4156A-03

S	Е	R	V	I	С	Е	Ν	0	Т	I
							SUPERSEDE	ES: None)	
415	6A Pree	cision	Semic	ondu	ctor Pa	ramet	er Analyzer			
Seri	al Numbe	ers: JP00	000000	/ JP10/	A00287					
Rep	pair for S	SMU Se	elftest	/Selfca	alibrati	on Erro	or 10x24			
To E	Be Perform	ned By:	Agilen	t-Qualif	ied Perso	onnel				
Part	ts Require	ed:								
	t No.	Qty.		escript						
	56-69503	1 to 4			Module					
0415	55-66508	1	Ν	lotherbo	oard					
					NOT					
		For the 4 to replace				4155A-()3. You do not no	eed		
The	r. This err						10224, 10324, or xecutions, and m	<i>,</i>	•	
• ;	Power-on Selftest Selfcalibra		ito-Selfe	calibrati	ion)					
								(Continued	
							DATE: Octobe			

SERVICE NOTE CLASSIFICATION:								
	MODIFICATION	RECOMMENDED						
ACTION CATEGORY:	 IMMEDIATELY ON SPECIFIED FAILURE AGREEABLE TIME 	STANDARDS: Labor 1.0 Hour (+2H for motherboard replacement)						
LOCATION CATEGORY:	 CUSTOMER INSTALLABLE ON-SITE SERVICE CENTER 	SERVICE I RETURN USED RETURN INVENTORY: SCRAP PARTS: SCRAP SEE TEXT SEE TEXT						
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: October 1997						
AUTHOR: MN	ENTITY: 3301	ADDITIONAL INFORMATION:						

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Solution/Action:

1. If the failed HRSMU module has the Engineering Date Code (EDC) of less than 3435, replace it. If 3435 or more, go to next step.

The improved HRSMU module has the EDC of 3435 or greater. The EDC is on the label on the bottom cover of the HRSMU module as shown below.

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+-----+

| HP 04156-66503 |

| 33-3435 | "3435" is an EDC.

| ^^^^ |

| 00719-3437 |

| MADE IN JAPAN |

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- 2. Check the EDC's of other HRSMU modules. Replace the module if the EDC is less than 3435.
- 3. If Error 10x24 still occurs and the 4156A Serial Number is JP10A00254 or earlier, replace the Motherboard. If not, do not apply this service note.

The improved Motherboard has the Engineering Date Code (EDC) of 3428 or greater. This Motherboard is used in the 4156A Serial Number JP10A00255 or later.

The EDC label is on the back of the Motherboard. The Motherboard before the improvement does not have the EDC label.

Normally if the Motherboard has the failure, all four HRSMU's should fail with Error 10x24.

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| HP 04155-66508 |
| 33-3428 | "3428" is an EDC.
| ^^^^ |
| 00192-3435 |
| MADE IN JAPAN |
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Service Inventory/Used Parts:

- HRSMU Module: Return

- Motherboard: Scrap