

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

66321B-07

S E R V I C E N O T E

Supersedes:
None

Agilent 66321B DC Power Supply

Serial Numbers: MY43000563/MY43000683

On faster computers, when programming over GPIB, a random error will occur.

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

| P/N | Description | Qty. |
|-----------|-----------------------|------|
| 0699-3058 | 100 Ohm resistor | 1 |
| 5064-0144 | GPIB Assembly, tested | 1 |

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 Hours | | |
| 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 checked="" 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: obsolescence | | | |
| AUTHOR: MC | PRODUCT LINE: 33 | | | | |
| ADDITIONAL INFORMATION: | | | | | |

© AGILENT TECHNOLOGIES, INC. 2005
PRINTED IN U.S.A.

September 29, 2005



Situation:

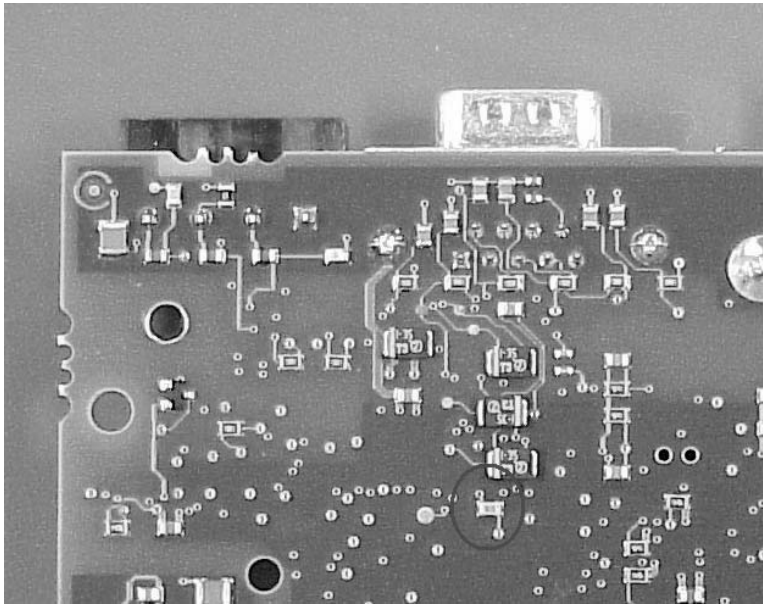
When programming a unit over GPIB, a random error -113 (“Undefined header”) will appear on the unit. This error can be read back via the front panel or over the GPIB bus.

Solution/Action:

There are two potential solutions.

Solution 1

Change resistor R1246 (see picture for location) from 511 Ohms to 100 Ohms (part number 0699-3058). This requires soldering a surface mount component and can be very difficult. This does not require re-calibration.

Solution 2

Replace the entire GPIB assembly (part number 5063-4841) with a newer one that has the 100 Ohm resistor. This will require the unit to be re-calibrated.