S E R V I C E   N O T E

SUPERSEDES: 4957A-01B

4957A Protocol Analyzer

Serial Numbers: 0000A00000 / 9999A99999

Main board/A1 Assembly

Hi-Speed Option Retrofitting and VT100 Display

Parts Required:

Part No.	Qty.	Description	Old Roms
04957-19049	-1	Sys Boot Lo Spd	(04957-19004/21 old lo spd)
04957-19050	1	Sys Code	(04957-19005/22)
04957-19051	1	Sys Appl	(04957-19006/23)
04957-19052	+1	Sys Boot Hi Spd	(04957-19008/29 old Hi Spd)

Katakana:

Part No.	Qty.	Description	Old Roms
04957-19045	-1	Sys Boot Lo Spd Kat	(04957-19016 old lo spd)
04957-19046	1	Sys Code Kat	(04957-19017)
04957-19047	1	Sys Appl Kat	(04957-19018)
04957-19048	+1	Sys Boot Hi Spd Kat	(04957-19020 old hi spd)

Continued

DATE: 16 February 1994

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
MODIFICATION AVAILABLE		
ACTION CATEGORY:	**AGREEABLE TIME**	■ PERFORMANCE ENHANCEMENT ☐ SERVICE/RELIABILITY ENHANCEMENT
LOCATION CATEGORY:	☐ CUSTOMER INSTALLABLE ☐ ON-SITE ■ SERVICE CENTER	AVAILABLE UNTIL: 01 March 1996
AUTHOR: NB	ENTITY: 3800	ADDITIONAL INFORMATION:

Agilent Technologies

Situation:
The 4957A Option 001 allows the 4957A to capture data at a rate of 256Kbps. This ROM change will allow a standard instrument to be retrofitted with Option 001, 256Kbps data capturing capabilities.

Note:
Take static precautions when handling these parts.
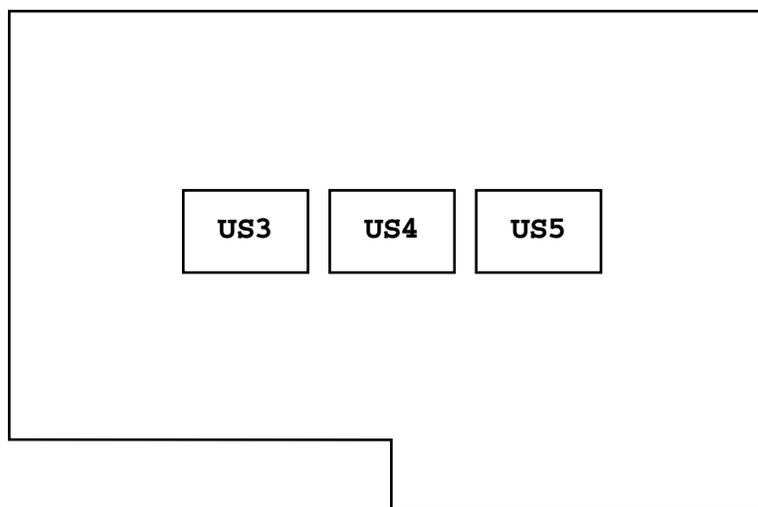
Solution/Action:
Order one of the above ROMs according to the version of the 4957A. If the instrument has an older ROM according to the above, then order three ROMs to effect the change.

Disassemble the 4957A by removing four screws holding the top and bottom cases together to access the ROMs.

WARNING

There are two cables running from the top cover to the main assembly, caution should be taken when removing the top cover.

Lift off the top cover, exposing the main board assembly. Using Figure 1, locate US3. Carefully remove the ROM from its socket, noting its orientation in the socket. Place the new ROM in the socket. Reassemble the instrument. At the Top Level menu, press <More> and <Load Appl>, the HS_Capture application should now be present in ROM. Go back to the main menu by pressing Exit twice. Go into the Self Test menu and run 5 to 10 self-test loops.

```
+---------------------------------------+
|                                       |
|                                       |
|    +-------+  +-------+  +-------+     |
|    |  US3  |  |  US4  |  |  US5  |     |
|    +-------+  +-------+  +-------+     |
|                                       |
|                                       |
|                                       |
+-------------------+                   |
                    +-------------------+
```

(4957 Front)

Figure 1.