

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:

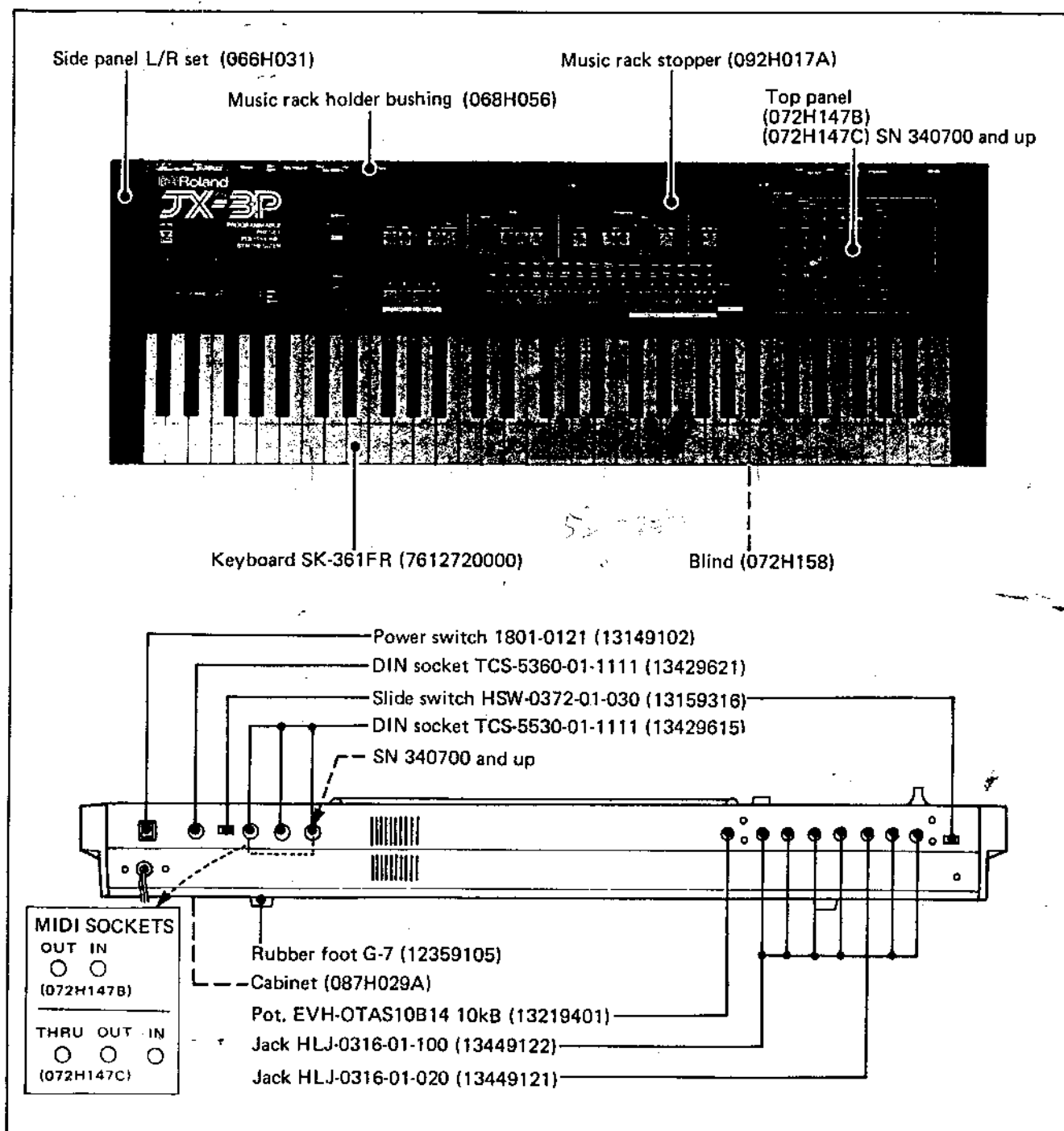
244(W) x 172(D) x 1-3/4(H)mm.

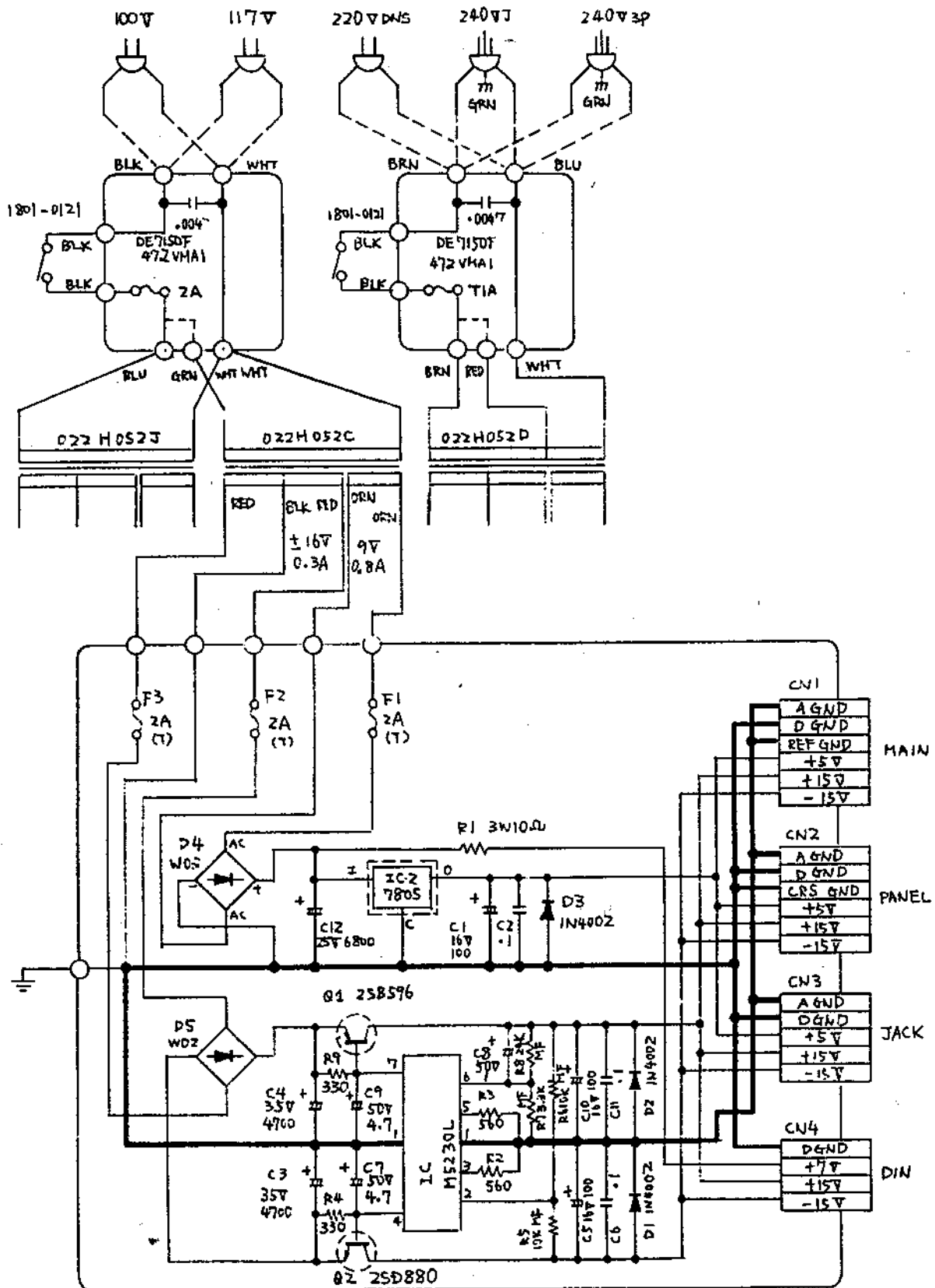
9-5/8(W) x 6-3/4(D) x 1-3/4(H)in.

