



GRAND PRODUCTS, INC.

775 NICHOLAS BOULEVARD

ELK GROVE VILLAGE, ILLINOIS 60007

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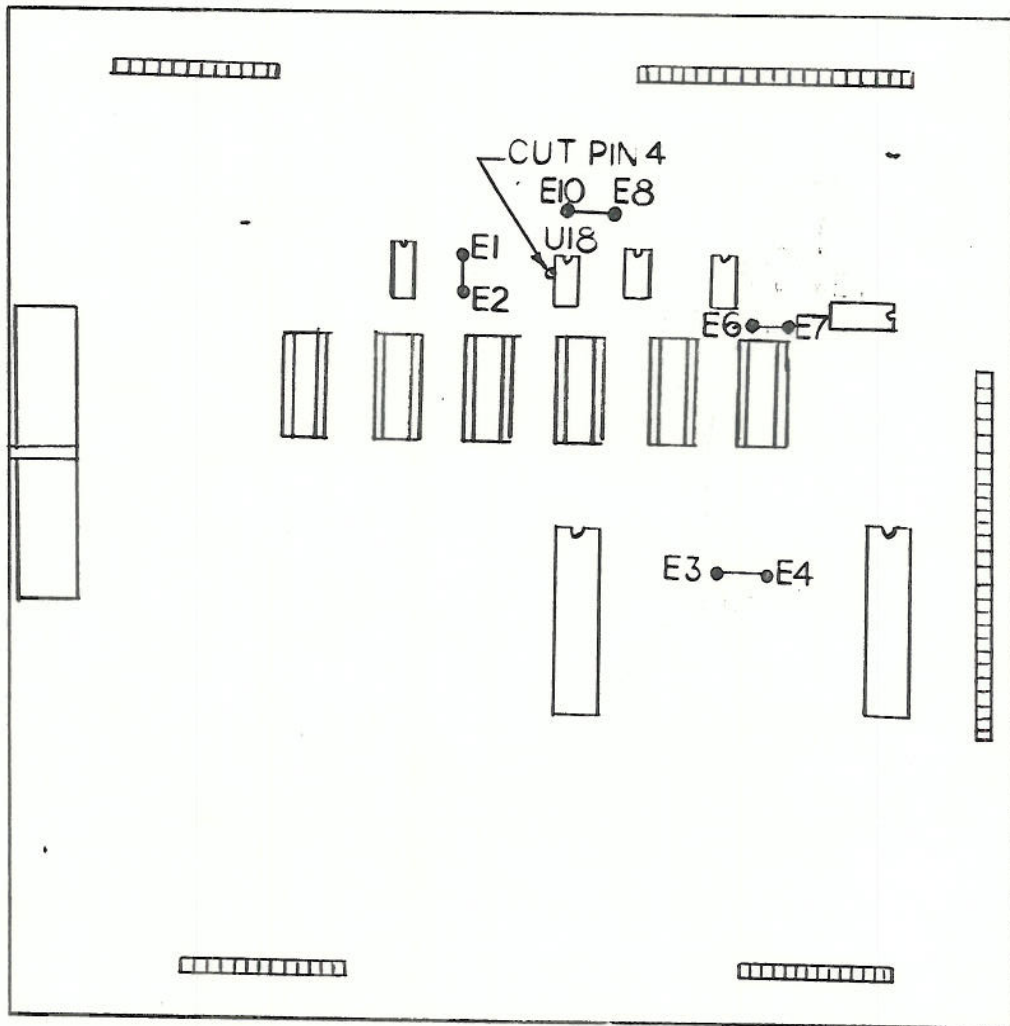
MICROPROCESSOR MOD'S

Board Revision -17

Cut out pin 4 of U18	Fig. 1
Short pins 4 & 5 of U18	Fig. 2
Cut trace below U11	Fig. 2
Cut trace to U18 pin 15	Fig. 2
Cut trace to U1 pin 20	
cut as shown in	Fig. 2
Connect U9 23 to U18 11	Fig. 2
Connect U9 22 to U1 20	Fig. 2
Connect U9 20 to U2 21	Fig. 2
Connect E3 to E4	Fig. 1
Connect E6 to E7	Fig. 1
Connect E1 to E2	Fig. 1
Connect E8 to E10	Fig. 1
Cut trace to U7 pin 10	Fig. 2
Connect U18 15 to U7 10	Fig. 2

ATTENTION:
REMOVE ALL STRAPPING JUMPERS LABELED "E"
NOT SHOWN ABOVE

FIGURE 1



MPU IBOARD AS 2518-17

MODIFICATION PROCEDURE FOR AS-2518-17

FIG II

ADD
JUMPERS
AS SHOWN

SHORT
PINS
4 & 5

U18
CUT
TRACE

U7
CUT
TRACE

REAR U11
CUT
TRACE

U1
CUT TRACE
HERE

