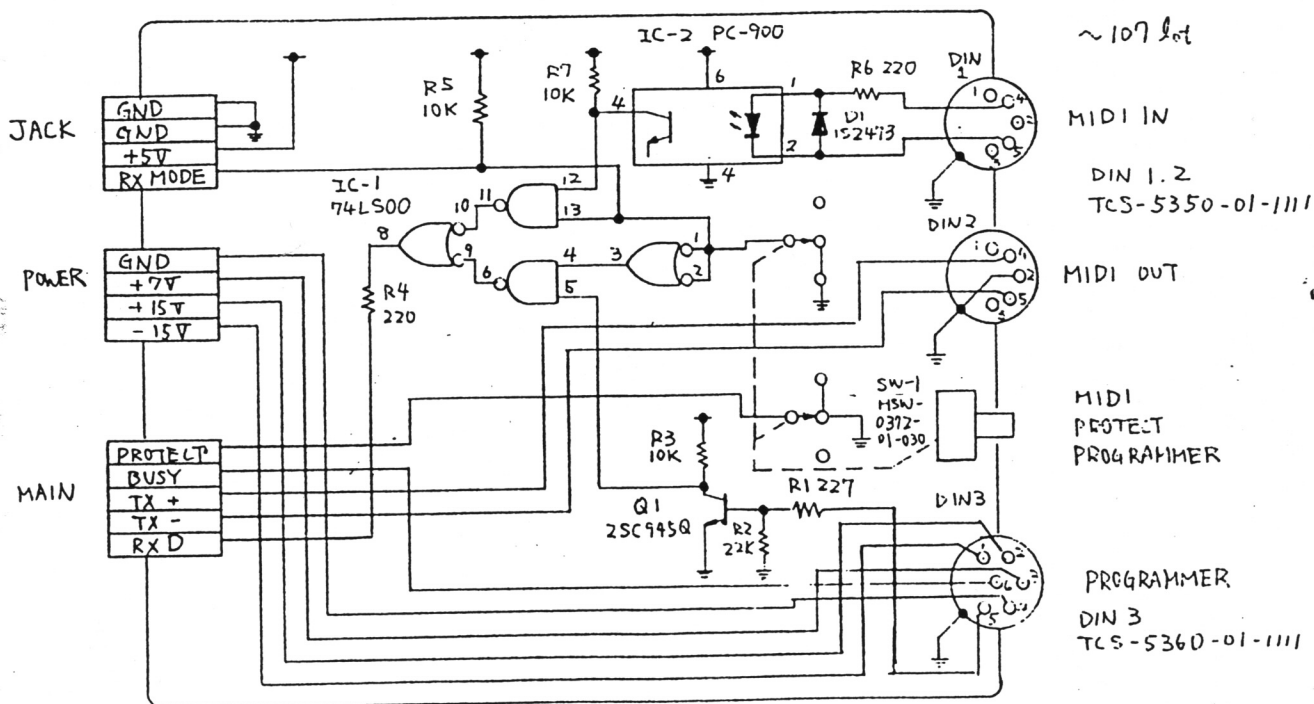


DIN BOARD (149H216) (pcb 052H451A)

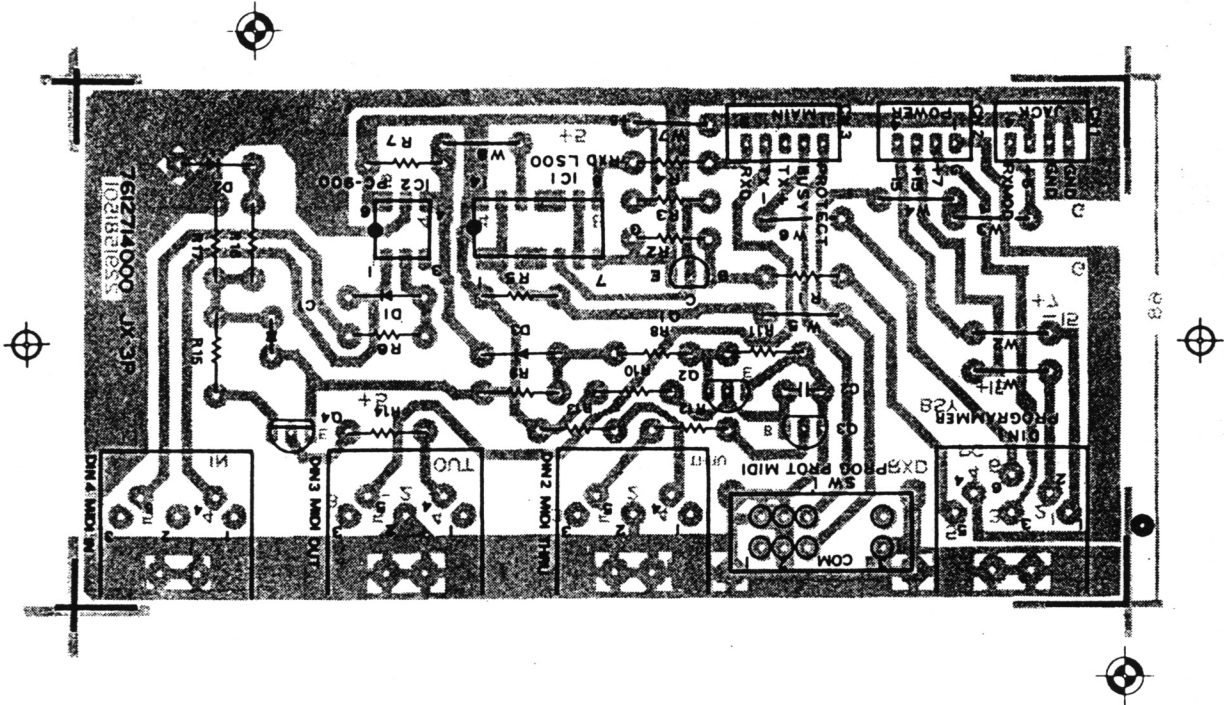
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z



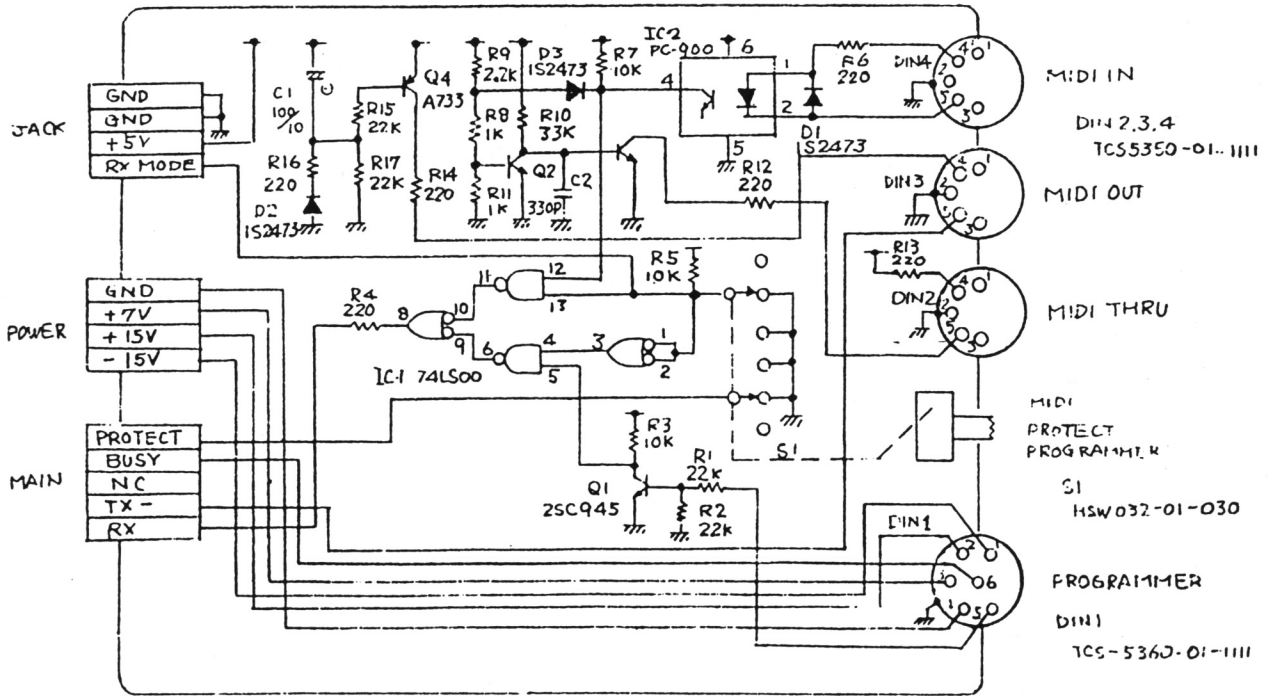
Although both PCBs are compatible, substituting new PCB to o