Weight:

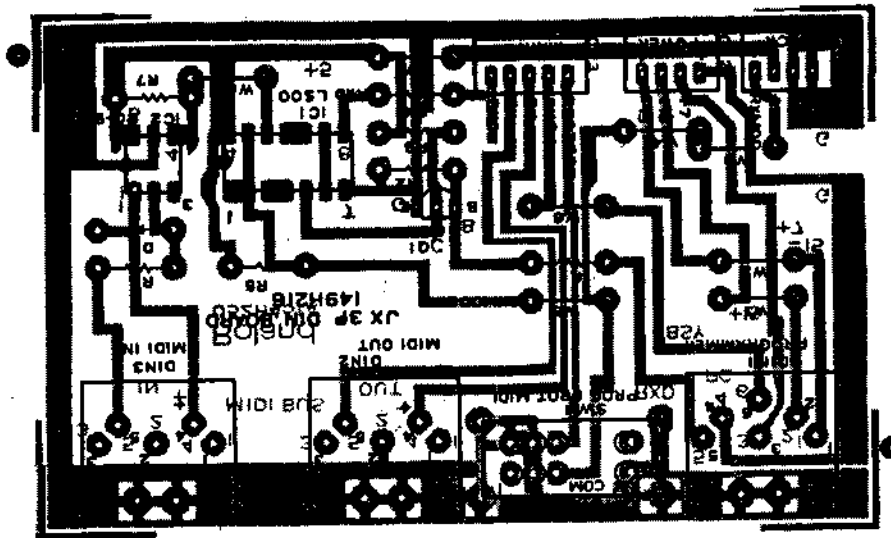
1.4 kg, 3 lb. 9 oz.

