

S E R V I C E N O T E

SUPERSEDES: NONE

E1432A 16 Channel 51.2kSa/sec Digitizer plus DSP

Serial Numbers: US00000000 / US37221329

Interface ROM defect causes VME bus hang ups

Duplicate Service Notes:

E1433A-01 Serial Numbers: US00000000 / US37220524

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Description	Quantity
E1432-60329	Interface ROM	1

Situation:

A defect in the VXI interface logic causes VME transfers to hang with various slot zero controllers, particularly Rev G5 E1482B MXI cards.

Continued

DATE: August 1998

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 0.5 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input checked="" type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: DC	ENTITY: A100	AGILENT RESPONSIBLE UNTIL: August 2001	
		ADDITIONAL INFORMATION:	



Solution / Action:

A new VXI interface ROM fixes this problem. The VXI interface ROM (U707) is located on the main PC assembly inside the module. There are two sockets near the modules address DIP switch. U707 is in the socket closest to the VXI backplane connector. Perform the following steps to replace the ROM:

1. Remove the modules top cover.
2. Remove the A41 source assembly (option 1D4) if present.
3. Locate and remove the old VXI interface ROM noting its orientation.
4. Install new E1432-60329 VXI interface ROM.
5. Re-install the A41 source assembly as needed.
6. Re-install the modules top cover.