

MODIFICATION PROCEDURE FOR AS-2518-17

March 25, 1986

MICROPROCESSOR MOD'S

Board Revision - 17

- ✓ Cut out pin 4 of U18 *FIG #1 - removes VUA - 02-A12 from U6+U2 Pin 18*
- ✓ Short pins 4 & 5 of U18 *FIG #2 - connects A11 to U6+U2 pin 18*
- ✓ Cut trace below U11 *FIG #2 - isolates A12 from U7+U18+U17*
- ✓ Cut trace to U18 pin 15 *FIG #2 - isolates A9 line*
- ✓ Cut trace to U1 pin 20 *CUT AS SHOWN IN FIG 2 isolates A10 to rom*
- ✓ Connect U9 23 to U18 11 *FIG #2 A13 → old A12 line*
- ✓ Connect U9 22 to U1 20 *FIG #2 A12 → old A10 line (Rom)*
- ✓ Connect U9 20 to U2 21 *FIG #2 A11 → old A9 line (Rom)*
- ✓ Connect E3 to E4 *FIG #1 A11 → Pin 20 U2*
- ✓ Connect E6 to E7 *" " A9 → Pin 22 U2*
- ✓ Connect E1 to E2 *" " A9 → Pin 22 U6*
- ✓ Connect E8 to E10 *" " A11 → Pin 20 of U2+U4*
- ✓ Cut trace to U7 pin 10 *FIG #2 remove A9 line from U6 C50*
- ✓ Connect U18 15 to U7 10 *FIG #2 connect A9 to U7 C50 (check)*

