

S E R V I C E N O T E

SUPERSEDES: NONE

4278A 1kHz/1MHz CAPACITANCE METER

Serial Numbers: 2936J06830 / 2936J06992

Firmware upgrade to prevent "Syntax Error" after sending GPIB command

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Description	Quantity
04278-86007	ROM Set Rev 3.30	1

Situation:

This problem occurs on the 4278A with the GPIB board 04284-66520 and the firmware Rev 3.20. "Syntax Error" is displayed in the LCD when sending repeatedly plural GPIB commands with EOI and no LF code. For example, this message is displayed when the following BASIC program runs.

```
10 SEND 7;UNT UNL MTA LISTEN 17 DATA "MPAR2" END
20 SEND 7;DATA "MPAR1" END
30 END
```

Solution / Action:

Replace ROM set with the 04278-86007. Neither adjustment nor performance test is required.

DATE: January 1999

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 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: HM	ENTITY: 3355	AGILENT RESPONSIBLE UNTIL: January 2001	
		ADDITIONAL INFORMATION:	