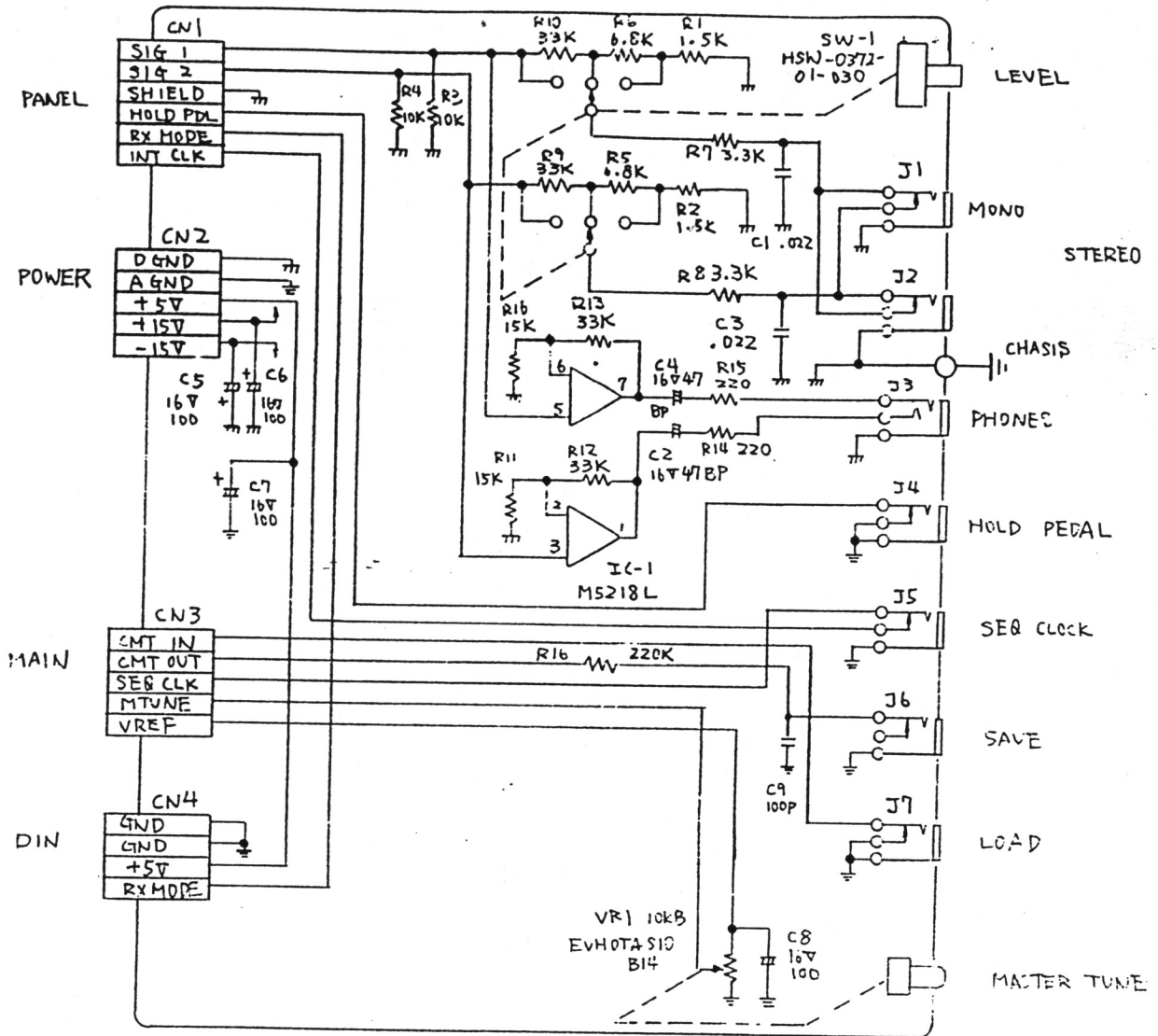


SN 340700 and up
DIN BOARD 7612714000 (pcb 2291581501)

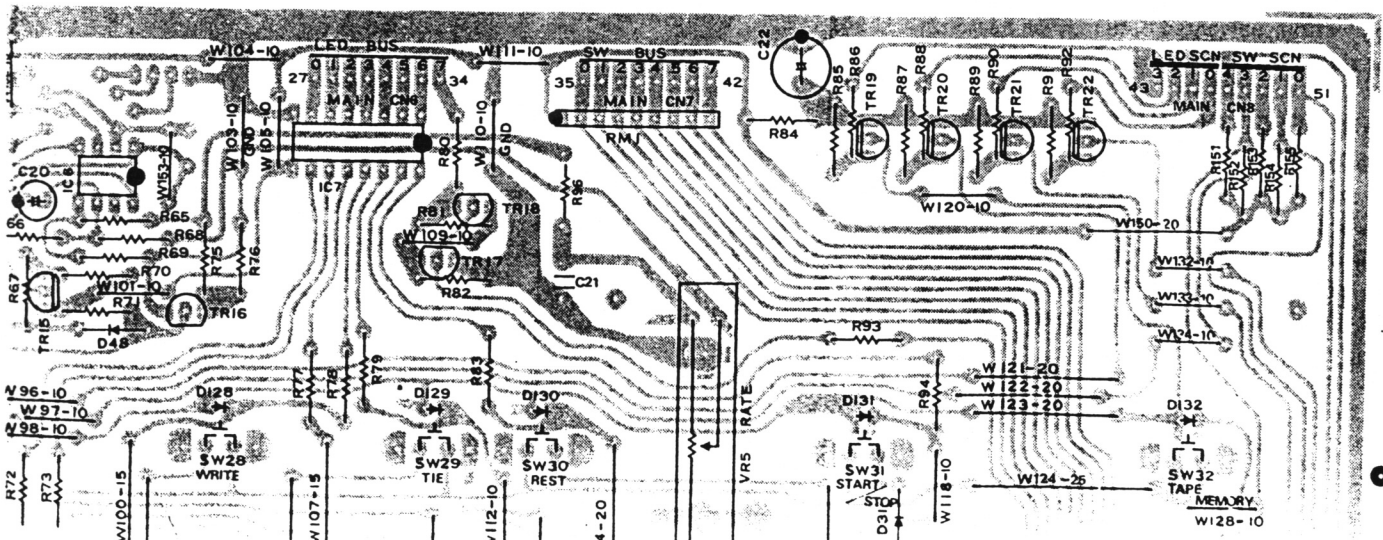


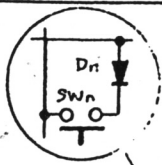
o old one needs Top panel replacement.





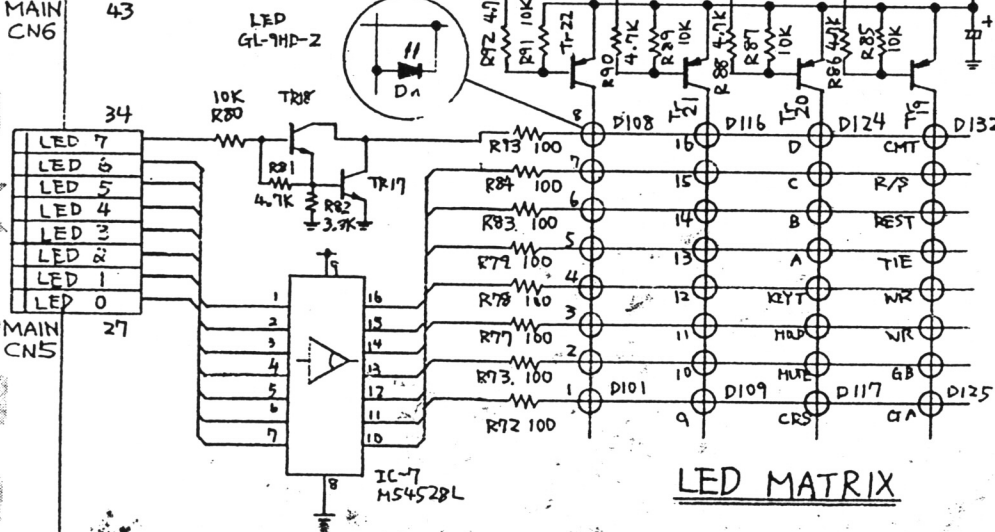
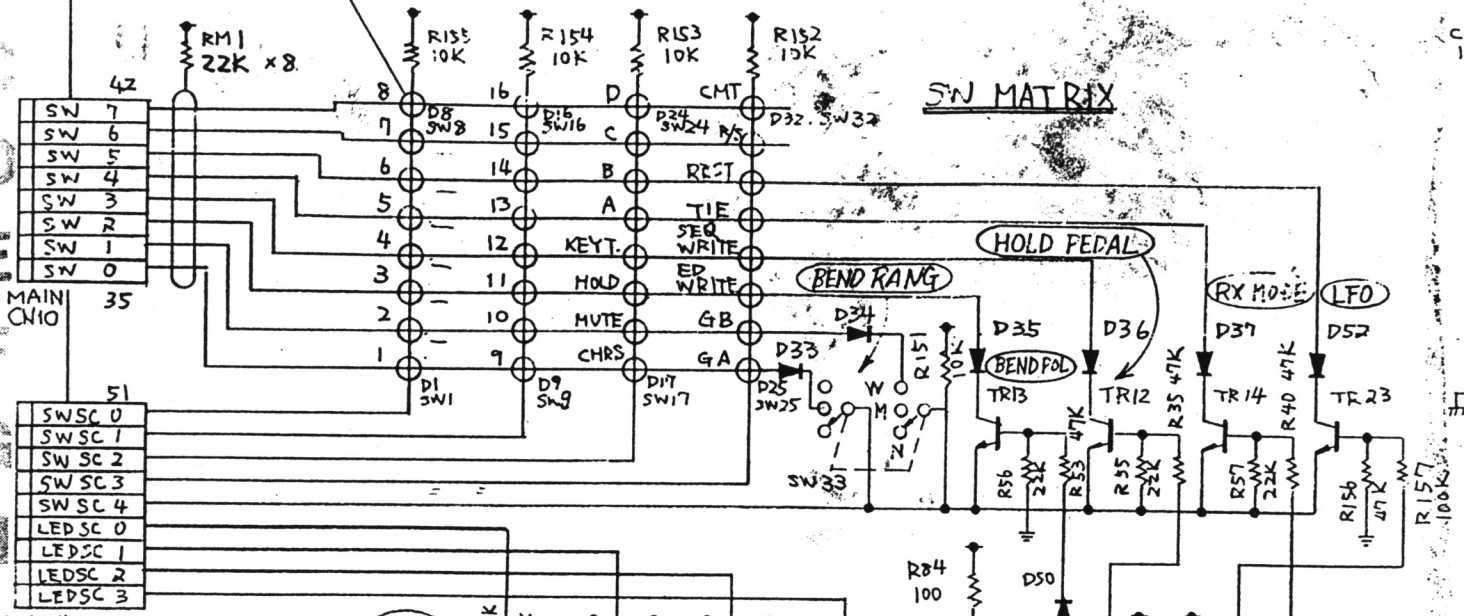
MONO JACK
 HLJ-0316-C1-100
 STEREO JACK
 HLJ-0314-01-020



