

4156A-07

S E R V I C E N O T E

SUPERSEDES: 4156A-01

HP 4156A Precision Semiconductor Parameter Analyzer

Serial Numbers: JP00000000 / JP10A00367

04155-66501/04155-69501 CPU Assembly

Replacing CPU board ROMs to fix firmware defects

Duplicate Service Notes: 4155A-06

To be Performed by: HP-qualified personnel

Parts Required:

HP P/N	Qty	Description
04155-65401	1	ROM Upgrade Kit 1.02

Situation:

The firmware revision 1.02 of the HP 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 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> HP LOCATION	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	HP RESPONSIBLE UNTIL: March 1997	
AUTHOR: MO	ENTITY: 3300	ADDITIONAL INFORMATION:	

© 1995 HEWLETT-PACKARD COMPANY
 PRINTED IN U.S.A.



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 HP 4155A and HP 4156A. For replacement procedure, see "Replacement Procedures" in the HP 4155A/4156A Service Manual (HP PN 04155-90600). To do this replacement, HP 41501A SMU/PGU Expander for the HP 4155A/4156A is not necessary.