JX-3P

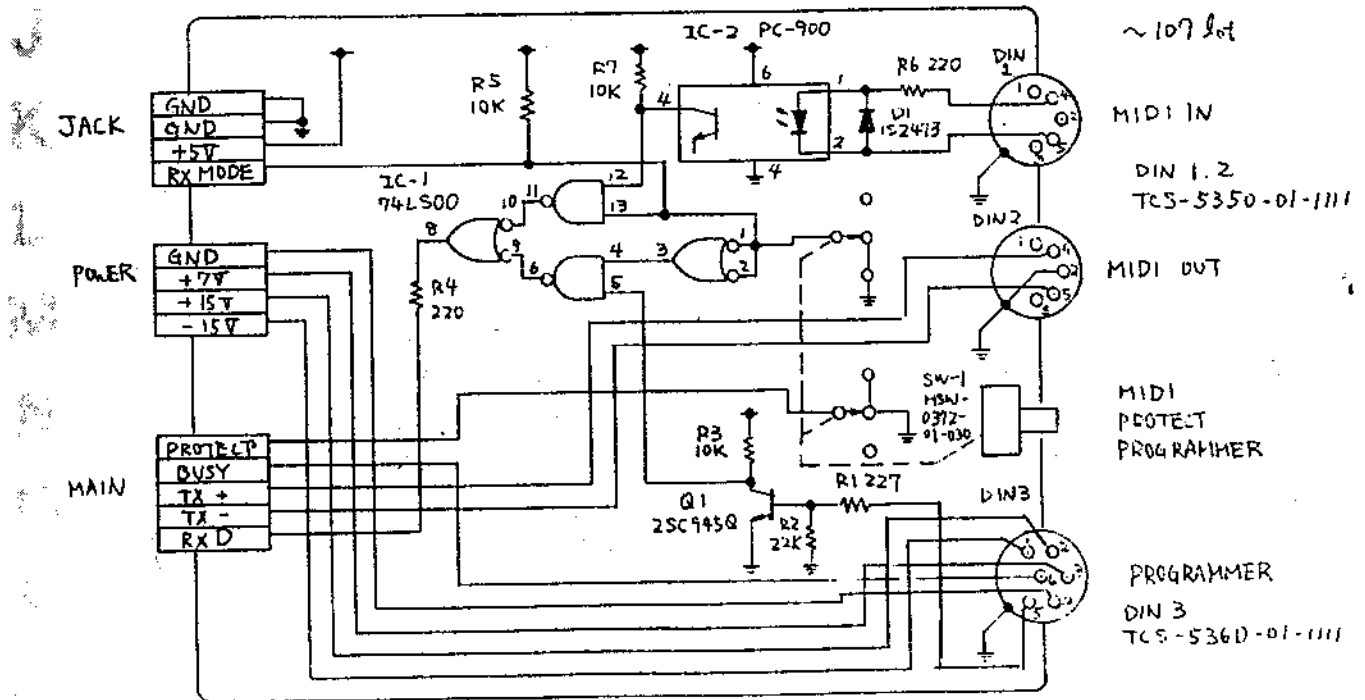




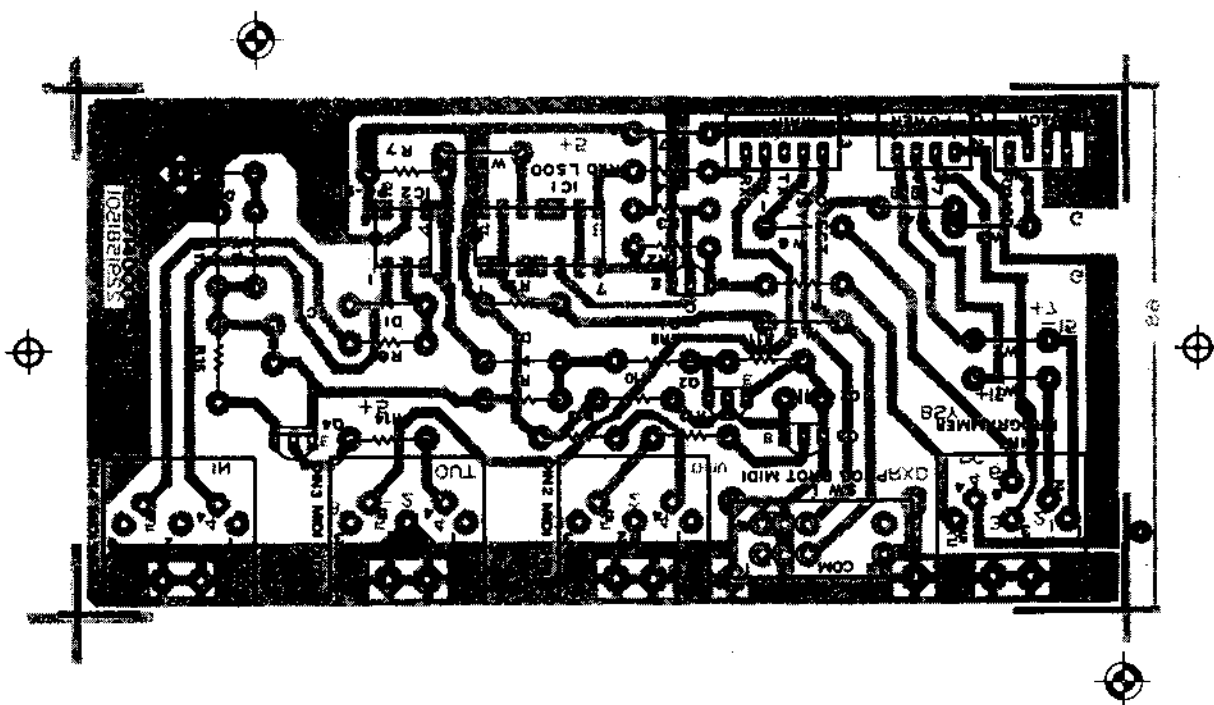
DIN BOARD (149H216) (pcb 052H451A)



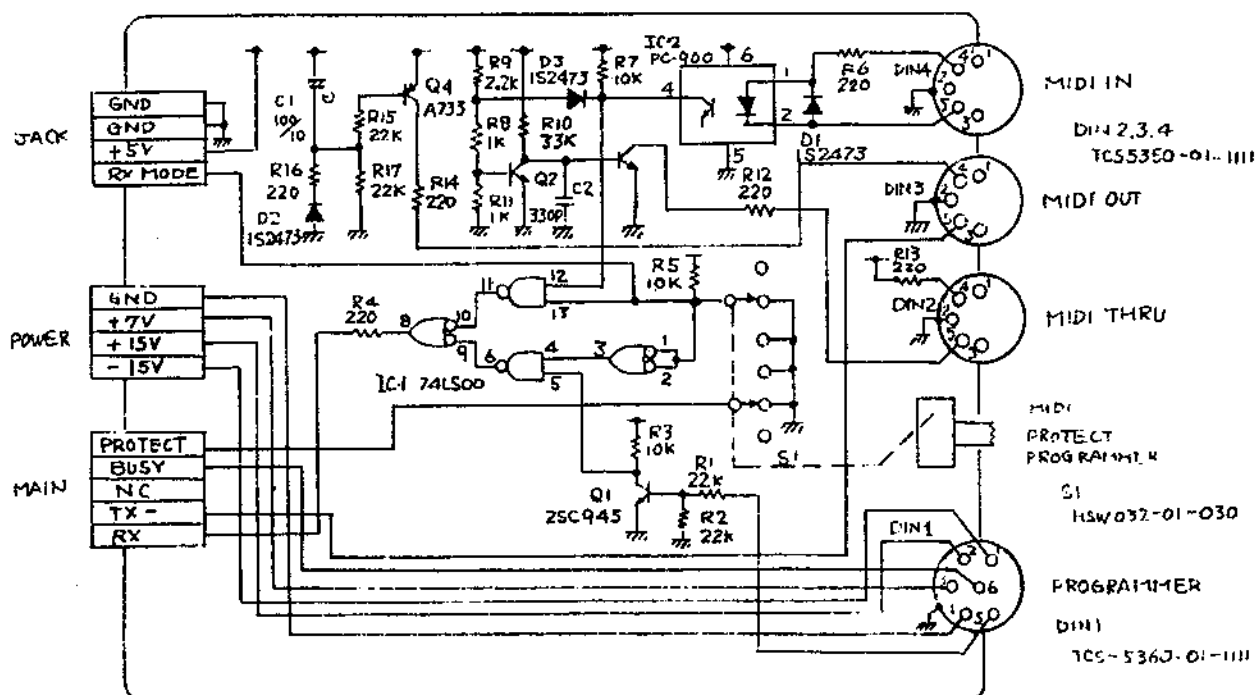
Although both PCBs are compatible, substituting new PCB to

