

DATE: January 6, 1982
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PRODUCT: 26-4001/2 Model II
SUBASSEMBLY: AXX-0501 Z-80 CPU board (REV A/B/C)

PURPOSE: To outline enhanced DMA modification procedure.

DISCUSSION: This modification is the same as the Hard Disk modification except it does not include anything unique to the Hard Disk such as the Boot ROM. Rev A, B, and C boards are the ONLY CPU boards to which this modification applies. DO NOT perform this modification on Rev D and later boards as they have this modification incorporated into their design. Refer to Figures 1 and 2 for schematic changes affected by this modification.

PROCEDURE: After determining that the Revision level of the board is a Rev A, B, or C perform the following procedure with all cuts and jumpers on the SOLDER SIDE of the board for consistency. Remember, DO NOT perform this modification on Rev D boards or later.

2 CUTS:

U4 pin 12 (cut right at the chip)
U13 pin 6 to U21 pin 1

7 JUMPERS:

U21 pin 1 to U24 pin 8
U4 pin 12 to U21 pin 6
U21 pin 4 to WAIT* (the first feedthru after the cut at U4 pin 12)
U21 pin 5 to U15 pin 11
U15 pin 12 to U20 pin 13
U15 pin 13 to U24 pin 4
U24 pin 3 to U20 pin 14

Existing circuit

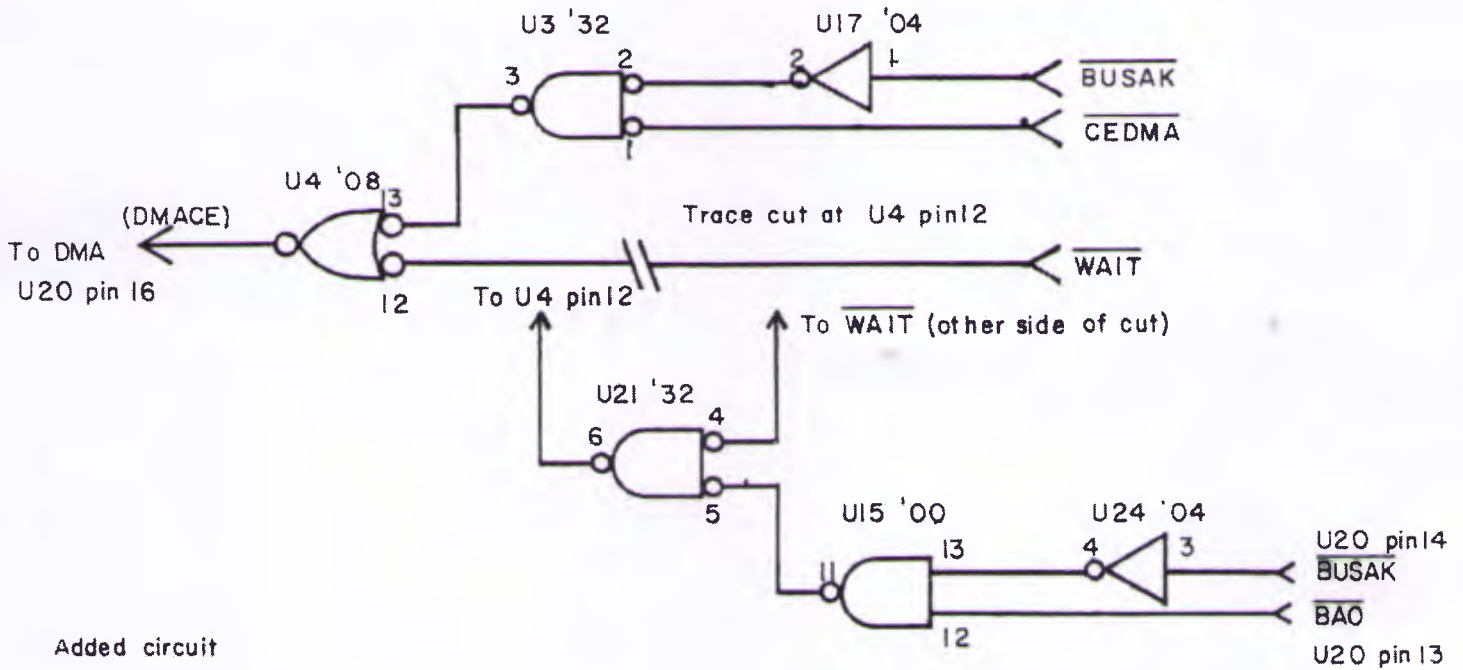


Figure 1

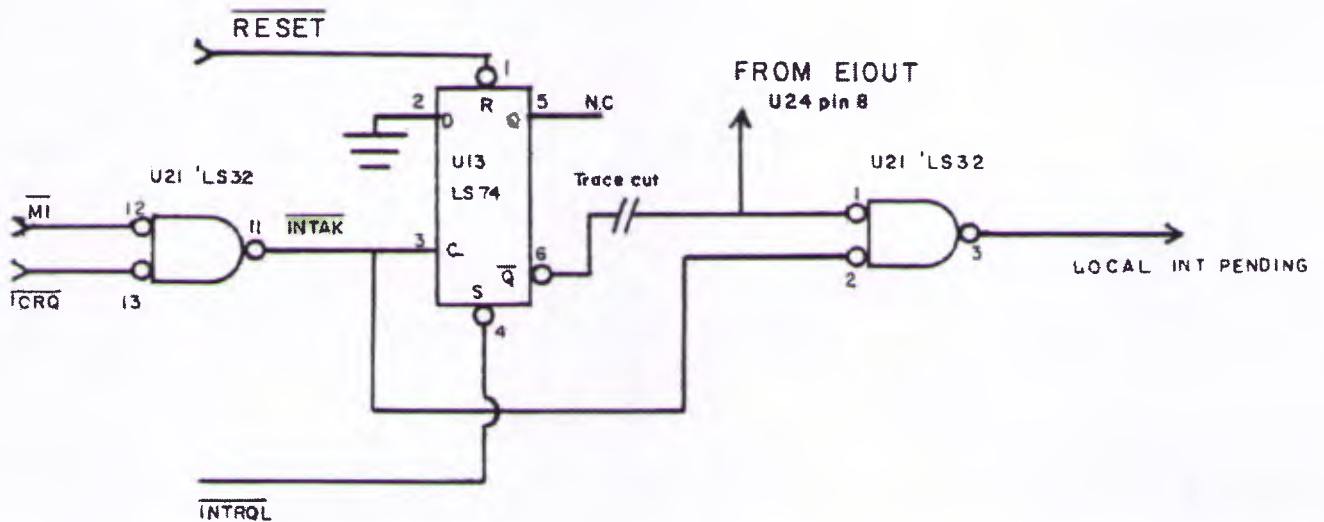


Figure 2