

S E R V I C E N O T E

SUPERSEDES: NONE

HP 4156A Semiconductor Parameter Analyzer**04155-66501/04155-69501 CPU Assembly**

Serial Numbers: See Duplicate service Notes Below

SMU controller firmware update to use HP 41501B expander**Duplicate Service Notes:**

4155A-12	Serial Numbers	0000A00000/JP10A01089
4156A-13	Serial Numbers	0000A00000/JP10A01174

To be Performed by: HP-qualified personnel**Parts Required:**

HP P/N	Description	Quantity
04155-85225	MUC ROM 1.09	1

Situation:

When an HP 41501B is connected to an HP 4155A/4156A, the following error message is displayed and the SMUs in the HP 41501B are not recognized.

CAUTION 310: Unsupported unit detected in Slot X: (Unit Y). Turn off the power and extract the unit.

Continued

DATE: August 1998

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

MODIFICATION RECOMMENDED

ACTION CATEGORY:	IMMEDIATELY ON SPECIFIED FAILURE AGREEABLE TIME	STANDARDS:	LABOR 1.0 Hours	
LOCATION CATEGORY:	CUSTOMER INSTALLABLE ON-SITE HP LOCATION	SERVICE INVENTORY:	RETURN SCRAP SEE TEXT	USED PARTS: RETURN SCRAP SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	HP RESPONSIBLE UNTIL: August 2000		
AUTHOR: MO	ENTITY: 3300	ADDITIONAL INFORMATION:		

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Solution/Action:

Update the SMU controller (SMUC) firmware to 1.09 by replacing the SMUC ROM on the 04155-66501/04155-69501 CPU Assembly. For replacement procedure, see "Replacement Procedures" in the HP 4155A/4156A Service Manual (HP P/N 04155-90600). The HOSTC firmware revision need not be changed.

ROM	New Revision P/N
SMUC	04155-85225 (1.09)

To do this replacement, HP 41501A SMU/PGU Expander for the HP 4155A/4156A is not necessary.