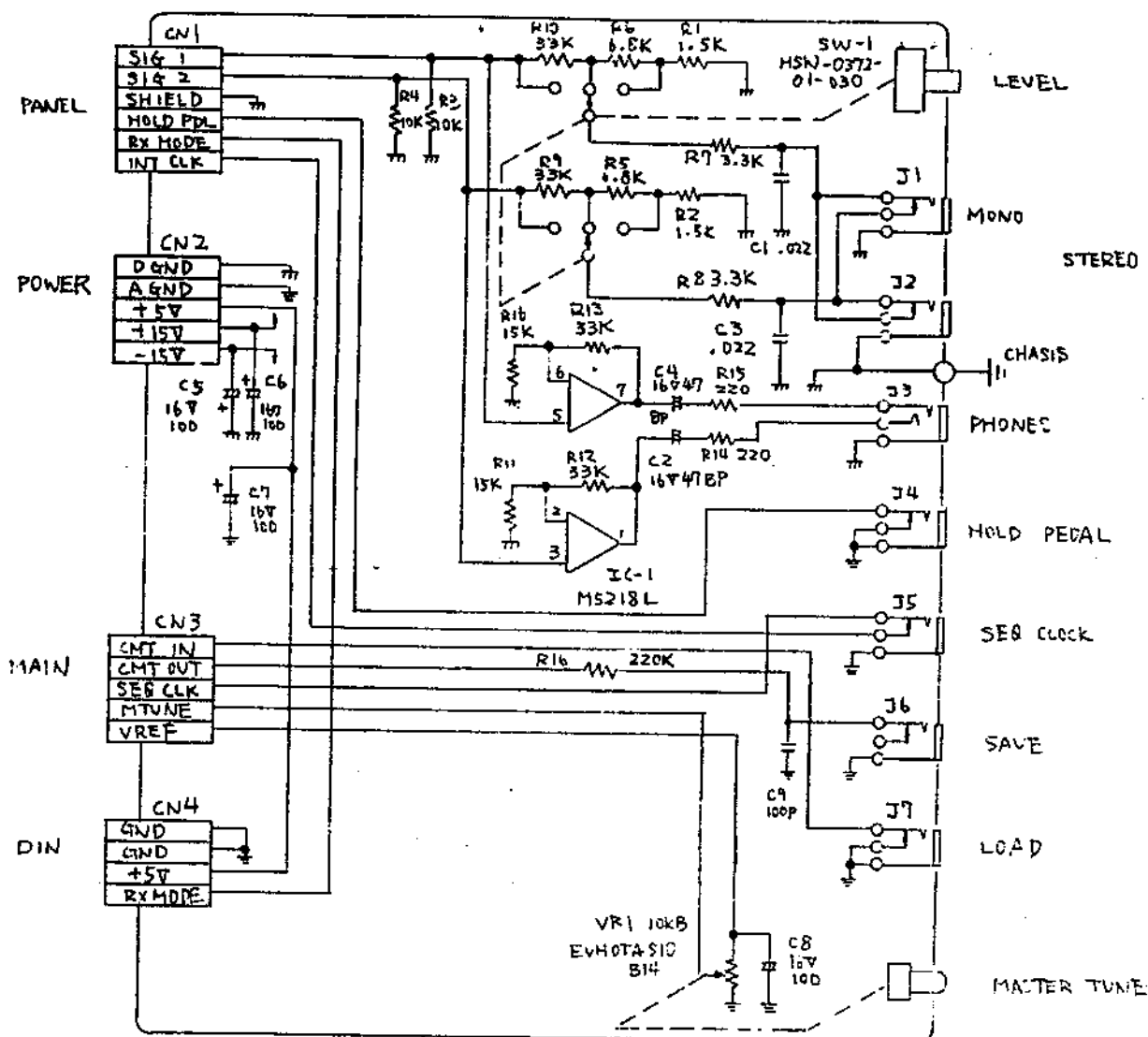


SN 340700 and up **DIN BOARD** 7612714000 (pcb 2291581501)

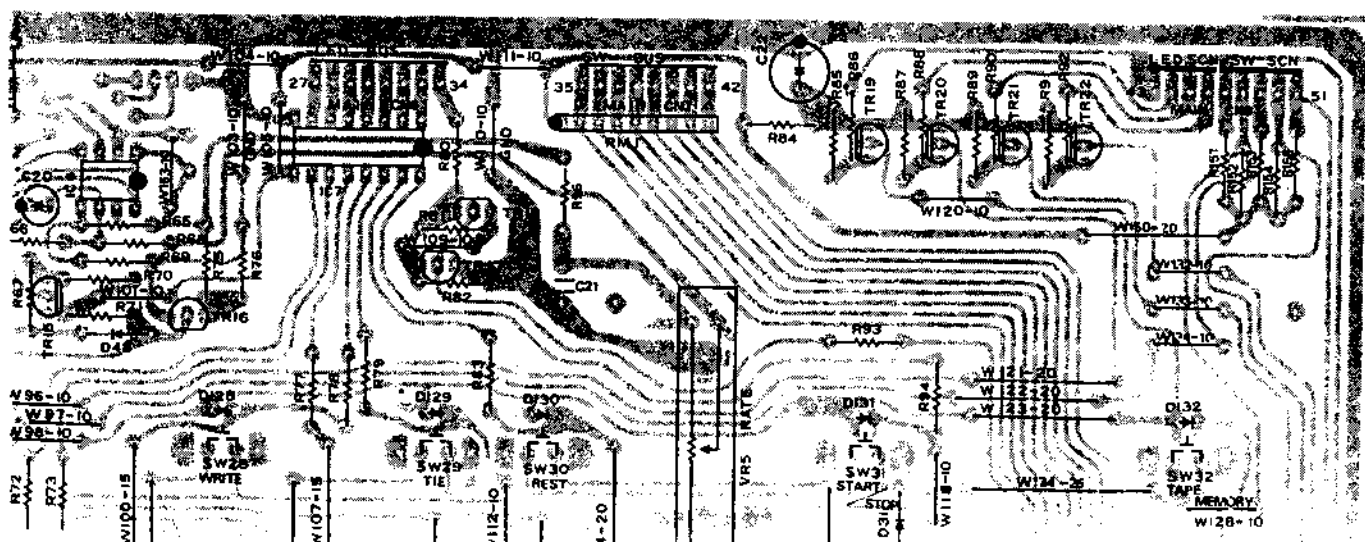


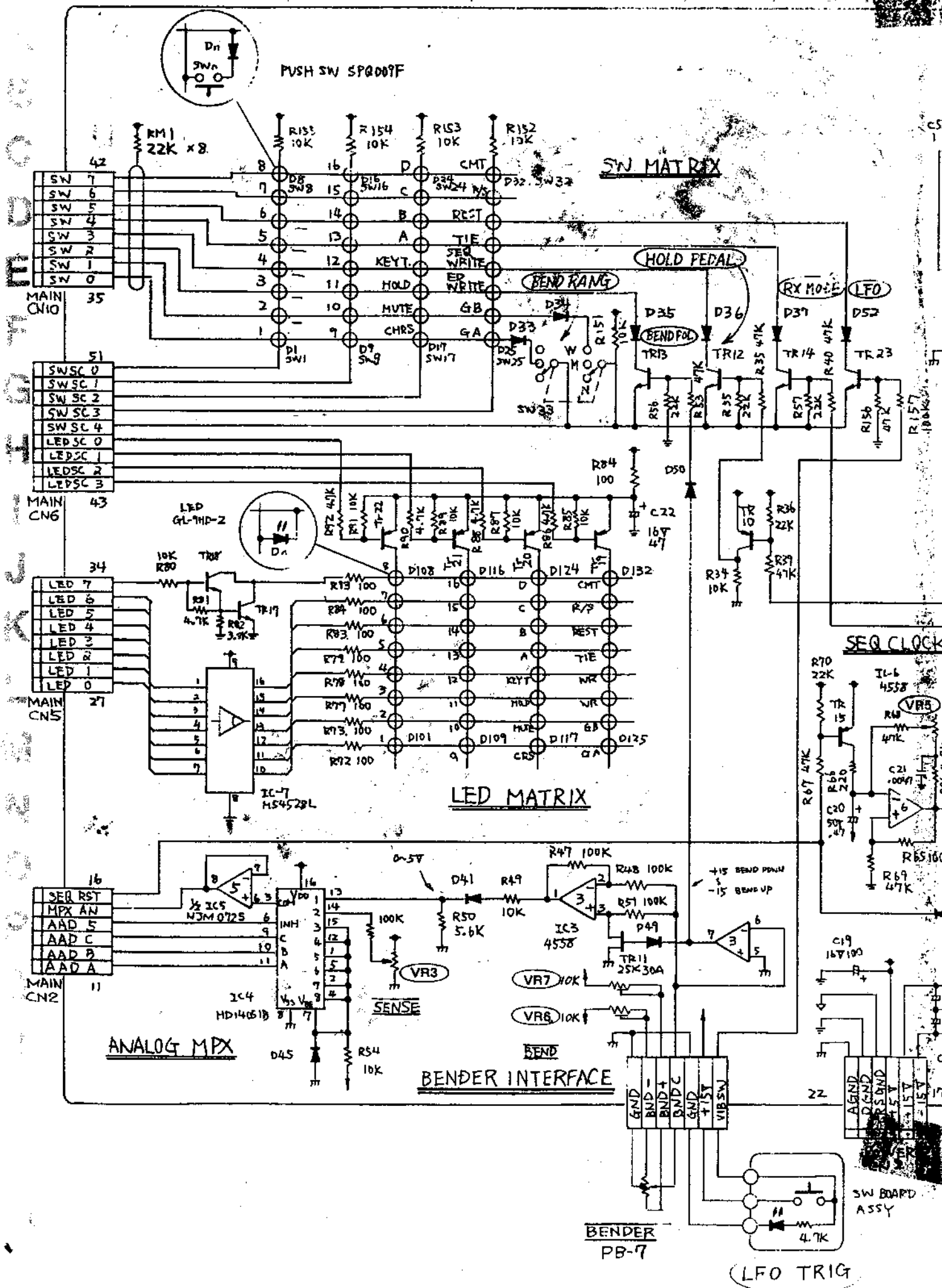
to old one needs Top panel replacement.





