

4287A-11

S E R V I C E N O T E

Supersedes:
NONE

4287A RF LCR Meter, 1MHz to 3GHz

**Serial Numbers: JP1KG00001- JP1KG99999, JP2KG00001-JP2KG99999,
MY43200001-MY43299999**

Digital Motherboard Part Number change

Parts Required:

P/N	Description	Qty.
-----	-------------	------

Refer to the table 1-1 on details.

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:	
INFORMATION ONLY	
<input checked="" type="checkbox"/> Calibration Required	PRODUCT LINE: WN
<input type="checkbox"/> Calibration NOT Required	AUTHOR: LS
ADDITIONAL INFORMATION: 4287A Digital Motherboard Part Number change	

© AGILENT TECHNOLOGIES, INC. 2014
PRINTED IN U.S.A.

January 21, 2014

Rev. 21



Situation:

For 4287A (serial prefix of JP1KG, JP2KG, and MY432), due to the part discontinuance by motherboard manufacturer, the **E4991-61020** A20 ATX DIGITAL MOTHER BOARD is no longer supplied.

Solution/Action:

Note: Refer to 4287A service guide Chapter 7 -Replacement procedure and Chapter 8-Post repair procedures for details.

Since this involves HDD replacement, please inform customer to perform data-backup before the instrument is sent to SSU for repair.

For 4287A (serial prefix of JP1KG, JP2KG, and MY432) operating on Microsoft Windows 98, there is no direct replacement for **E4991-61020** A20 ATX DIGITAL MOTHER BOARD.

The alternative replacement strategy would to replace the **E4991-61020** A20 ATX DIGITAL MOTHER BOARD with **04287-62003** A20 ATX DIGITAL MOTHER BOARD.

In ensuring the hardware compatibility of the **04287-62003** on 4287A of (JP1KG, JP2KG and MY432) instruments, it is compulsory to replace the following parts as they are mutually dependent.

For 4287A (serial prefix JP1KG/ JP2KG/ MY432) –Microsoft Windows 98

E4991-61020 will be replaced by **04287-62003**. However, since this is not a one-to-one direct replacement, there are a number of parts needs to be replaced together as they are mutually dependent. The HDD is required to be replaced as the original HDD would not contain the required drivers and configurations in order for the instrument to operate on the new **04287-62003** A20 ATX DIGITAL MOTHER BOARD. Similarly it is applicable to A21 Analog I/F Board and A24 GPIB Board as well.

Table 1-1

PN	Description
04287-62003	A20 ATX DIGITAL MOTHER BOARD
04287-66531	A21 Analog I/F board
04287-61009	A24 GPIB Board
04287-82101	HDD Installed
9010-0262	Win2k License COA label
04287-01270	Rear I/O panel
04287-16000	Recovery Disc
04287-90190	Service manual [for Ghost recovery procedure]
04287-01210	Cover slot

For 4287A (serial prefix MY433) – Microsoft Windows 2000

No change in support parts strategy.

Purchase **04287-62003** alone in replacing the motherboard. Refer to service guide for details.

Revision History:

Revision Number	Date	Author	Reason For Change
1.0	Jan 20, 2014	LS	As published