

S E R V I C E N O T E

SUPERSEDES: NONE

4268A 120Hz/1KHz Capacitance Meter

Serial Numbers: JP1KF00000 / JP1KF00196

Modification to prevent missing an external trigger signal.**To Be Performed By:** Agilent-Qualified Personnel**Parts Required:**

Part Number	Description	Quantity
0699-2973	SMD Resistor 215 ohm	1

Tools Required:

Screwdriver (+) pt size #1(small)
Soldering iron
Solder

Situation:

A trigger may not be generated even though a correct external trigger signal (less than 0.5 V TTL low level) is inputted to the 4268A, due to insufficient margin for TTL signal threshold level.

Continued

DATE: January 2000

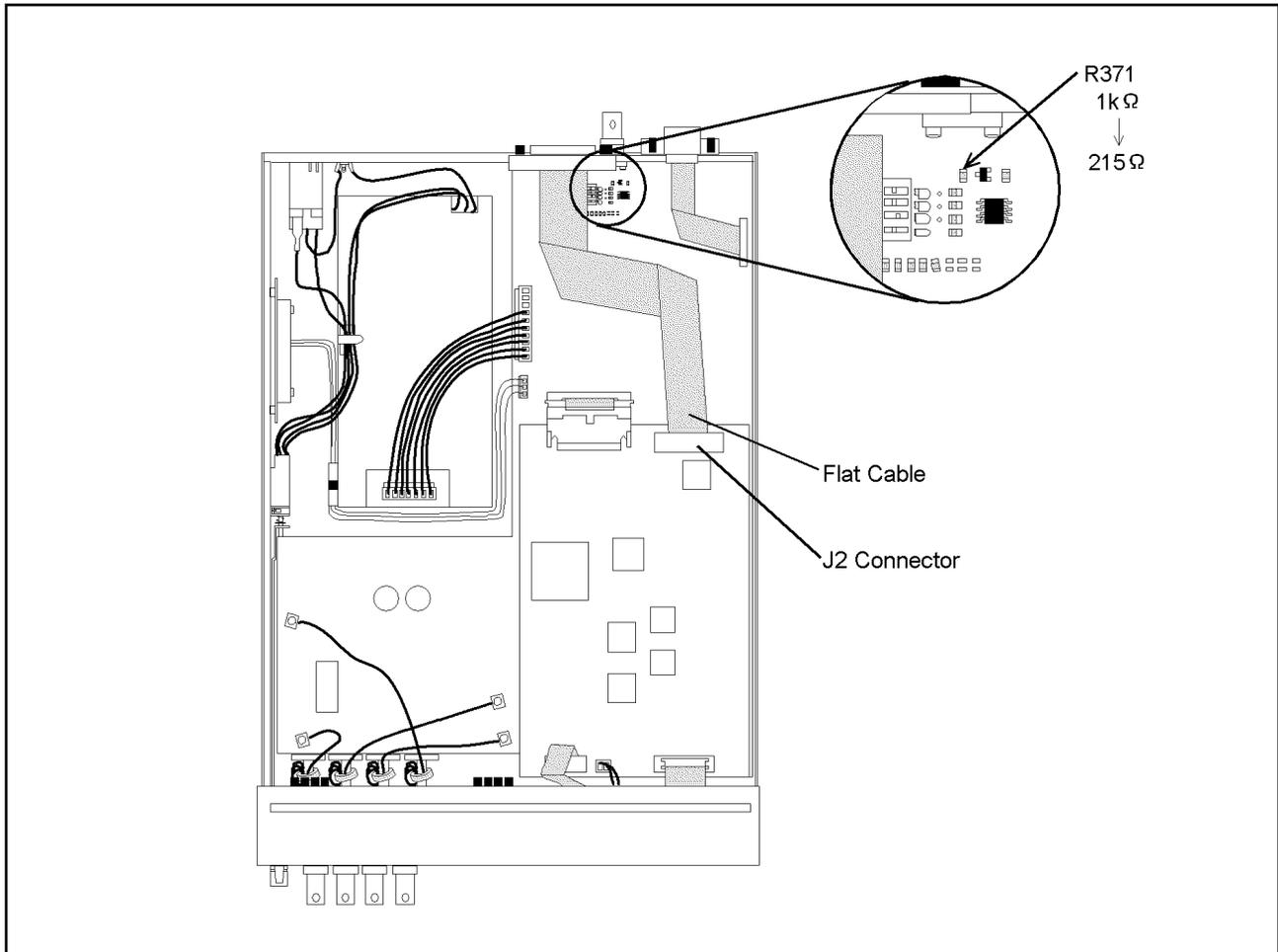
ADMINISTRATIVE INFORMATION

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 0.5 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: February 2002		
AUTHOR: HM	ENTITY: EPSG		ADDITIONAL INFORMATION:		



Solution / Action:

This problem will be corrected by replacement of a SMD resistor. See Figure 1 and perform as following steps to replace the R371 1 kohm SMD resistor on A1 board with a 215 ohm one.



sn4268a01

Figure 1

1. Remove the outer cover.
 - 1-1. Disconnect the power cable.
 - 1-2. Remove the 2 outer cover screws from the rear panel.
 - 1-3. Slide off the outer cover toward the rear.
2. Disconnect a Flat cable from the J2 connector to make a working area.
3. Remove the R371 1 kohm SMD resistor.
4. Solder the 215 ohm SMD resistor in place of original one.
5. Connect the Flat cable to J2 connector.
6. Install the outer cover and tighten the screws.