

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

SN E8482B-01

S E R V I C E N O T E

Supersedes:
NONE

E8482A

Serial Numbers: US41000111 and below

VXI/VME Spec requires support of long word read of status register. MXI-2, E9850/51, and NI embedded PC controllers use NI-VXI driver that does the long word read. This operation buss errors and VXI PnP driver will not work on these interfaces. The following ROM hardware change is required to correct this defect.

To Be Performed By: Agilent-Qualified Personnel or Customer

Parts Required:

P/N E8482-81002 Description U103 ROM on PCA E8482-60002 Qty. 1

IC, Programmed OTP ROM, Memory

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY X ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR: 0.0 Hours	
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE X SERVICE CENTER	SERVICE INVENTORY: <input type="checkbox"/> RETURN X SCRAP \ SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN X SCRAP [] SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: August 10, 2006	
AUTHOR: TMC	PRODUCT LINE: AR		
ADDITIONAL INFORMATION:			

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August 12, 2004

Situation:

The VXI Plug & Play driver will hang on any attempt to communicate with the E8482B when using National Instruments(NI) MXI-2, E9850A/51A, or any NI embedded PC controller. All of these interfaces use the NI-VXI IO library which implements a long word read of the status register in the process of executing all VXI Plug & Play driver functions. A bus error is generated because prior to this firmware change, the firmware did not support long word access of the status register.

Solution/Action:

Replace U103, PN E8482-81001, on PCA E8482-60002 with E8482-81002 and change the ERC code label to 4426 to indicate this change has been made