(MONO JACK
HLJ-0314-01-100)
(STEREO JACK
HLJ-0314-01-020)

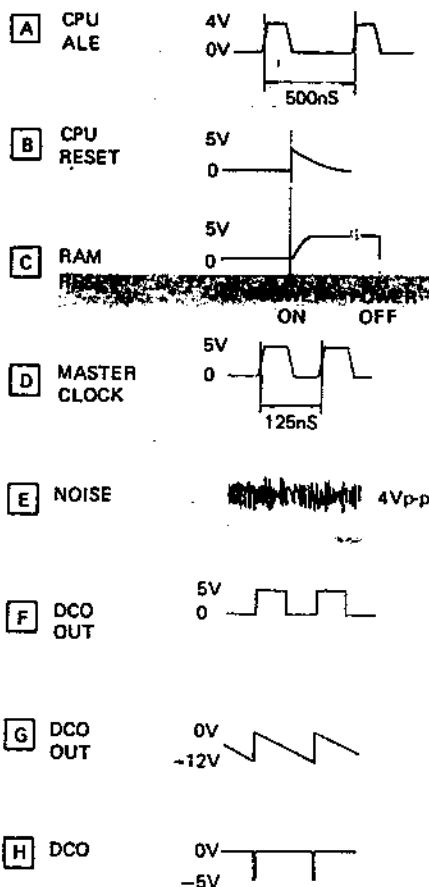




PNP TR	2SA 733Q
NPN TR	2SC 945Q
DIODE	1S2473

DA d e d g f i s d A

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.

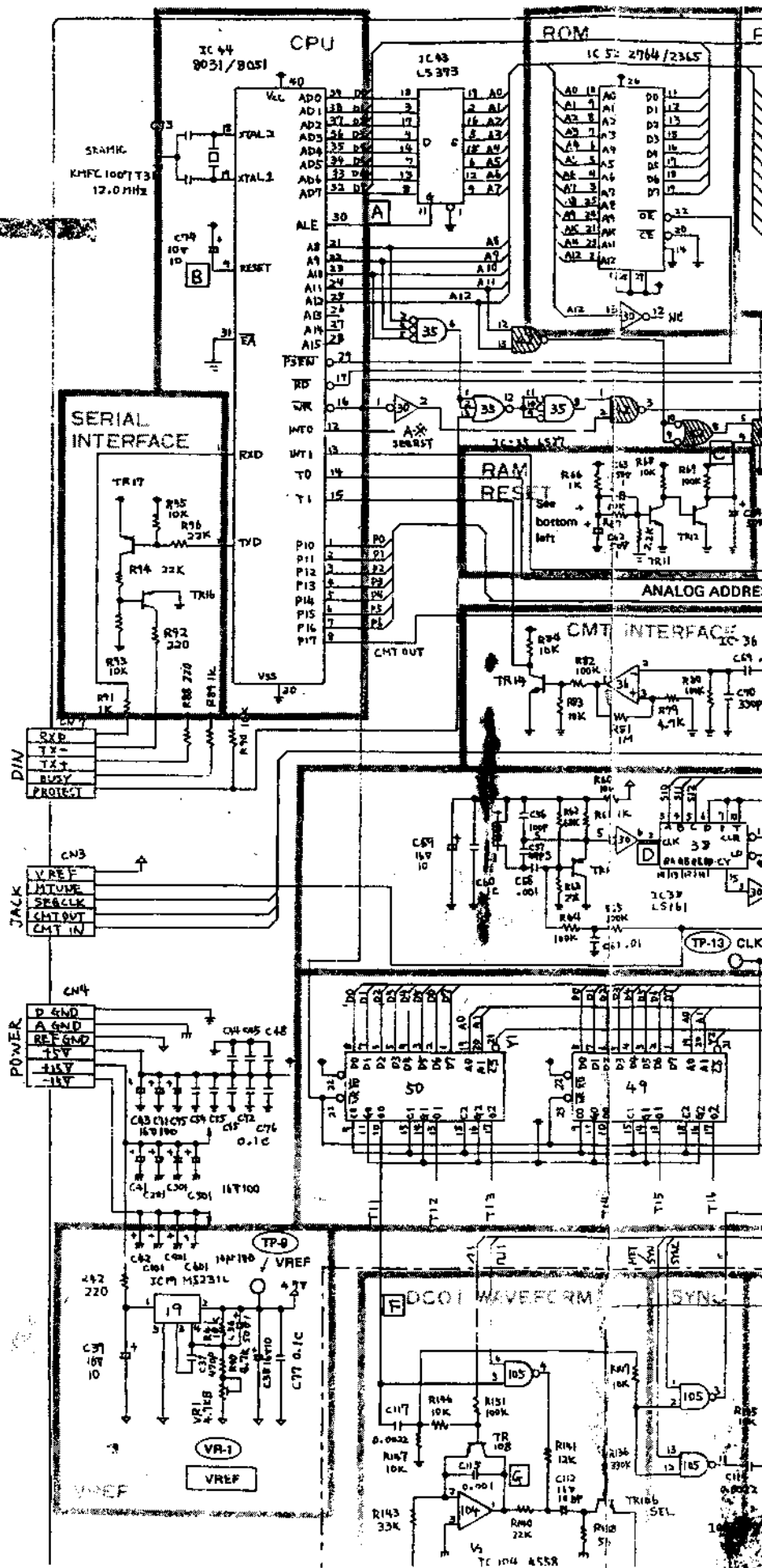
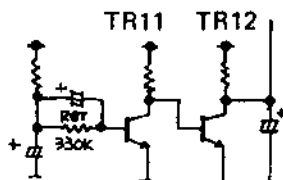
When the JX-3P is used as a master in MIDI connection, unwanted note may be heard on the slave having more than six voices.

