

MODIFICATION RECOMMENDED –  
CORRECTS MANUFACTURING OR DESIGN DEFECTS

**E4374A-01**

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

Supersedes:  
NONE

**E4374A MCCD Charger / Discharger Card**

Serial Numbers: 00000A00000 / US39231775

**E4374A SIMM Module FET's Failing**

To Be Performed By: Agilent-Qualified Personnel or Customer

**Parts Required:**

P/N	Description	Qty.
0699-3987	Resistor R197	1

**ADMINISTRATIVE INFORMATION**

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE  <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR: 0..25 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
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: RJM	PRODUCT LINE: 33	AGILENT RESPONSIBLE UNTIL: Product's Support Life	
ADDITIONAL INFORMATION:			

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July 26, 2002

**Situation:**

E4374A Charger Discharger cards within the mentioned serial number range, and with a resistor R197 value of 100K Ohms. This could cause current oscillations on the 24V Power Bus intermittently at power turn on, thus causing SIMM FET's to fail.

**Solution/Action:**

Return the defective E4374A Charger / Discharger card to the nearest Service Center for an exchange card (p/n E4374-69001).

**Factory Instructions:**

On the E4374A card replace old R197 value 100K Ohms with the new R197 value 51.1K Ohms (p/n 0699-3987). See **PCO 62753**. If associated failures have already occurred, then also replace any defective parts on the card under warranty.