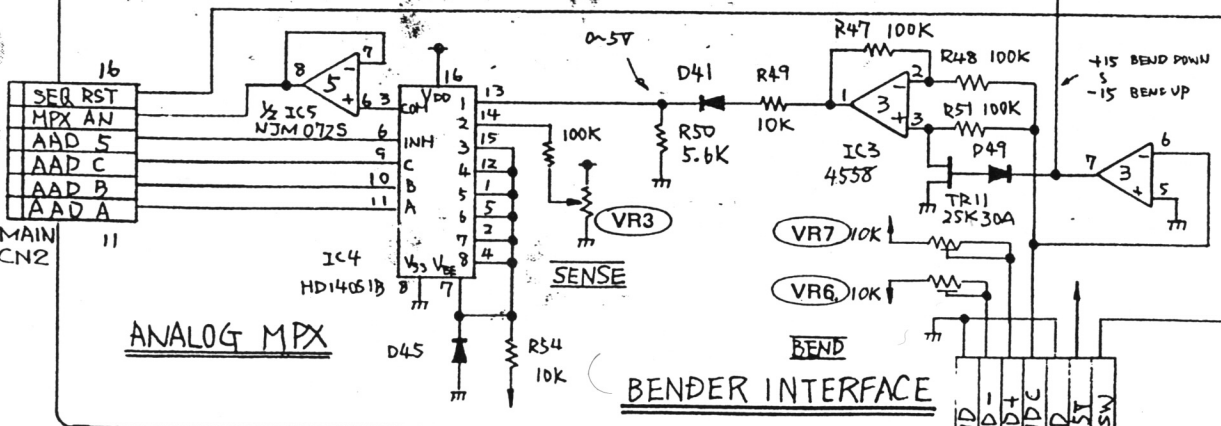


PUSH SW SP009F

SW MATRIX



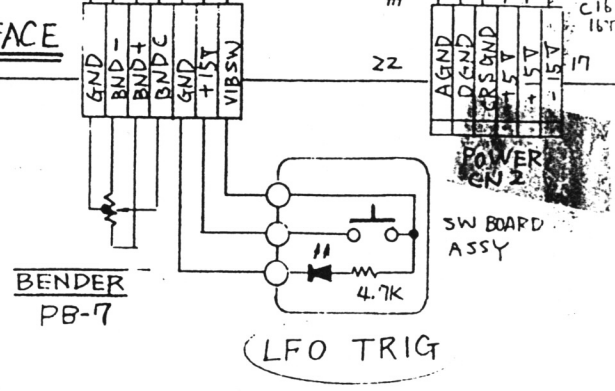
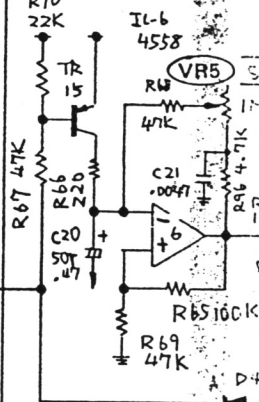
LED MATRIX



ANALOG MPX

BENDER INTERFACE

SEQ CLOCK

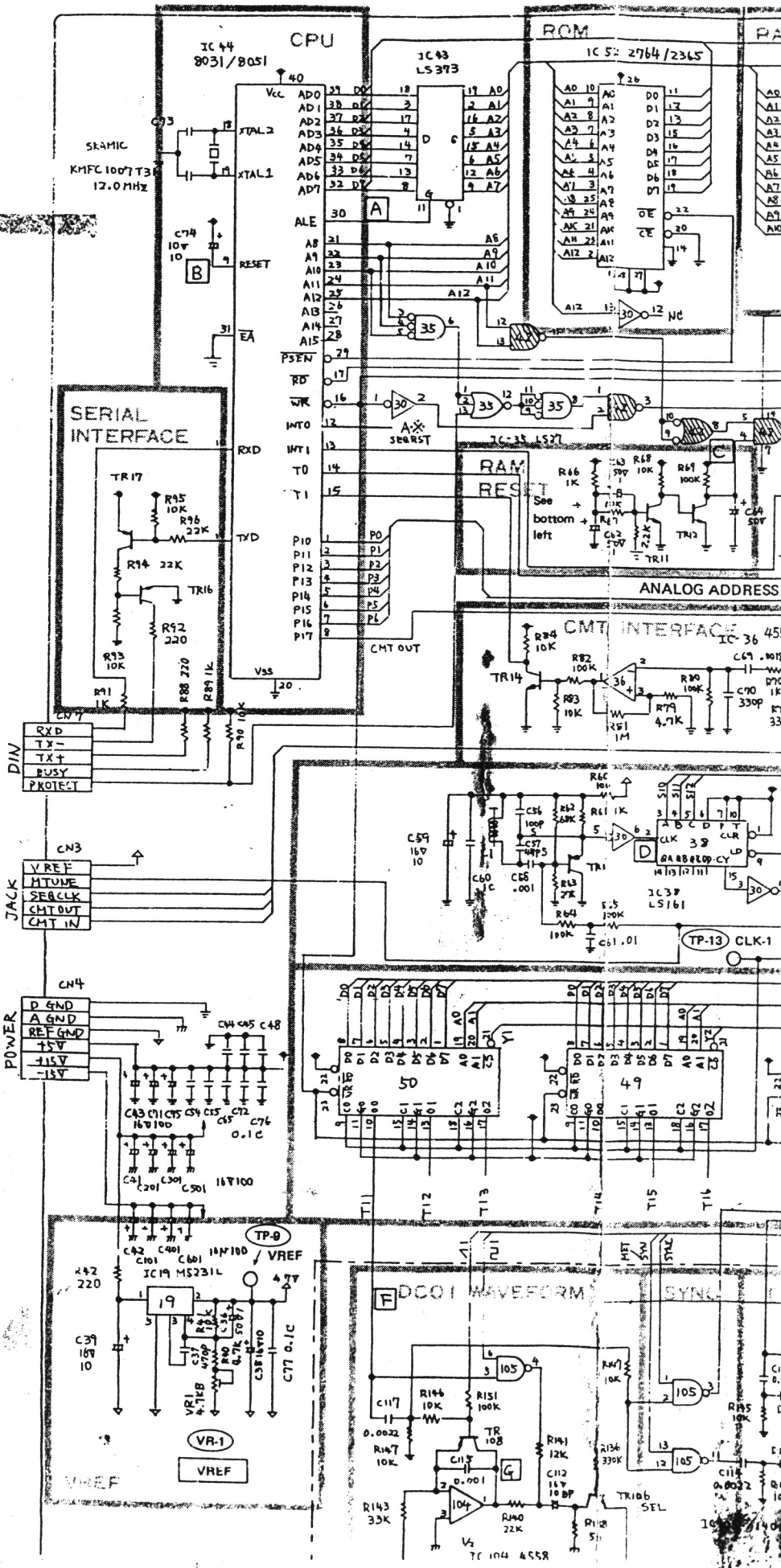
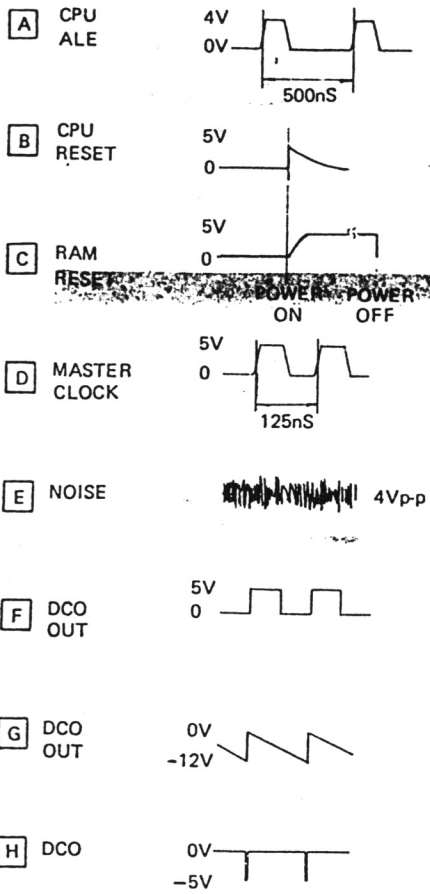