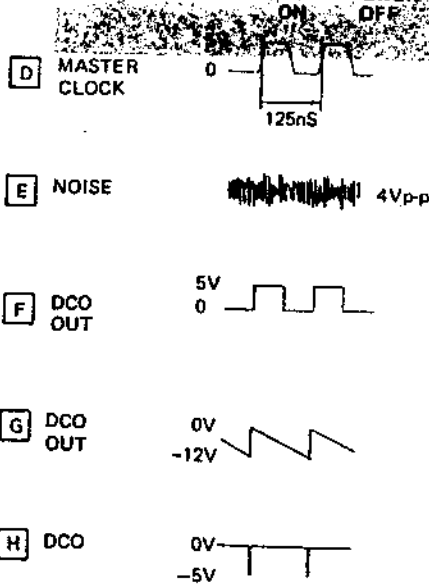
RAM RESET CIRCUIT CHANGE

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.





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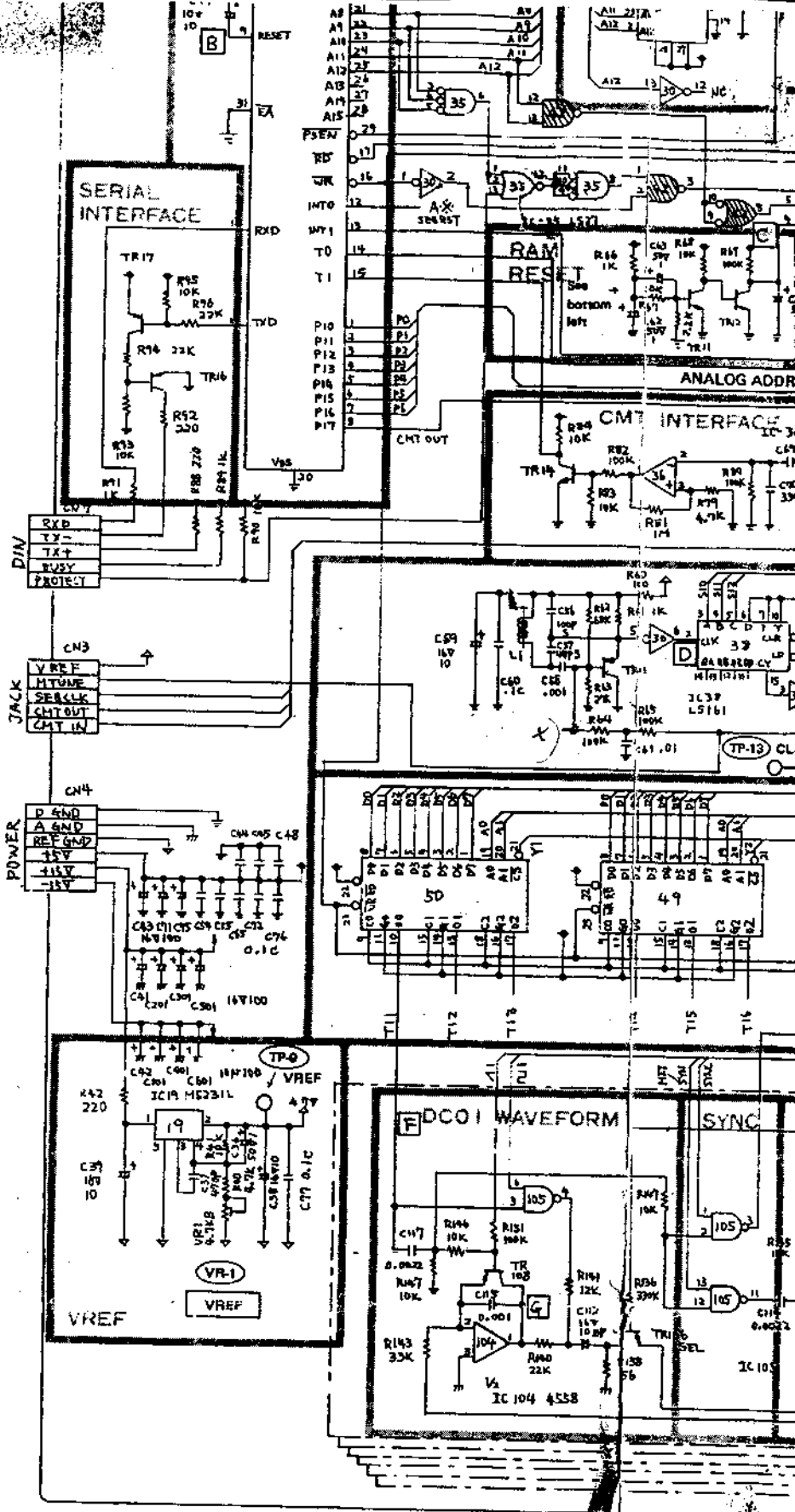
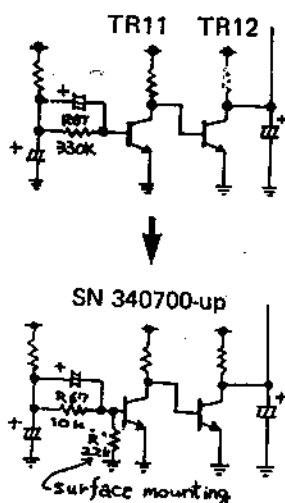
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IC CHANGES

