

PROCESSOR TYPE PDP-11 Family

M7015-00001 CODE: D CS: B ETCH: C
OCT-72 - PROBLEM: BUS REQUESTS being generated with the wrong signal when running two or more options at once.
CORRECTION: Generate the BUS REQUESTS only with the device stored in the 6 bit latch. Correct etch, retrofit all etch revision "B" boards, and correct prints.
In-plant effectivity -03 rework all etch revision "B" boards

M7015-A0002 CODE: F CS: C
JAN-73 - PROBLEM 1: Bits being picked up when transferring data in DMA OPERATION.
CORRECTION 1: Inhibit any OUT HIGH or OUT LOW signals by disabling C01 during DATA-BUS TIMES.
CORRECTION 2: Make print corrections.
Quick Check -Etch cut E17 pin 5 to E17 pin 6.
In-plant effectivity -03 rework immediately
Field effectivity -Rework all M7015's in LPS11.
(Time To Install And Test 3.0 Hours.) (Kit Contents -FCO/Prints)

M7015-00003 CODE: P CS: D
MAR-73 - CORRECTION: Orders Circuit Schematic corrections.
In-plant effectivity -06 documentation change only

M7015-B0004 CODE: F CS: E
SEP-73 - PROBLEM: PDP-11 systems hangs up running RSTS11.
CORRECTION: Gate BUS C1 with D1-1 ENABLE L and add 80 nsec. R/C delay network to select lines. The rework procedure is as follows: Remove C28, a 0.01 mfd disc capacitor; Cut etch on side 2 from both sides of E31 pin 18. Cut etch above C28 on ground side. Drill 4 holes between E18 and E22; add griplets, DEC #12-10244. Add a new C28, 330 pfd, DEC #10-00023 and R63, 220 ohms, DEC #13-00271. Add wire from top of C28 to top of R63. Add wire from top of C28 to E31 pin 18. Add wire from bottom of C28 to E22 pin 10. Add wire from bottom of R63 to feed-thru under C43 which goes to E31 pin 19. Delete wire from E17 pin 06 to bottom of R23. Delete wire from bottom of R23 to E53 pin 04. Add wire from E32 pin 07 to ground feed-thru between C30 and C31. Add wire from bottom of R63 to E17 pin 06. Note that the wording "bottom of" means the end closer to the fingers; "top of" means the end farther from the fingers.
In-plant effectivity -03 rework immediately
Field effectivity -Rework all M7105's in LPS11's
(Time To Install And Test N/A) (Kit Contents -F1032 -FCO/Prints And Parts)