E8257D-26B

S E R V I C E N O T E

Supersedes:
E8257D-26A

E8257D Analog Signal Generator

Serial Numbers:
MY00000000/MY49282068, SG00000000/SG49280250 and US00000000/US49280539
MY50420000/MY50420048 and US50420000/US50420017

Intermittent CPU boot-up and/or No display

Parts Required:

P/N	Description	Qty.

None

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

MODIFICATION RECOMMENDED

ACTION CATEGORY: X ON SPECIFIED FAILURE [[]] AGREEABLE TIME	STANDARDS LABOR: 0.5 Hours		
LOCATION CATEGORY: X CUSTOMER INSTALLABLE [[]] ON-SITE X SERVICE CENTER [[]] CHANNEL PARTNER	SERVICE INVENTORY: [[]] RETURN [[]] SCRAP [[]] SEE TEXT	USED PARTS: [[]] RETURN [[]] SCRAP [[]] SEE TEXT	
AVAILABILITY: Always	NO CHARGE AVAILABLE UNTIL 2/2/13		
[[]] Calibration Required X Calibration NOT Required	PRODUCT LINE: 15 AUTHOR: PY		
ADDITIONAL INFORMATION:			

October 15, 2012

Agilent Technologies

Situation:
The clock buffer, U7 on the CPU board (E8251-60006 or E8251-60661 Revision 004 and below), may cause intermittent boot up and/or no display when the instrument is powered up. It is recommended that this modification is performed on any instrument within the serial numbers above that exhibits an intermittent boot-up and/or a blank display.

Solution/Action:
Using the appropriate soldering technique and ESD station, perform a modification on the U7 circuit on the CPU board. Connect U7 pin 8 to 3.4V (wire pin 8 to pin 4) and connect U7 pin 9 to DCOM (wire pin 9 to pin 12).

U7 modification procedure:
1. Refer to E8257D Service Guide for the A18 CPU removal procedure.
2. Refer to Figure 1 for U7.
3. Use 30 AWG wire for wiring pin 8 to pin 4, and pin 9 to pin 12 per Figure 1.
4. Re-install CPU and cover.
5. Run self test.
6. No calibration is required.

Figure 1 U7 wire modification