

DATE: April 2, 1985
REVISION DATE: June 19, 1985
BULLETIN NO.: 12/16B:41
PRODUCT: 26-4004/5 Model 12
26-6004/5/6 Model 16B
SUBASSEMBLY: AX-9416 6 MHz 68000 CPU Board (short board)

PURPOSE: To outline modifications to increase operational reliability.

DISCUSSION:

For correct operation with both the 128k/256k and the 512k/1 meg 68000 memory boards, the following modifications need to be performed on the 6 MHz 68000 CPU board.

**** Compliance With This Bulletin Is Mandatory ****

PROCEDURE:

Modifications for the 6 MHz 68000 CPU board are as follows:

- (1) If PAL U48 is a 16R6 device, remove it and replace it with a new PAL which is a 16R4 device.
part # MX-2124, cat. # 26-6006
- (2) Add a 330 pf ceramic capacitor from the ground end of C43 to the feedthrough near the +5V end of C37. This feedthrough connects to TP28. This capacitor may be ordered as part # CF-1514, cat. # 26-9999.
- (3) Add a ground strap (22-24 gauge wire) from the ground end of C29 to the ground end of C28 on the solder side of the board.
- (4) The refresh jumper option **must** be set to E1-E2.

In addition, the 68000 memory boards should be checked for the presence of all pertinent Technical Bulletins. System operation should be checked after performing the modifications with 68000 diagnostics in both the Z80 and 68000 modes.