BENDER PB-7

LFO TRIG

SW BOARD ASSY

MAIN BOARD



CHANGES ON IC52

ROM
From EPROM (2764) to MASK ROM (2365) Compatible.

Debugged Program

To cure the problem described below, use the EPROM or MASK ROM of versions A-4 and up for early products, as necessary.

Refer to Test Mode in ADJUSTMENT section for identification of existing ROM version.

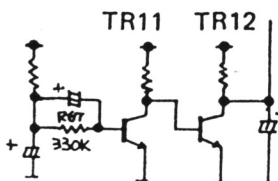
When the JX-3P is used as a master in MIDI connection, unwanted note may be heard on the slave having more than six voices.

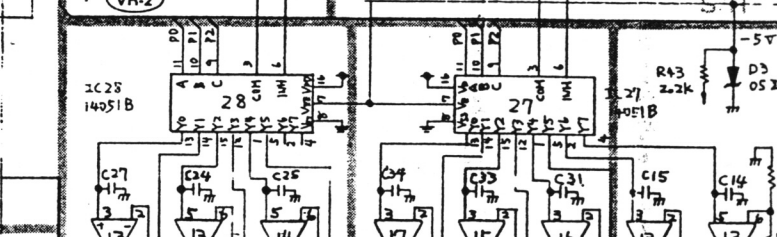
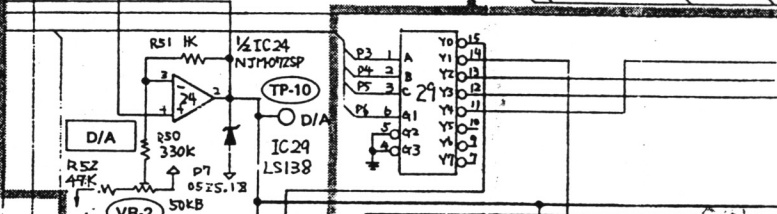
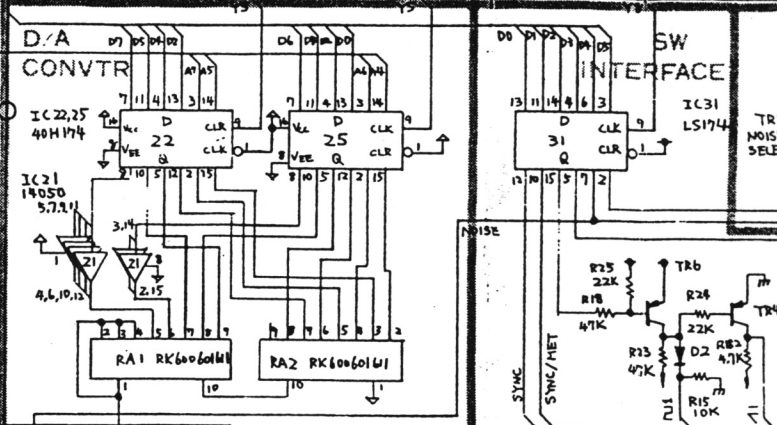
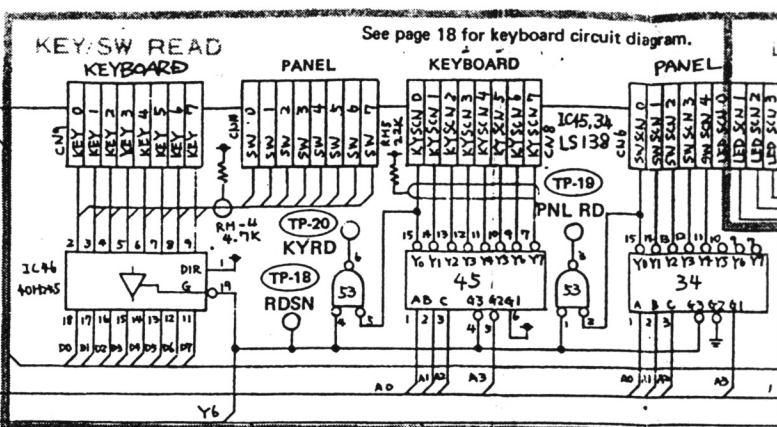
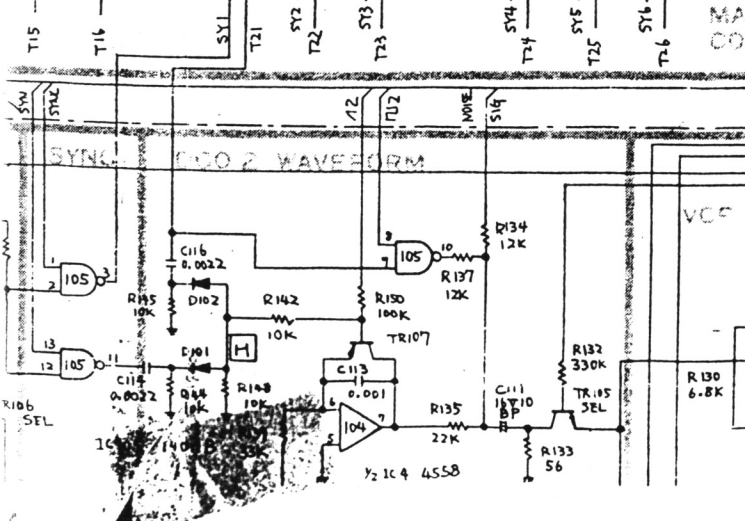
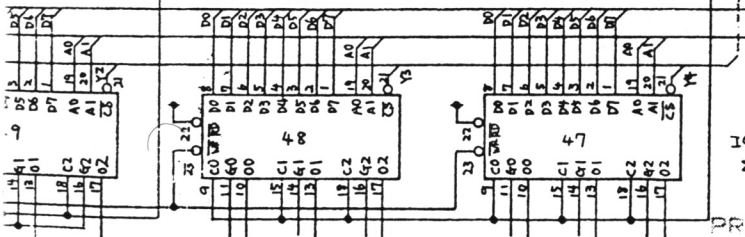
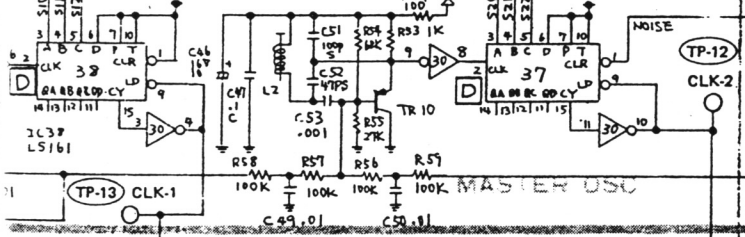
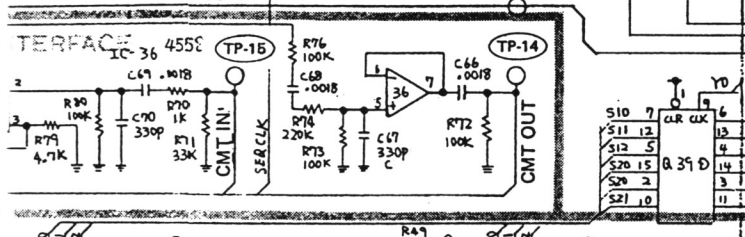
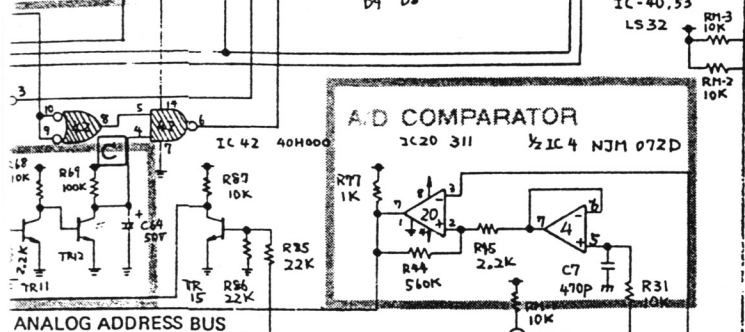
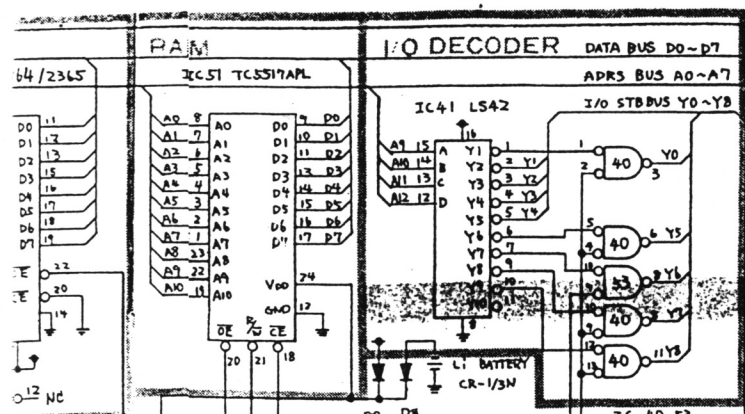
RAM RESET CIRCUIT CHANGE

