

MODIFICATION RECOMMENDED

34970A-14C

S E R V I C E N O T E

Supersedes:
34970A-14B

34970A - Data Acquisition/Switch Unit

Serial Numbers: MY41017840/MY44024159
SG41007898/SG44000743

Intermittent errors in less than 1% of 34970A's.

Parts Required:

P/N	Description	Qty.
34970-69203	Exchange Unit for SN starting with SG	1
OR		
34970-69222	Exchange Unit for SN starting with MY	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<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 <input type="checkbox"/> CHANNEL PARTNER	SERVICE INVENTORY: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL: June 2011	
AUTHOR:	SM	PRODUCT LINE: SP	
ADDITIONAL INFORMATION:			

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PRINTED IN U.S.A.

November 12, 2010

Rev. 17



Situation:

Less than 1% of 34970-61604(P100 Cables) in the field were suffering from intermittent connection problems. The connection problem occurs at the DIP connector that is soldered into the PCB.

The connection problem causes fluctuating measurements and/or various intermittent self test errors in the 34970A.

**Intermittent self test errors most commonly caused by the connection problems are:
604 – 619, 622, 623, 740 – 749.**

Solution/Action:

Contact your local Agilent Service Center to arrange to have your instrument exchanged.

****Note**

This only applies to 34970A units containing an internal DMM. Units with Option 001 are not affected by this service note.