

PROCESSOR TYPE PDP-11 Family

M7278-00001 CODE: P CS: B

APR-73 - PROBLEM 1: Field Service has difficulty finding sources of signals shown on prints. Reference to Wire List is tedious.

CORRECTION 1: Add references to signal sources.

PROBLEM 2: Cover sheet, sheet 2, shows a capacitor, C20, which does not exist.

CORRECTION 2: Delete reference to C20.

CORRECTION 3: Correct drafting errors.

In-plant effectivity -06 documentation change only

M7278-D0002 CODE: F

MAY-73 - PROBLEM: Incorrect etch line position causes lead from E74 pin 8 to pin FF2 to touch E74 pin 7, ground, resulting in parity operation being permanently enabled. This is not detected by the diagnostics.

CORRECTION: Using an Xacto knife, ensure that etch passing from E74 pin 8 to FF2 does not touch E74 pin 7, side 1.

In-plant effectivity -03 -All boards shipped after 6/4/73 shall be inspected for this problem.

Field effectivity -Check, and implement if necessary, on next scheduled maintenance call, and/or if symptoms are present.

(Time To Install And Test .3 Hour.) (Kit Contents -FCO Only)

M7278-D0003 CODE: F CS: C ETCH: C

SEP-73 - PROBLEM: The lead to E74 pin 8 is grounded by contact with E74 pin 7, permanently enabling parity operation. Diagnostics, with the exception of CTP, do not detect this.

CORRECTION: Relay new etch revision "C" board and rework etch revision "B" boards as follows: Ensure that etch running from E74 pin 8 to FF2 does not touch E74 pin 7 on side 1. Do this by running a knife blade between the side 1 pad of E74 pin 7 and the adjacent etch run.

In-plant effectivity -Rework immediately all M7278's in stock; use reworked material until etch revision "C" boards are available.

Field effectivity -Rework all M7278's when symptoms are present or at next PM.

(Time To Install And Test .3 Hour.) (Kit Contents -F1045 -FCO/Prints)