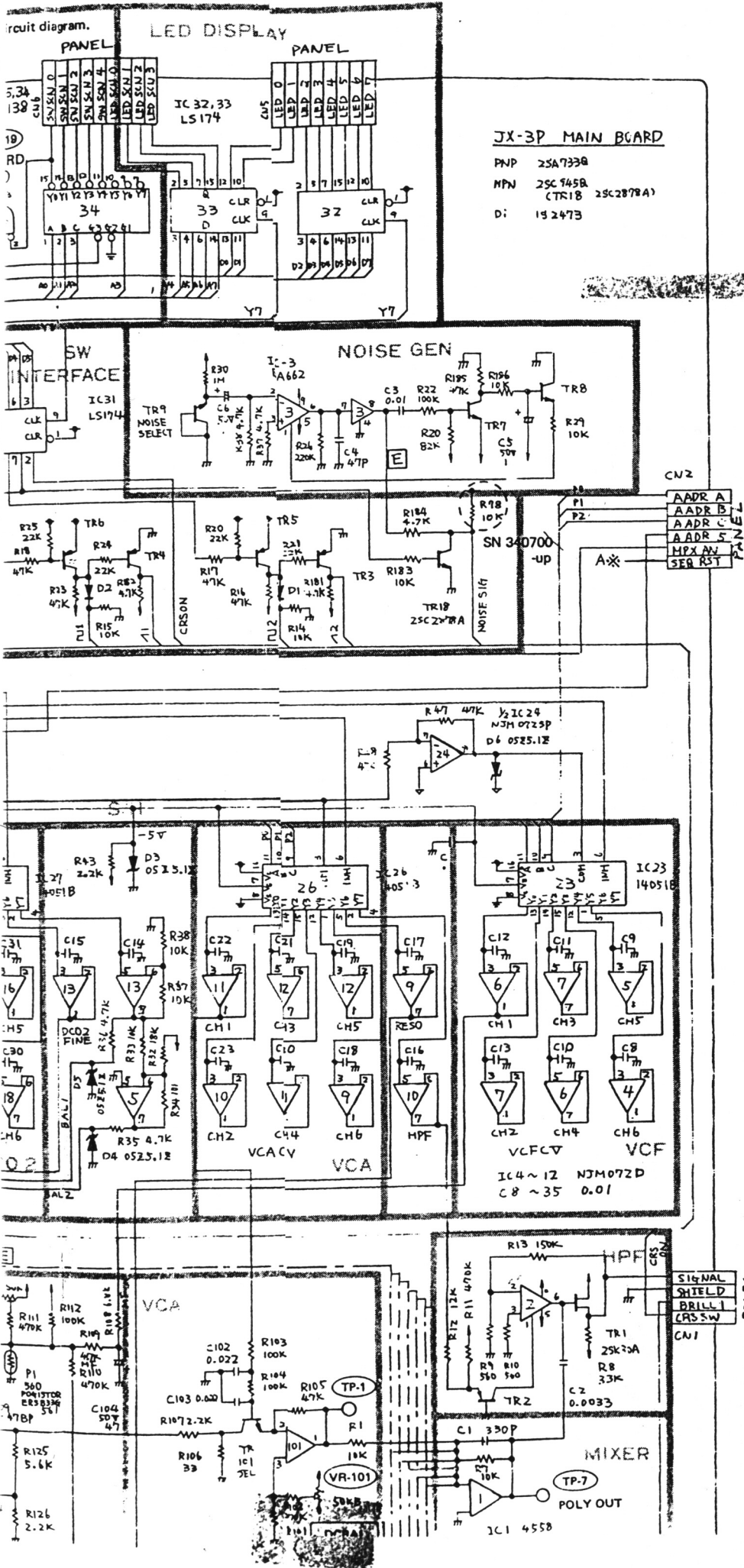
Reason

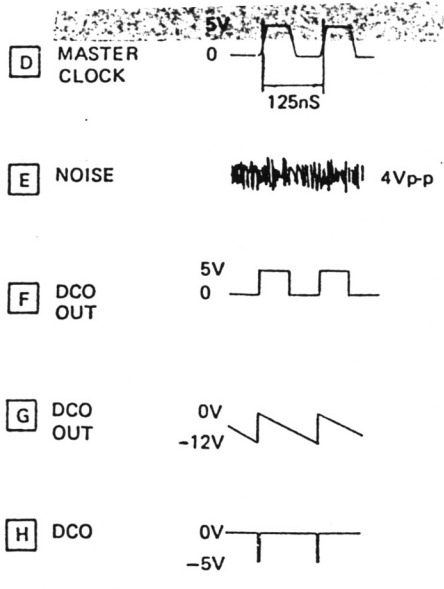
To make the JX-3P invulnerable against power line transients.

This minor reconnection is effective to cure the problem, "program overrun" when the JX-3P is operating from a greatly fluctuating power line.