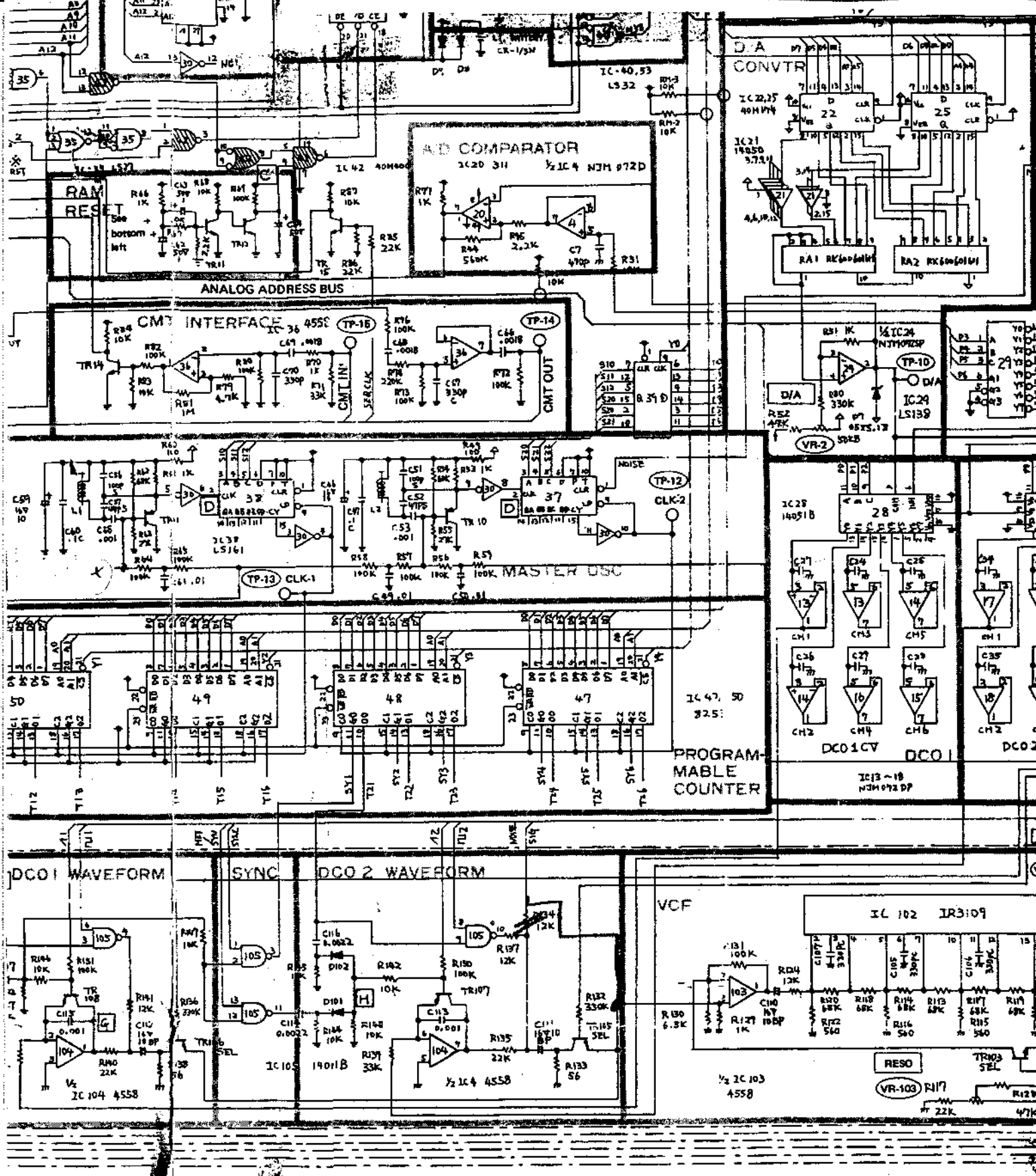
IC procure problems force the factory to empty equivalent on Main board:

IC4-IC18 - from single inline to dual inline with affected PCB foil patterns relaid out.

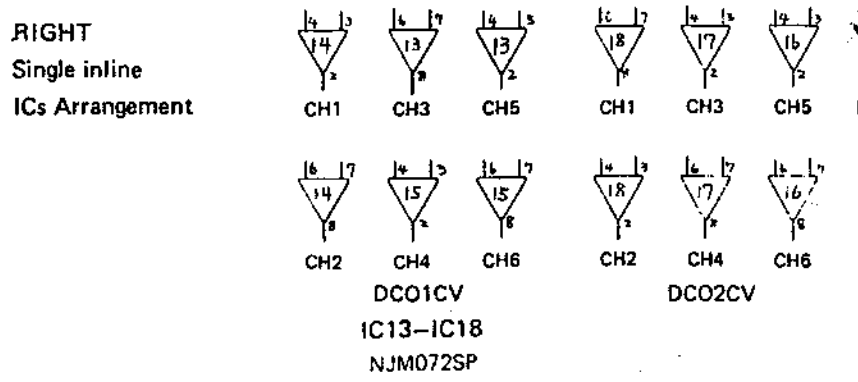
Single inline	Dual inline	Remark
NJM072S	NJM072D	As produced
NJM072SP	NJM072DP	Selected, low offset

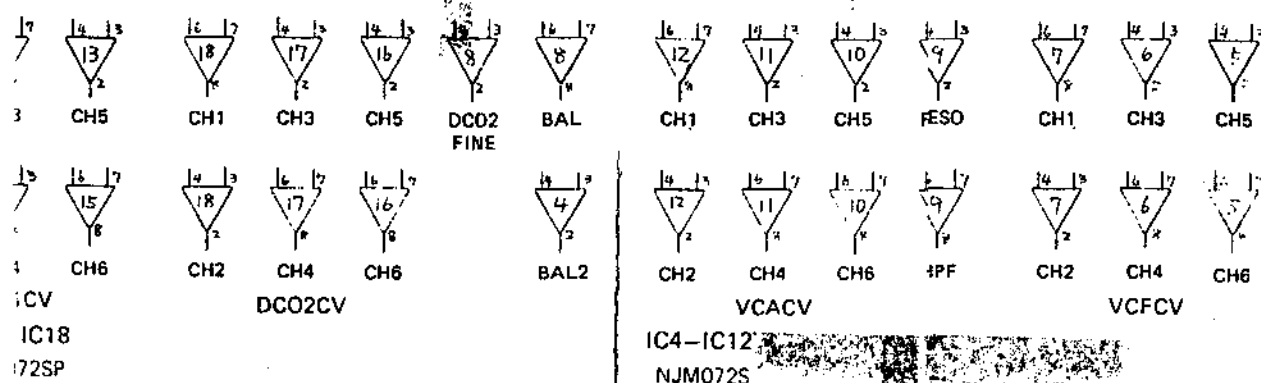
NOTE:

