

S E R V I C E N O T E

SUPERSEDES: 4155A-01

4155A Semiconductor Parameter Analyzer

Serial Numbers: JP00000000 / JP10A00376

04155-66501/04155-69501 CPU Assembly

Replacing CPU board ROMs to fix firmware defects**Duplicate Service Notes:**

4155A-06

4156A-07

To Be Performed By: Agilent-Qualified Personnel**Parts Required:**

Part No.	Qty.	Description
04155-65401	1	ROM Upgrade kit 1.02

Situation:

The firmware revision 1.02 of the 4155A/4156A was released in December 1994. The firmware 1.02 fixes defects found in the firmware revisions 1.00 (first formal release) and 1.01. It also includes several improvements. This firmware update can be implemented in the installed base.

Continued

DATE: February 1995

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:					
MODIFICATION RECOMMENDED					
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS:	Labor 1.0 Hour		
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT	USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		AGILENT RESPONSIBLE UNTIL: March 1997		
AUTHOR: MO	ENTITY: 3300	ADDITIONAL INFORMATION:			

The ADC ROM revision did not change. (Current revision is 1.00.)

Solution/Action:

Replace the following three ROMs on the 04155-66501/04155-69501 CPU Assembly:

ROM	Old Rev (1.00/1.01) P/N	New Rev (1.02) P/N
HOSTC 1/2	04155-85161/85171	04155-85181
HOSTC 2/2	04155-85162/85172	04155-85182
SMUC	04155-85165/85175	04155-85185

The ROM upgrade kit (04155-65401) contains three new revision ROMs plus manual supplement (04155-90905), which explains the new functions available on the firmware 1.02. The ROMs are identical for the 4155A and 4156A. For replacement procedure, see "Replacement Procedures" in the 4155A/4156A Service Manual (PN 04155-90600). To do this replacement, 41501A SMU/PGU Expander for the 4155A/4156A is not necessary.