

S E R V I C E N O T E

SUPERSEDES: 8751A-22

8751A Network Analyzer

Serial Numbers: 3146J00568 / 3315J00768
3146A00126 / 3315A00263

Modification prevents the 8751A from hanging up or generating an unexpected reset**To Be Performed By:** Agilent-Qualified Personnel**Parts Required:**

| Part No. | Qty. | Description |
|-----------|------|-------------|
| 1820-8885 | 1 | 74ABT573 |

Situation:

If the Date Code of the A1U12 is "92xx" and the Mfr Part Number of the A1U54 is "74F573" or "74BCT573", the address error may occur, which hangs up the 8751A or generates an unexpected reset.

Solution/Action:

Replace the A1U54 with the new one (Mfr Part Number: 74ABT573, Part Number: 1820-8885).

Continued

DATE: 13 June 1994

ADMINISTRATIVE INFORMATION

| | | | |
|---------------------------------|---|---|---|
| SERVICE NOTE CLASSIFICATION: | | | |
| MODIFICATION RECOMMENDED | | | |
| ACTION CATEGORY: | <input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input 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 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: June 1996 |
| AUTHOR: KI | ENTITY: 3355 | ADDITIONAL INFORMATION: | |

Procedure:

1. Disconnect the power cable from the 8751A.
2. Remove the top cover and the shield plate from the 8751A.
3. Remove the A1 board from the 8751A.
4. Check the Date Code of the A1U12 and the Mfr Part Number of the A1U54.
(The Date Code and the Mfr Part Number are printed on each part. See Figure 1.)

If the Date Code of the A1U12 is “92xx” and the Mfr Part Number of the A1U54 is “74F573” or “74BCT573”, proceed to the next step.

5. Remove the old A1U54 (Mfr Part Number: 74F573 or 74BCT573).

Note:

When removing the old A1U54 from the A1 board, be careful not to cut the printed-circuit pattern. to prevent damage to the printed-circuit board, it is recommended that you cut all leads first and then remove each soldered lead one by one.

6. Install the new A1U54 (Mfr Part Number: 74ABT573, Part Number 1820-8885)
7. Reinstall the A1 board in the 8751A.
8. Turn the 8751A ON and confirm the “POWER ON TEST FAILED” message is NOT displayed.
9. Turn the 8751A OFF.
10. Reinstall the shield plate and the top cover on the 8751A.

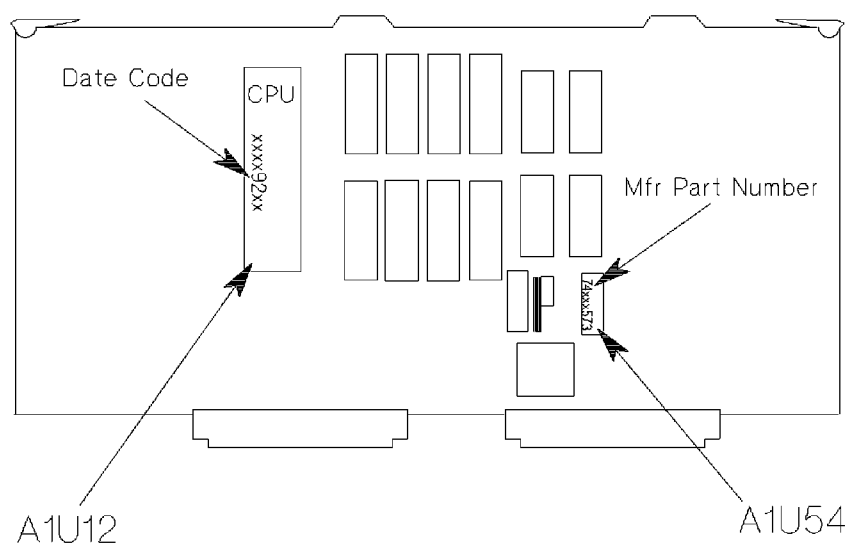


Figure 1. A1 Board Parts Location