

S E R V I C E N O T E

SUPERSEDES: None

87510A Gain-Phase Analyzer

Serial Numbers: 0000J00000 / 3240J00201

Modification prevents the 87510A 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 87510A or generates an unexpected reset.

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:	

Solution/Action:

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

Procedure:

1. Disconnect the power cable from the 87510A.
2. Remove the top cover and the shield plate from the 87510A.
3. Remove the A1 board from the 87510A.
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 87510A.
8. Turn the 87510A ON and confirm the “POWER ON TEST FAILED” message is NOT displayed.
9. Turn the 87510A OFF.
10. Reinstall the shield plate and the top cover on the 87510A.

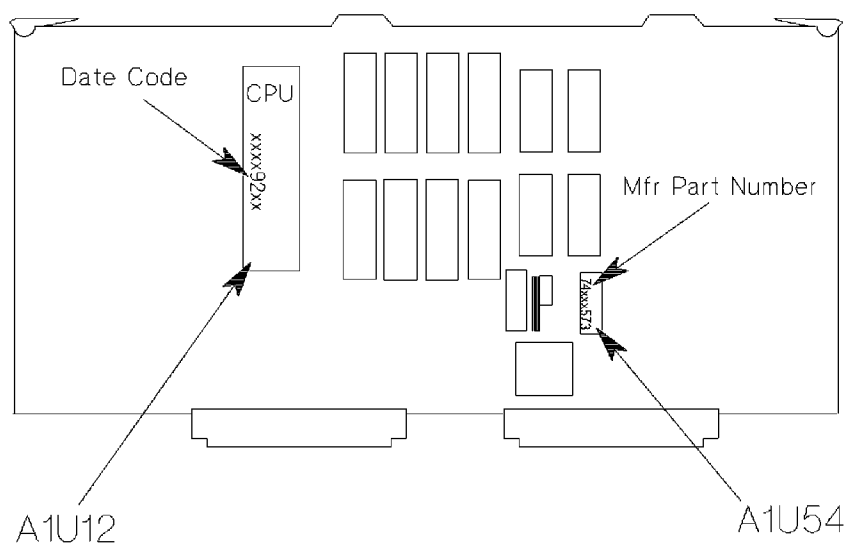


Figure 1. A1 Board Parts Location