

# 54845A-10A

## S E R V I C E N O T E

Supersedes:  
54845A-10

### 54845A Infiniium Oscilloscopes – 8Gsa/s, 4 Ch, 1.5Ghz

Serial Numbers: US00000001- MY40000303

**This Service note is providing instructions for an alternate repair strategy for 54845A Infiniium Scope, when the A13 54845-69527 Exchange board is not available. The 54845-69538 Exchange board can be used in substitution, but will require modification to give the 54845A Runt Trigger capability. The board once modified must be re-labeled to a 54845-69539 board, to track this modification of functionality**

**Parts Required:**

P/N	Description	Qty.
54845-69538	Rebuilt Acquisition Assembly	1
0699-2643	0 Ohm SMT Resistor	1
NA	Label 54845-69539	1
54810-68822	Upgrade Firmware A.4.37	1

### ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

## INFORMATION ONLY

AUTHOR: MR    PRODUCT LINE: 1A

ADDITIONAL INFORMATION: It is very important to re-label the board if this modification is done.

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July 30, 2002

**Situation:**

Infiniiium units 54845A that are in the serial number range US00000001 – MY40000303 were originally sold with Runt Trigger functionality. The exchange board 54845-69527, has been on a LTB situation, and can be unavailable for repairing the 54845A units. The Exchange board 54845-69538, can be used in replacement, but must be modified, to give the unit Runt Trigger Functionality.

**Solution/Action:**

1. Per figure 1, add 0699-2643 0 OHM SMT resistor, to location R2003.
2. Re-label modified Acquisition Assembly to 54845-69539.
3. Upgrade unit application Firmware to A0.4.37, or higher.

Figure 1

