

S E R V I C E N O T E

SUPERSEDES: None

6035A Autoranging DC Power Supply

Serial Numbers: 0000A00000 / 3211A00297

Prevent Spurious High Frequency Down Programmer FET Oscillations

Duplicate Service Notes:

6015A-03

6035A-04

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

9170-0894 Magnetic Shielding Bead

Situation:

The downprogrammer power FET A5Q1 may exhibit spurious high frequency oscillations when the power supply output voltage is decreased at a slow slew rate.

Solution/Action:

Add magnetic shield bead, part number 9170-0894, to the gate lead of A5Q1 power FET. The magnetic bead should be inserted on the gate lead after inserting the teflon insulator. See figure 1.

Note: This modification must be performed at a static safe workstation.

Continued

DATE: 12 March 1992

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 Hour
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 type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: BH	ENTITY: 2100	AGILENT RESPONSIBLE UNTIL: 12 March 1994	
		ADDITIONAL INFORMATION:	

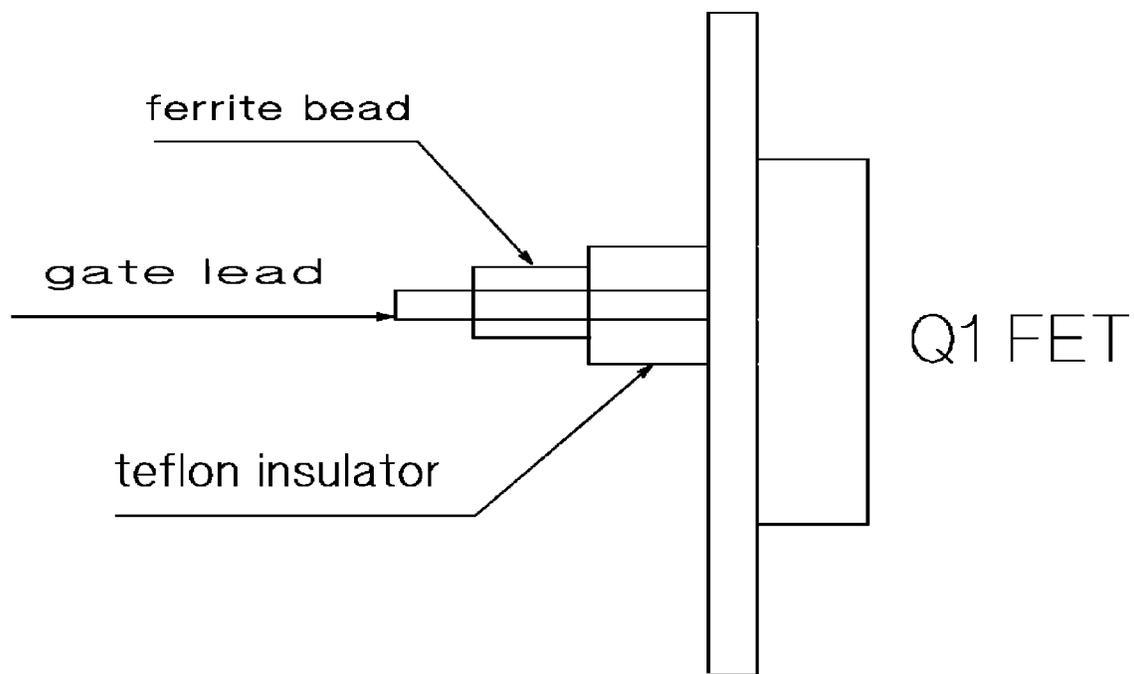


FIGURE 1