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

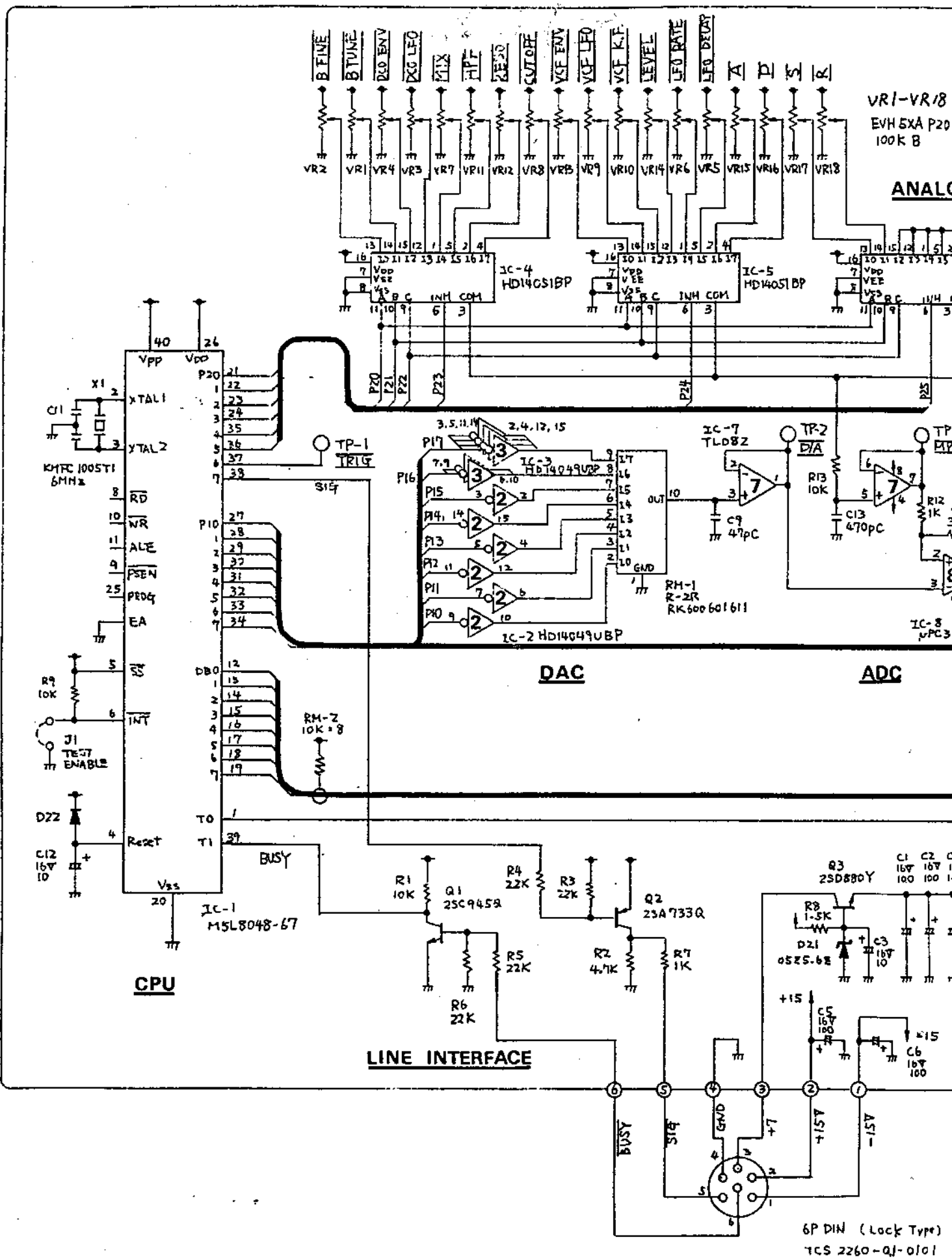


NOTE:
Low offset ICs can replace non-selected ones, single, dual, respectively.
Other brands or makes can be mounted at the factory. In ordering ICs not mentioned above, fill the order sheet with IC number, full name and mark (color), if any, whatever is considered useful to identify the IC.





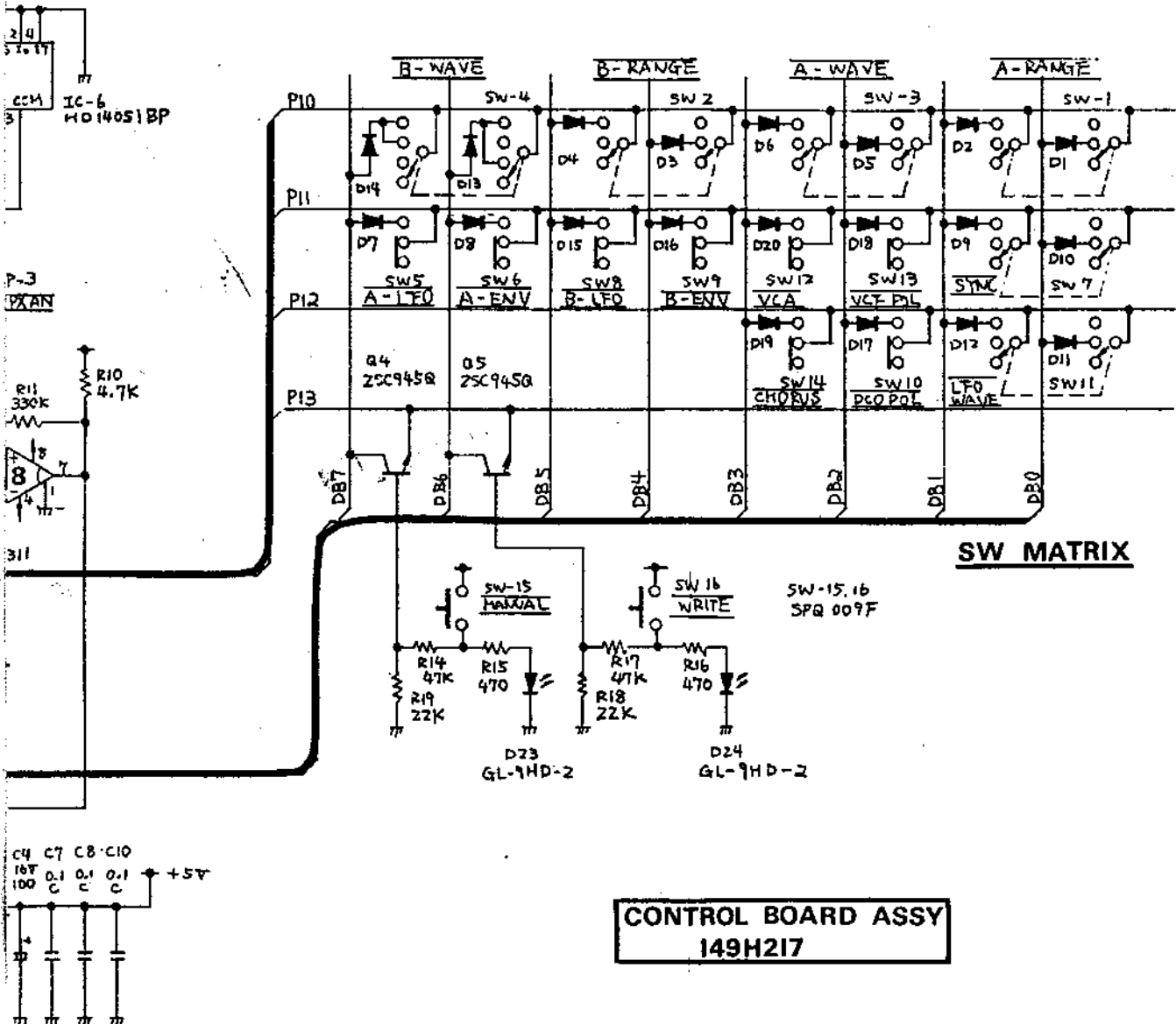
PG-200 CIRCUIT DIAGRAM



DB15

OG MPX

SW-1, 2, 3, 7, 11 SRM1043
 SW-4 SRM1034
 SLIDE TYPE SW'S SSB022 9mm
 Di's are 1S2473



CONTROL BOARD ASSY
149H217

+5 REG

PCB less parts
 052H444