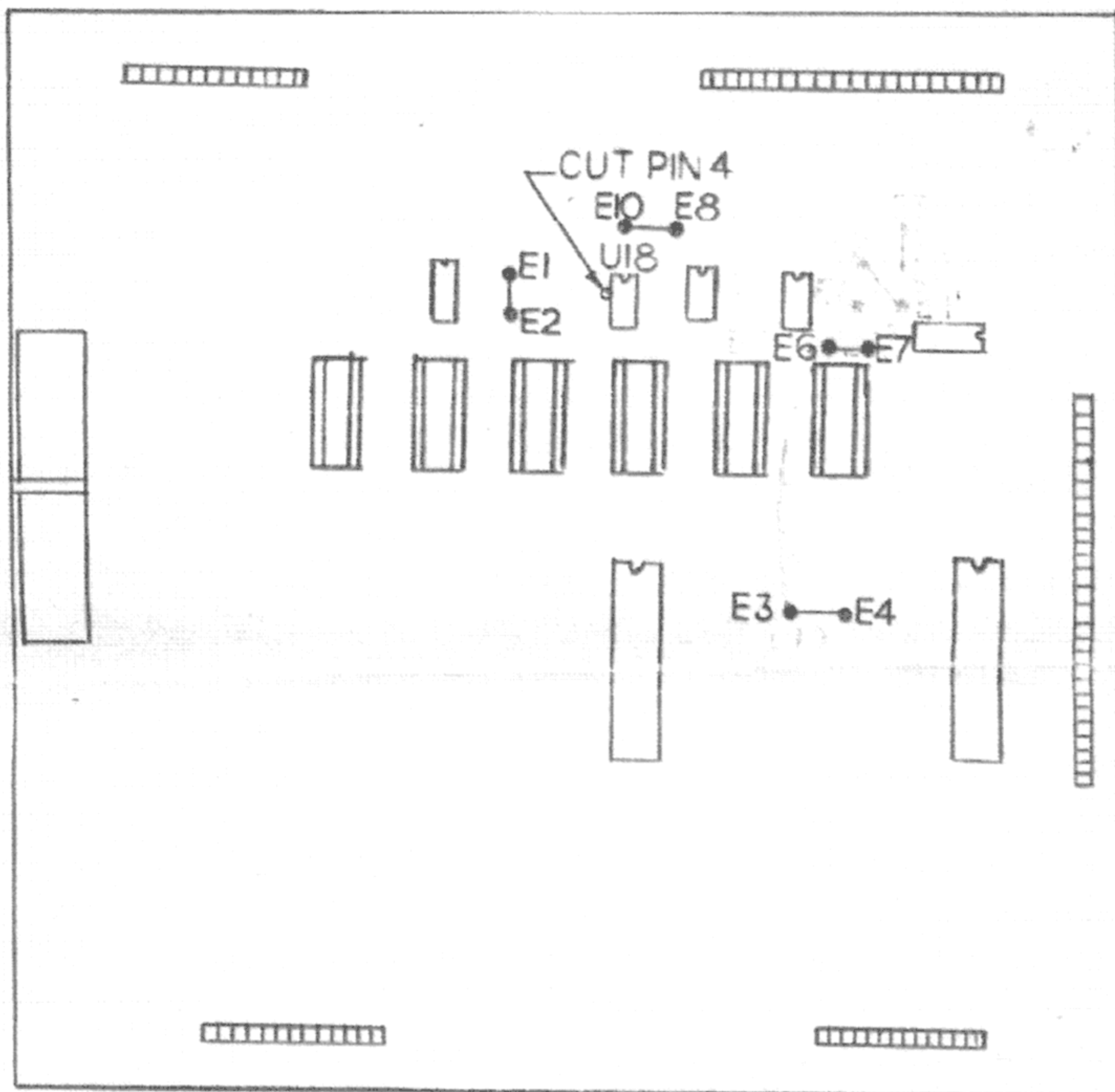
B E

6810 RAM $\overline{A9} + \overline{A10} + \overline{A11} + \overline{UMA} \cdot \overline{PL} + \overline{A7} + \overline{A13}$
 U6 - 7000 - 7FFF
 U2 - ?

CARE FULL

Fluke
 2000 - 3FFF E379
 2000 - 2FFF F8EF
 3000 - 3FFF 2EB7

FIGURE 1



MPU IBOARD AS 2518-17

FIG. II

ADD
JUMPERS
AS SHOWN

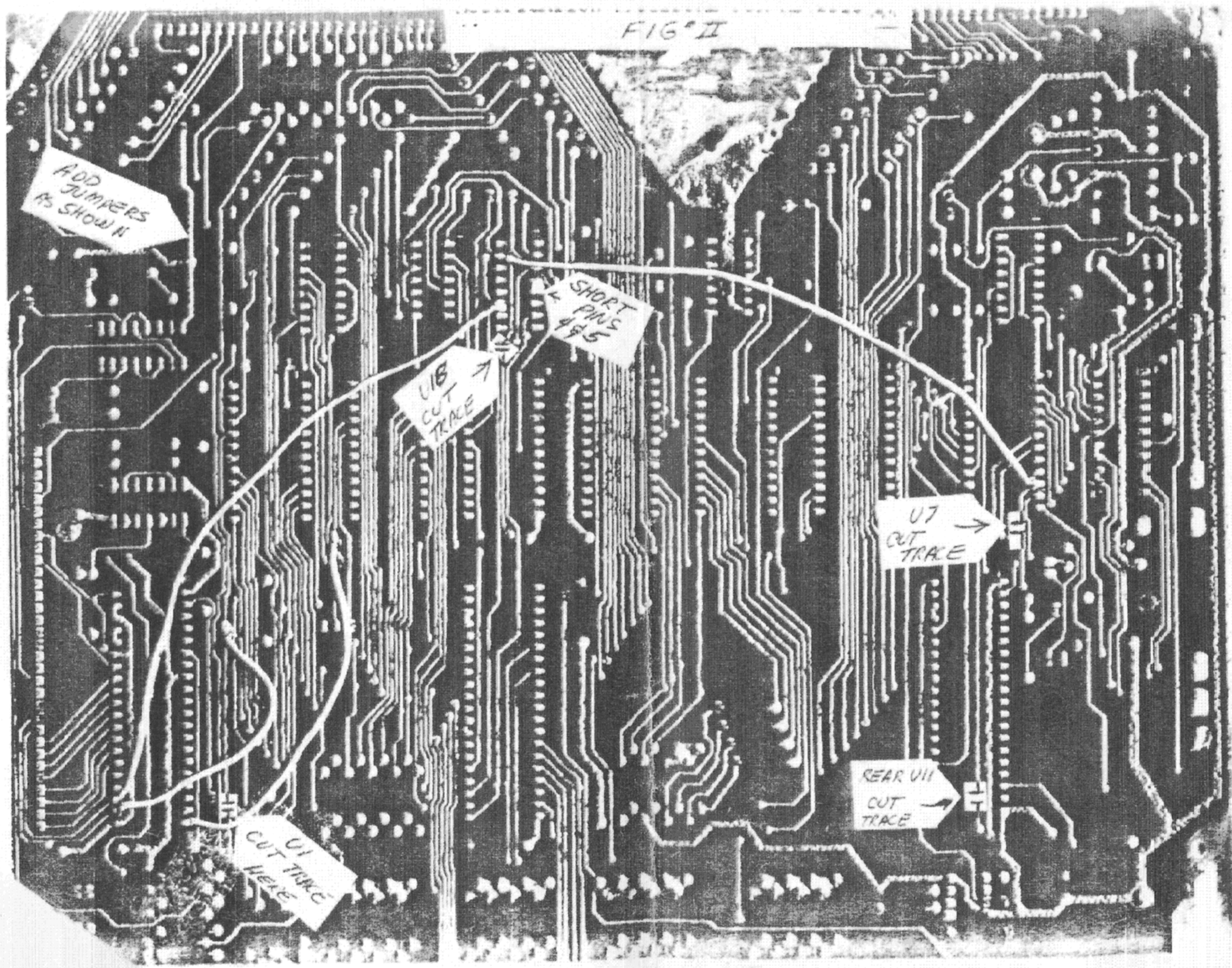
SHORT
PINS
4 & 5

U18
CUT
TRACE

U7
CUT
TRACE

REAR VII
CUT
TRACE

U1
CUT TRACE
HERE



March 25, 1986

MICROPROCESSOR MOD'S

-----Board Revision -35-----

Cut trace below U11 (REAR)

