



PROCESSOR TYPE PDP-11/45, PDP-11/50

M8108-00001 CODE: D CS: A

APR-72 - PROBLEM: 1: Wrong termination.
CORRECTION 1: Eliminate resistor R2; change R1 to 150 ohms.
PROBLEM 2: Race condition at 1.2 usec ROM cycle.
CORRECTION 2: Synchronize INHIBIT signal with flip-flop on SSRK .
PROBLEM 3: NO ERROR flip-flop not setting.
CORRECTION 3: Clock register SRO earlier.
CORRECTION 4: Drawings changed to correct print errors.
PROBLEM 5: TIG changes.
CORRECTION 5: Change prints.
PROBLEM 6: Hole in EXECUTE ONLY space.
CORRECTION 6: Change I SPACE logic -SSRB .
In-plant effectivity -03 rework immediately

M8108-B0007 CODE: F CS: F

MAY-73 - PROBLEM: Fails to abort when illegal address is internal register; SSRK INHIBIT 1 L fails to block TIGD T5BH on SSRL D-S .
CORRECTION: On SSRK , replace signal SSRK TS4 H with TIGC T4BH at E79 pin 13.

NOTE: The KB11-A must be at WL revision "N " or later; reference FCO KB11A-B0017.

In-plant effectivity -03 * -All etch revision "A " and etch revision "B " M8108's must be reworked. KB11-A must also be reworked.

Field effectivity -Rework all etch revision "A " and "B " M8108's (Time To Install And Test .5 Hour.) (Kit Contents -F951 -FCO/Prints)

M8108-00002 CODE: D CS: B

APR-72 - PROBLEM: An MTPI instruction, when "D " space is enabled and current and previous modes are both USER , will now write into the "D " space if "D " space is write-enabled.
CORRECTION: Under the above circumstances, allow MTPI to try to write in "I " space. This is OK since "I " space will normally be "read only " when set up as an EXECUTE ONLY situation hence, the MTPI will be aborted. Signal SSRJ C1 B L determines whether it is MTPI or MFPI .

NOTE: See correction supplement ECO M8108-00003
In-plant effectivity -Rework immediately

M8108-00003 CODE: D CS: C

APR-72 - CORRECTION 1: Corrects note on ECO M8108-00002.
PROBLEM 2: On a KT11-C abort, using CONSOLE PHYSICAL for an examine, sometimes gave an address error on trying to examine KT11-C registers.
CORRECTION 2: Clear INHIBIT signal with the fact that the access is a CONSOLE PHYSICAL operation.
In-plant effectivity -03 rework immediately

M8108-B0004 CODE: DF CS: D ETCH: B

APR-72 - PROBLEM: Etched board has etch cuts and jumpers from ECO's M8108-00001 through M8108-00003.
CORRECTION: Correct etched board to reflect revision level "C " Circuit Schematic.

NOTE: See correction supplement FCO M8108-A004A.
In-plant effectivity -02 -Phase-in
Field effectivity -Rework all etch revision "A " M8108's
(Time To Install And Test 1.0 Hour) (Kit Contents -FCO/Prints)

M8108-B004A CODE: DF

JUN-72 - PROBLEM: FCO M8108-B0004 incorrect. Must also retrofit etch revision "A " boards to make actual circuit identical to schematic.
CORRECTION: To "A " etch revision boards only, add jumper from E85 pin 4 to PTH below pin 1 on E107, connects signal SSRL INT CLRA L to E85 pin 4, also update CS revision "D " .

NOTE: Attempt to access any SUPERVISOR PAGE ADDRESS REGISTER with the KT11-C enabled may cause the processor to hang.
In-plant effectivity -03 -Rework all etch revision "A " M8108's
Field effectivity -Initiated

M8108-00005 CODE: P CS: E

MAR-73 - ECO M8108-00005 was cancelled by supplement ECO M8108-0005A. FCO M8108-00006
PROBLEM: Circuit Schematic drawing showing etch revision "B " still says "Etch revision A " .
CORRECTION: Change etch letter on Circuit Schematic drawing to "B " ; update Module History and Assembly Hole drawing.
In-plant effectivity -06 documentation change only