CHANGES ON IC52

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From EPROM (2764) to MASK ROM (2365) Compatible.
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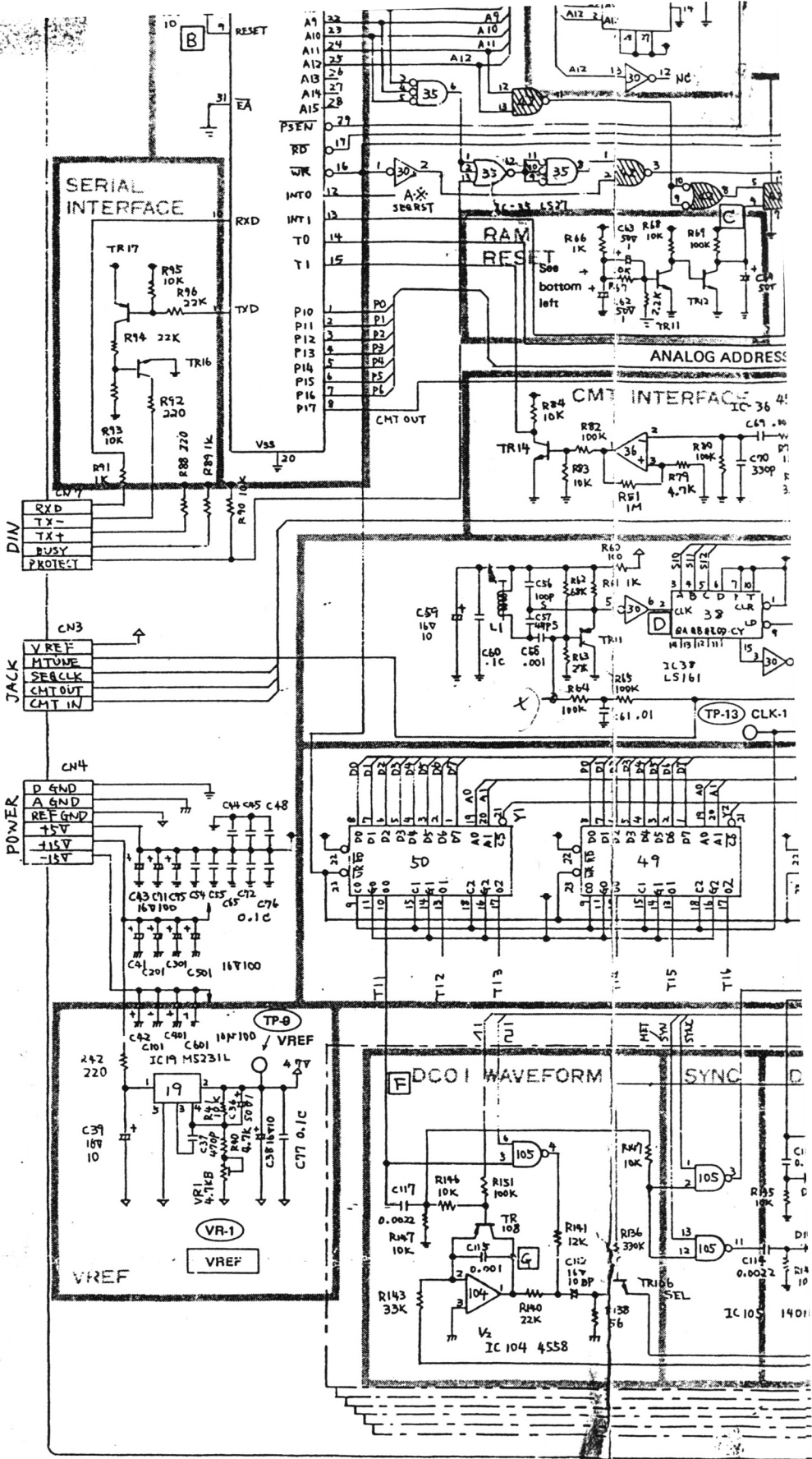
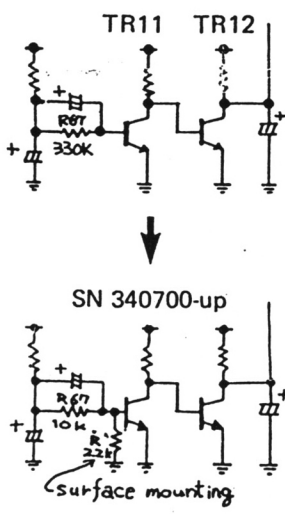
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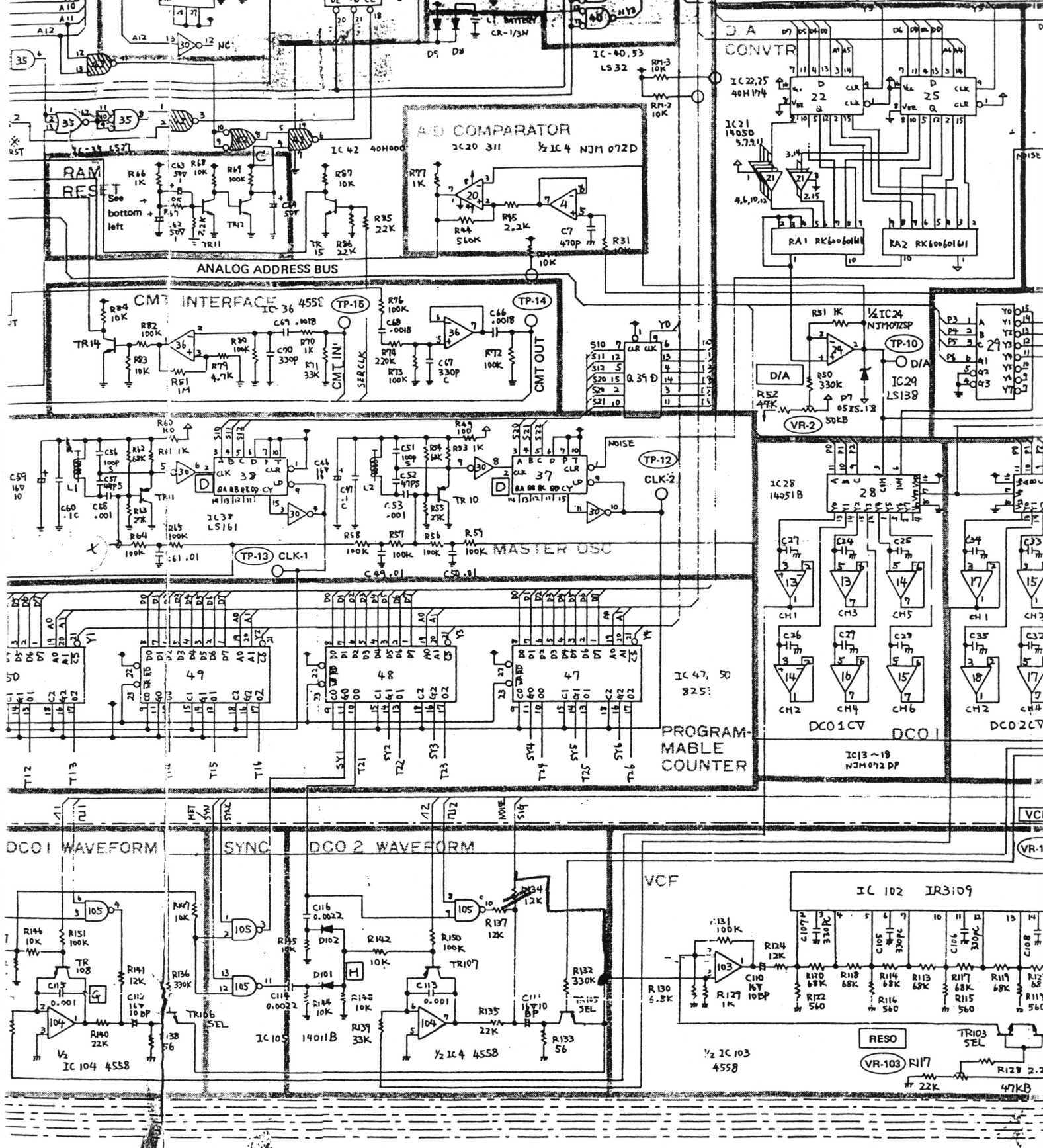


IC.CHANGES

IC procure problems force the factory to emply equivalent on Main board:
IC4-IC18 - from single inline to dual inline with affected PCB foil patterns relaid out.

Single inline	Dual inline	Remark
NJM072S	NJM072D	As produced
NJM072SP	NJM072DP	Selected, low offset

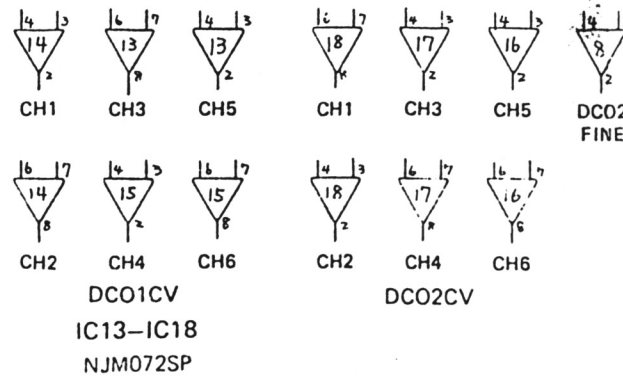
NOTE:
Low offset ICs can replace non ones, single, dual, respectively. Other brands or makes can be mo the factory. In ordering ICs not m above, fill the order sheet with IC full name and mark (color), if any, considered useful to identify the IC.