Cut trace to U14 pin 3 (REAR)

Cut trace to U5 pin 20

Connect U9 23 to U18 11 (REAR)

Connect U9 22 to U14 3 (REAR)

Connect E33 to E35

Connect E12 to E33

Connect E7 to E8

Connect E31 to E32

Connect E13 to E15

Connect E13A to E9

Connect E11 to E29

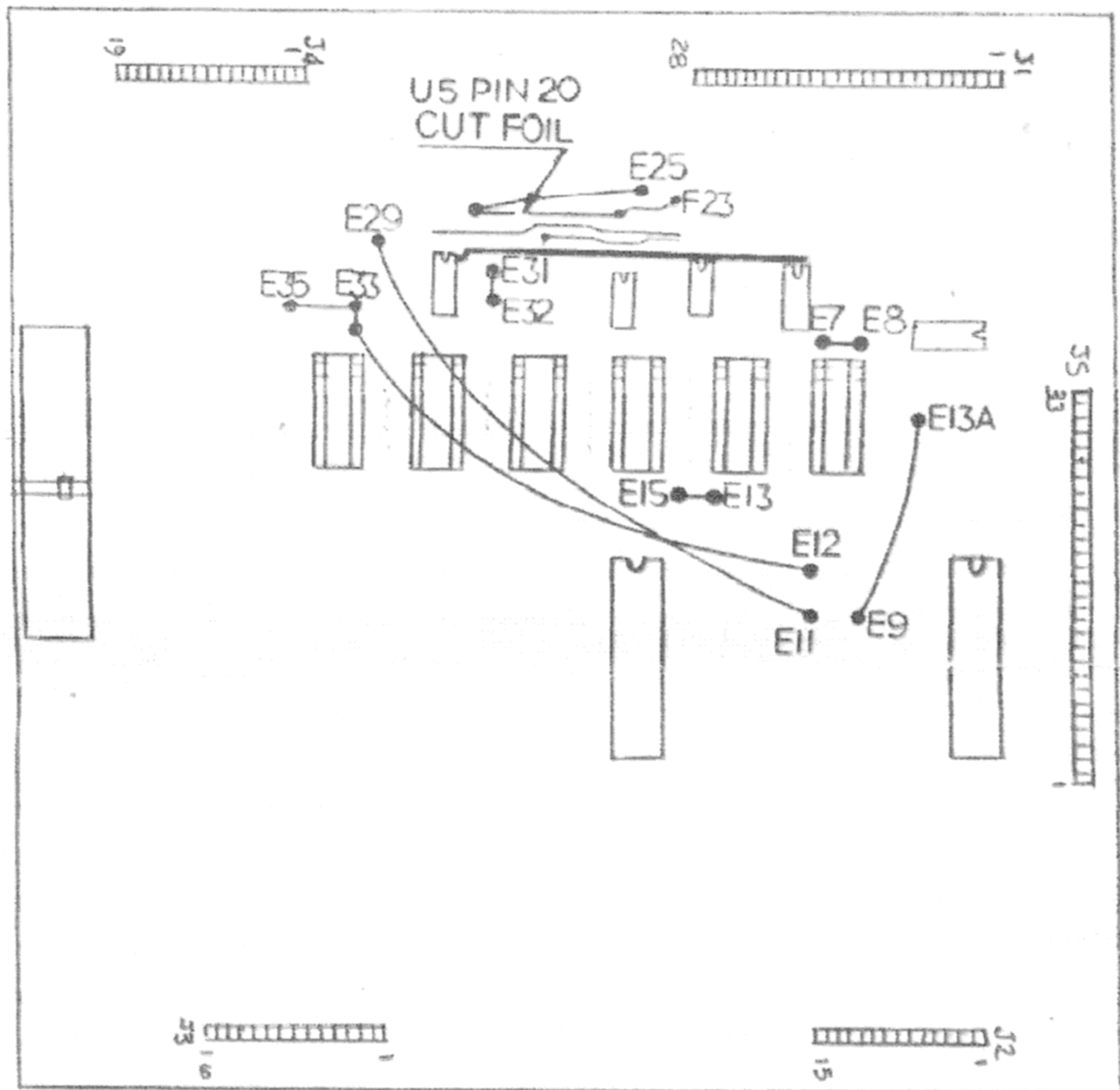
Connect E25 to U5 20 thru
feedthru hole

SEE
Fig #1

SEE
Fig #1

SEE
Fig #1

FIGURE I



MPU IBOARD AS2518-35

FIG. #2

ADD JUMPERS
AS
SHOWN

CUT
↑
TRACE UP

REAR U11
↑
CUT
TRACE

