4279A-03A

S E R V I C E   N O T E

Supersedes:
4279A-03

Agilent 4279A 1 MHz C-V Meter

Serial Numbers: 0000J00000 / 9999J99999

New Part Numbers for CPU Board and EEPROM

Parts Required:
See Solution / Action

To Be Performed By: Agilent-Qualified Personnel

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:
INFORMATION ONLY
AUTHOR: H.O   PRODUCT LINE: WN
ADDITIONAL INFORMATION:

Agilent Technologies

February 10, 2003

Situation:
The CPU board used in the 4279A was obsoleted and replaced with a new CPU board. The old CPU board is not available any more. When the CPU board is defective, use the new replacement CPU board (P/N:04278-66667 or 04278-69667).

New EEPROM compatible with the new CPU board is also set up. The new EEPROM can be used for the new CPU board only.

Solution/Action:
When replacing the CPU board or EEPROM, use the replacement parts specified below:

1. Parts required when replacing the CPU board or EEPROM

Part Number	Qty	Description
04278-66667[1]	1	4279A A7 CPU board without ROM
04278-69667	1	4279A A7 CPU board without ROM (Exchange)
5183-4149	2	EEPROM

2. Compatibility between the CPU boards and EEPROMs

Description	Old Part Number	New Part Number
A7 CPU board without ROM	04278-66657[2]	04278-66667[3]
A7 CPU board without ROM (Exchange)	04278-69657[4]	04278-69667[3]
EEPROM	1818-5719[5]	5183-4149[6]

3. Post repair procedure

The following adjustment is required after the EEPROM is replaced.
- UPDATING CALIBRATION DATA

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[1] The part number 04279-66567 is an original A7 CPU board.
[2] Without ROM SET(04279-86103) / With 2 EEPROMs(1818-5719)
[3] Without ROM SET(04279-86103) / With 2 EEPROMs(5183-4149)
[4] Without ROM SET(04279-86103) / Without 2 EEPROMs(1818-5719)
[5] Can be distinguished with the manufacturer part number HN58V65AP-10 on the top of the EEPROM and can not be used with the 04278-66667 or 04278-69667
[6] Can be distinguished with the manufacturer part number HN58V66AP-10 on the top of the EEPROM and can not be used with the 04278-66657 or 04278-69657