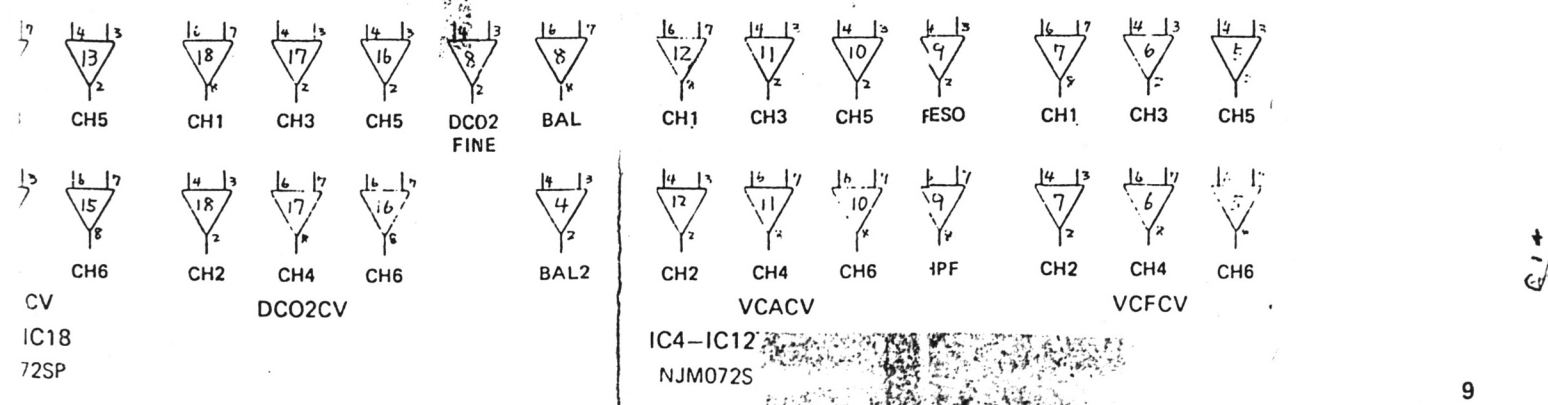
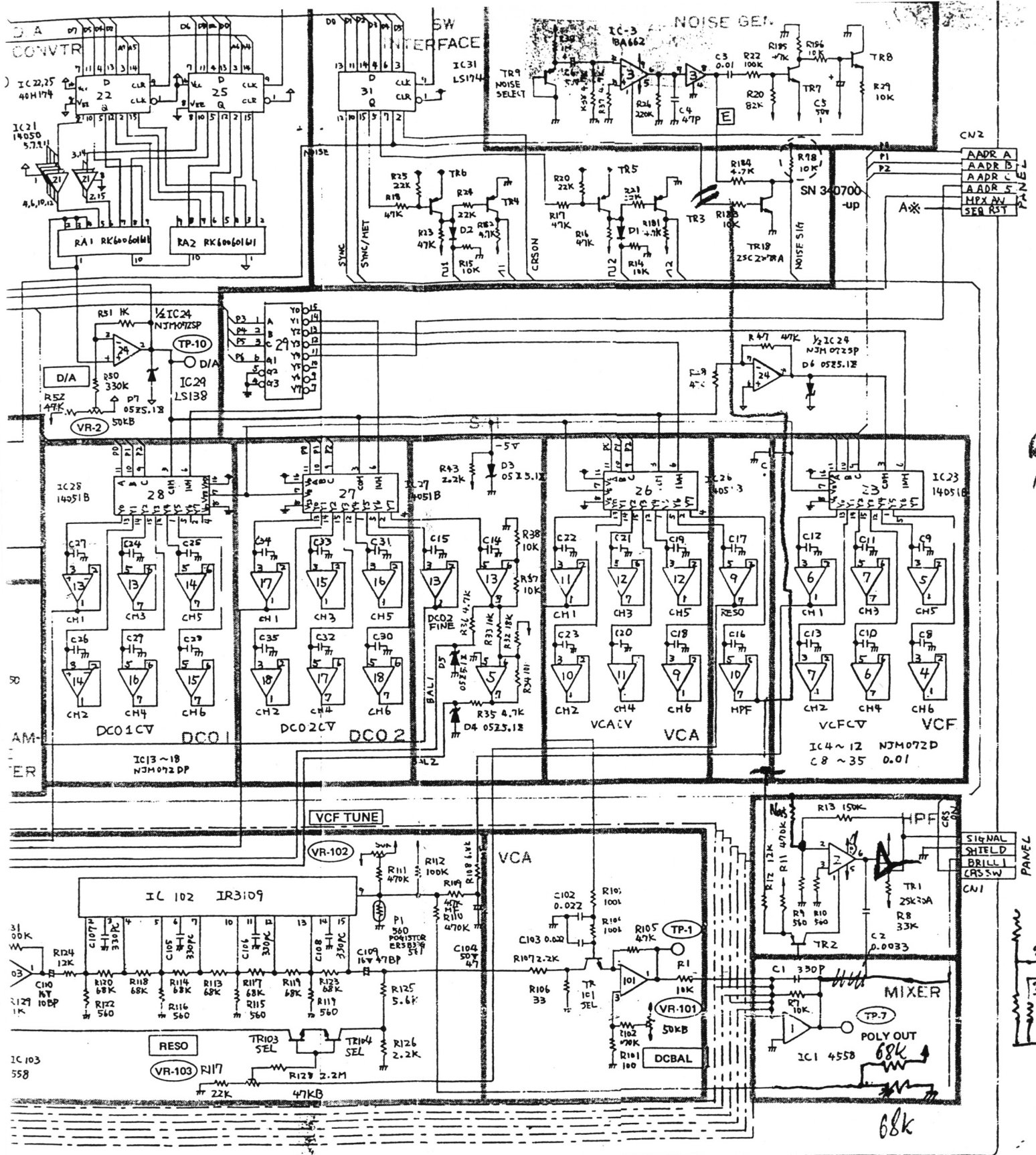


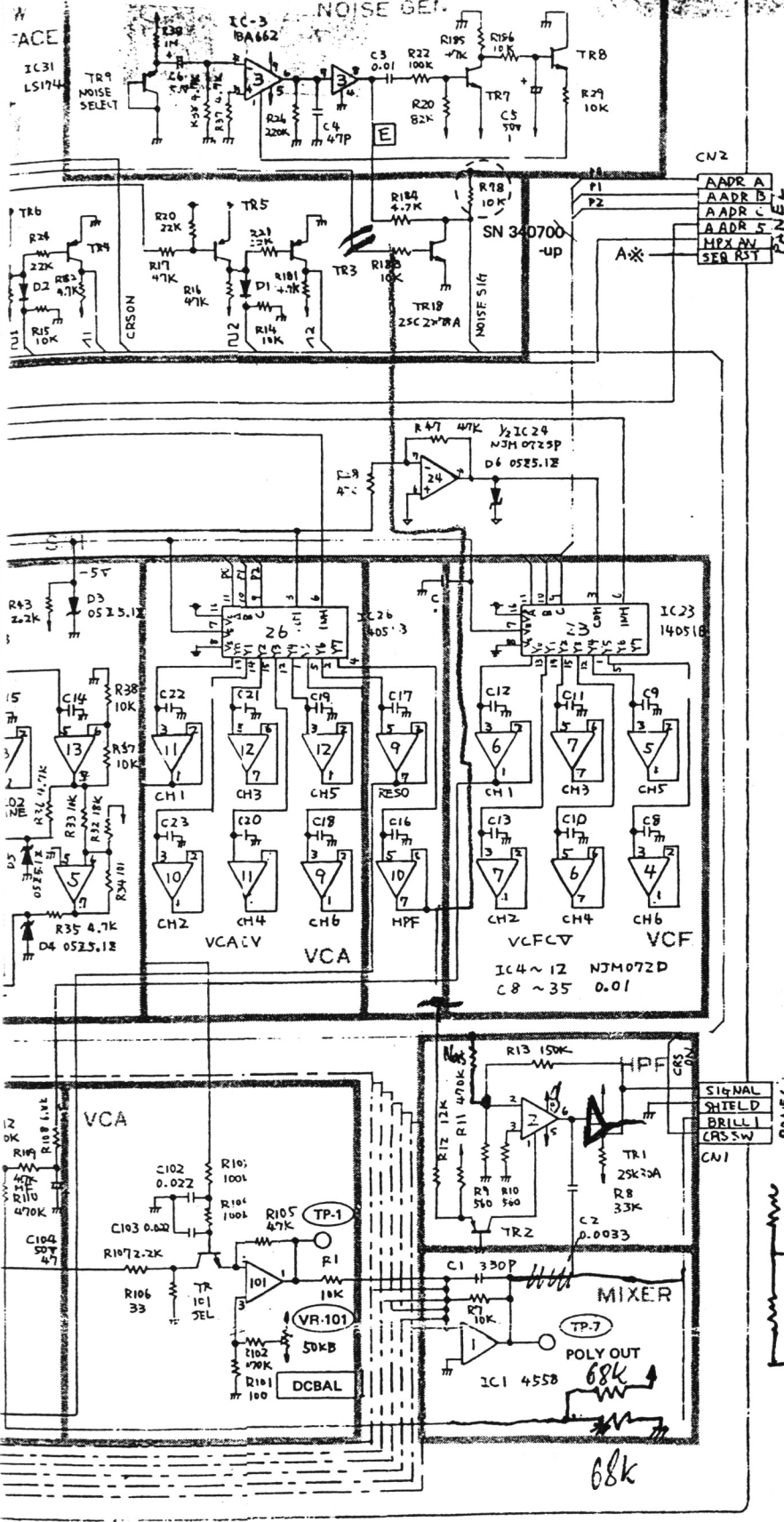
to
ine
set

NOTE:
Low offset ICs can replace non-selected ones, single, dual, respectively.
Other brands or makes can be mounted at the factory. In ordering ICs not mentioned above, fill the order sheet with IC number, full name and mark (color), if any, whatever is considered useful to identify the IC.

