

E1485A/B-02

S E R V I C E N O T E

SUPERSEDES

HP E1485A/B VXI Digital Signal Processor Module

Serial Numbers:E1485A 0000A00000 / 3324A00217
 E1485B 0000A00000 / 3324A00106

New Main Board prevents MODID failures and lock ups during power up tests.

Parts Required:

HP P/N	Description	Qty
E1485-69501	Exchange Main Board for E1485A	1
or		
E1485-69502	Exchange Main Board for E1485B	1

Situation:

Two problems have been found on the Main Board of the E1485A/B. The first is that the RFI fingers around the backplane connectors can short to vias on the board, causing the MODID function to fail. The second is the real time clock intermittently will not start at power up causing the module to lock up during power up tests. Modifications have been made to boards with datecode 3342 and greater to prevent these problems from occurring in the future.

Continued

DATE: November 1993

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR 1.0 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> HP LOCATION	SERVICE INVENTORY:	<input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: DWH	ENTITY: A100	HP RESPONSIBLE UNTIL: November 1995	
		ADDITIONAL INFORMATION:	



Solution/Action:

Perform the following steps:

Section A: Unit disassembly

1. Refer to the disassembly section of the HP E1485A/B Installation and Service Guide for disassembly instructions.
2. Remove the top cover.
3. Remove any option boards installed in positions two and four.
4. Replace the main board with one that has a datecode of 3342 or greater.

Section B: Unit reassembly

1. Refer to the disassembly section of the HP E1485A/B Installation and Service Guide for assembly instructions. Assemble the module in the reverse order of disassembly.

Section B: Verification

1. Connect a terminal to the RS232 port of the E1485A/B with the same baud rate set on both the terminal and the E1485A/B. (refer to the HP E1485A/B Installation and Service Guide for setting the baud rate of the E1485A/B)
2. Set the switch marked EET to the closed position.
3. Turn the power on and check the diagnostic results on the terminal.