

PROCESSOR TYPE PDP-11/45

M7284-00001 CODE: D CS: B

JAN-73 - PROBLEM 1: Capacitor C72 is shown incorrectly; polarity is reversed.

CORRECTION 1: Turn C72 around so polarity is correct.

PROBLEM 2: Etch is wrong.

CORRECTION 2: Delete etch from capacitor C71 "" to Q9 collector. Add a wire from the other end of C71 to resistor R65.

NOTE: See correction supplement ECO M7284-0001A.

In-plant effectivity -03 rework immediately

M7284-0001A CODE: D

JAN-73 - PROBLEM: Typing error on ECO M7284-00001 under "Description of Change".

CORRECTION: Item #2, should read "Reverse C72. See item #1 above".

In-plant effectivity -Unchanged

M7284-A0002 CODE: F CS: C

FEB-73 - PROBLEM: The vector does not come soon enough with respect to BUS BUSY and INTR.

CORRECTION: Add an R/C circuit to delay BUS BUSY and INTR until the vector is asserted on the bus.

In-plant effectivity -03 rework immediately

Field effectivity -Rework all M7284's used in DA11-F

(Time To Install And Test 2.0 Hours.) (Kit Contents -FCO/Prints And Parts)

M7284-00003 CODE: D CS: D

OCT-73 - CORRECTION 1: Correct Circuit Schematic errors.

PROBLEM 2: Capacitor C70 was omitted from the Parts List; circuit operation is not affected.

CORRECTION 2: Add C70 to the Parts List on drawing B-CS-M7284-0-1.

In-plant effectivity -Add C70 to new boards built after November 1, 1973.

Do not rework any boards built prior to November 1, 1973.

M7284-B0004 CODE: F CS: E

NOV-73 - PROBLEM 1: Insufficient set-up time after START OK signal is asserted.

CORRECTION 1: Increase time delay by changing the value of capacitor C55 from 47 pfd to 120 pfd, #10-00018.

CORRECTION 2: Add insulated jumpers for address selection to the Assembly Hole drawing and to the Circuit Schematic Parts List.

In-plant effectivity -Change C55 on all units in-plant as of 12/3/73

Field effectivity -Rework all M7284's at next service call

(Time To Install And Test .3 Hour.) (Kit Contents -PF1132 -FCO/Prints And Parts)

M7284-B0005 CODE: F CS: F

DEC-73 - PROBLEM: Missing etch run left Q8 emitter ungrounded. Module fails CMT/XOR tester but will pass diagnostics.

CORRECTION: Add wire from Q8 emitter to grounded end of resistor R54.

In-plant effectivity -Rework untested modules before using CMT/XOR tester. Rework tested modules still in-plant before shipping.

Field effectivity -Rework all M7284's on next service call.

(Time To Install And Test .3 Hour.) (Kit Contents -NF1146 -FCO/Prints)