RIGHT
Single inline
ICs Arrangement





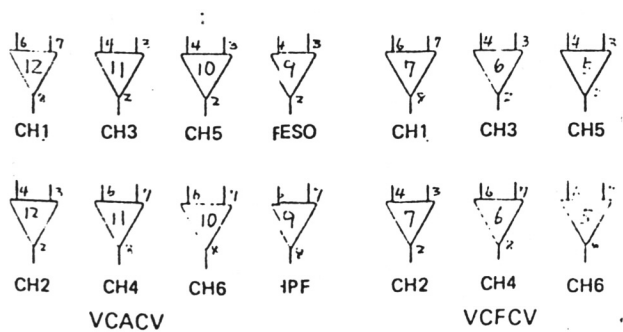
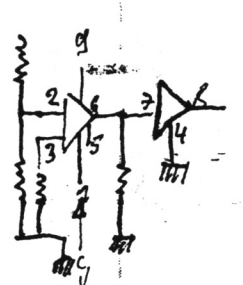


1075C

1

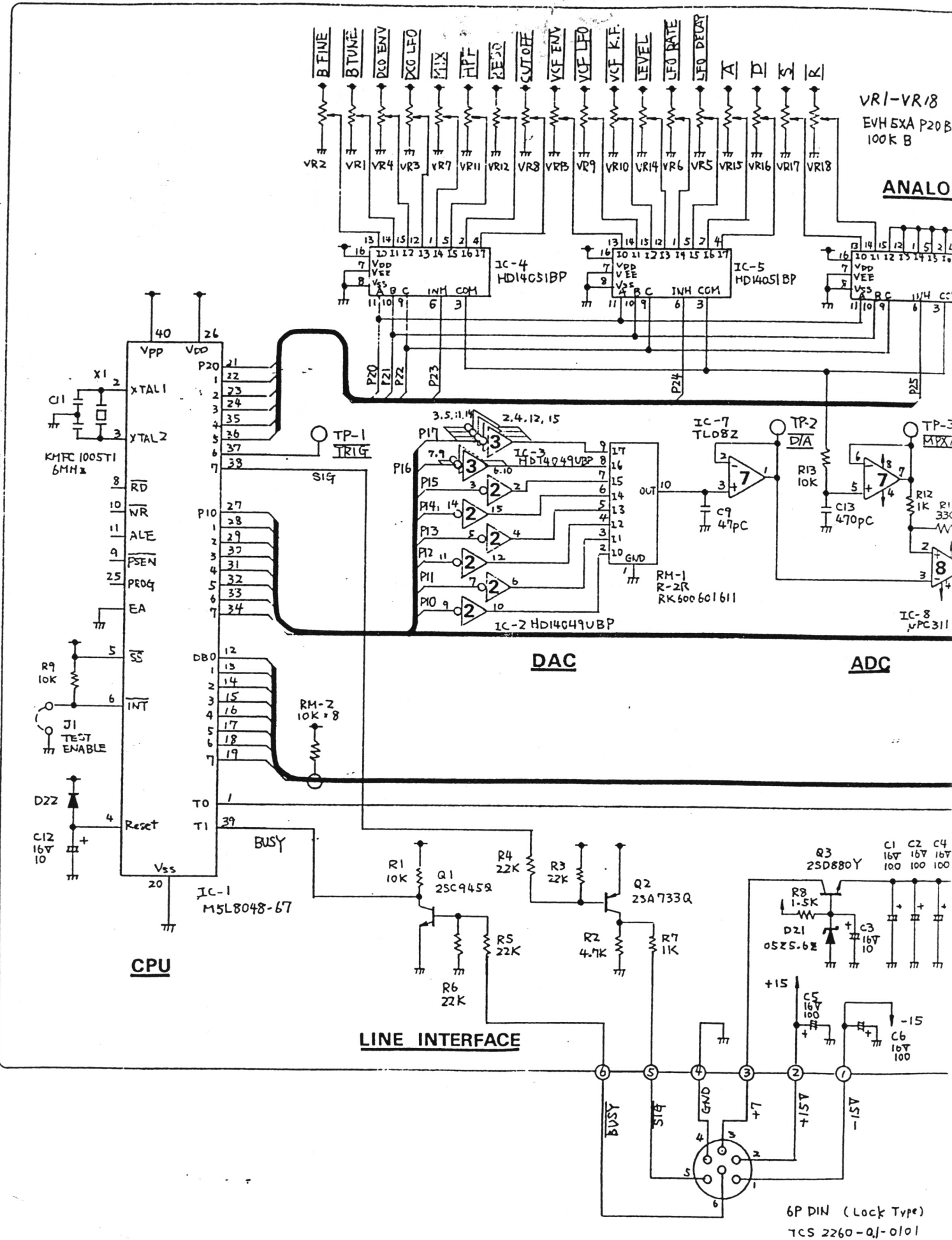
R 134 ~~ist~~ auf trennen von Noise Sig schließt am R137

Noise Pin 3 von IC103 HPF CV am 5 Pin 7 von IC 10 am R183 links



IC4-IC12 NJM072S

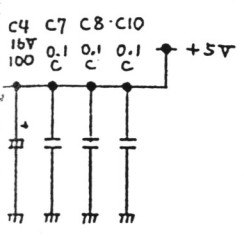
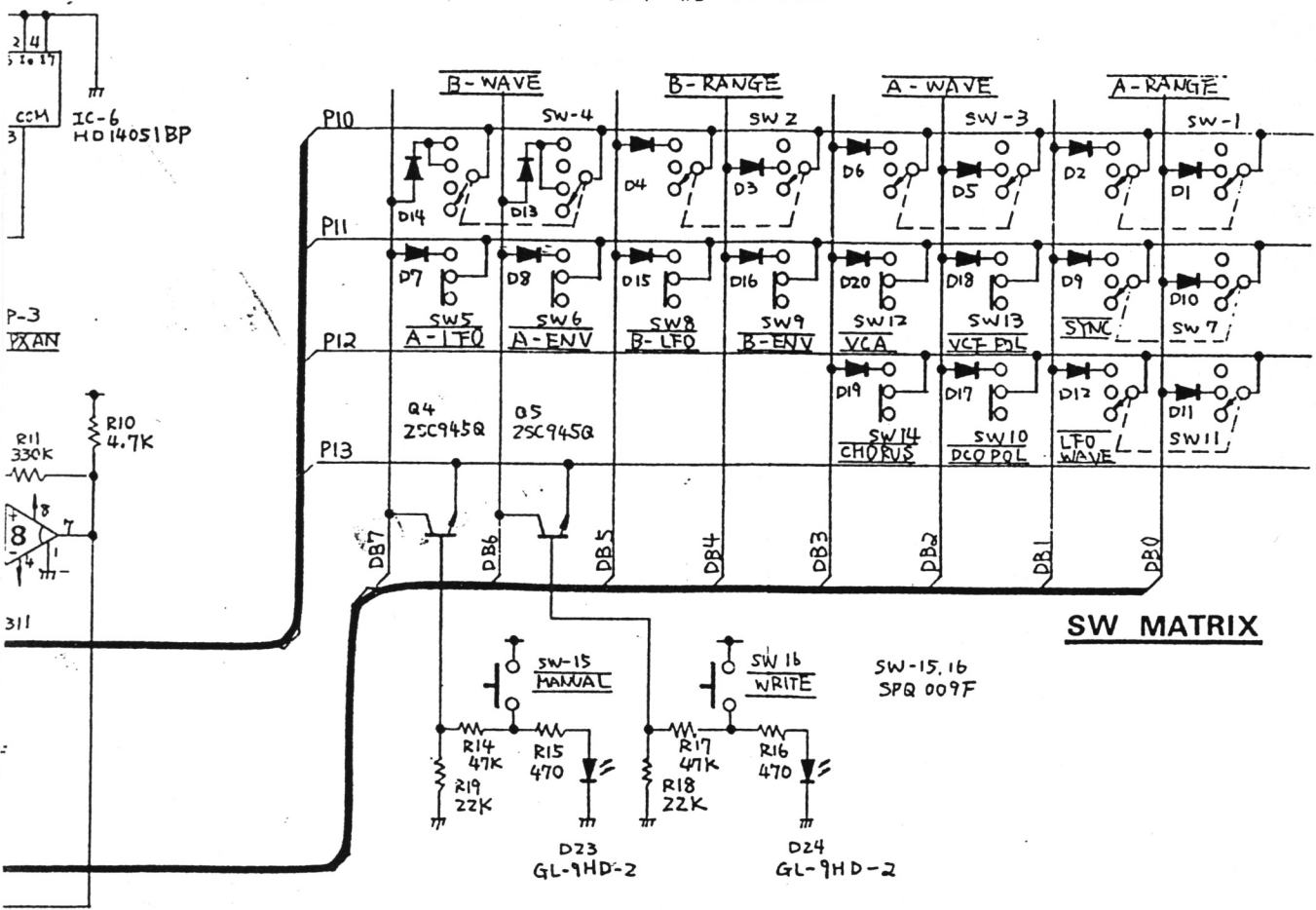
PG-200 CIRCUIT DIAGRAM



DBLS

OG MPX

SW-1, 2, 3, 7, 11 SRM 1043
 SW-4 SRM 1034
 SLIDETYPE SW'S SSB022 9mm
 Di's are 1S2473



+5 REG

**CONTROL BOARD ASSY
 149H217**

PCB less parts
 052H444