

4276A-06A

S E R V I C E N O T E

SUPERSEDES: 4276A-06

4276A LCR Meter

Serial Numbers: 0000J00000 / 9999J99999

Repair Method for the A1 Logic Board

Situation:

The following A1 Logic Boards can no longer be assembled, because ICs used on the board have been obsoleted.

- 04276-66501 Standard
- 04276-66515 Option H05, H06, H07, or H08

A new A1 board (P/N 04276-66511) is in HP 4276As with serial number 2830J03444 and above, but P/N 04276-66511 is for manufacturing only. Don't order P/N 04276-66511. A ROM-less A1 board is available instead of P/N 04276-66511.

Continued

DATE: February 1995

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
INFORMATION ONLY		
AUTHOR:	ENTITY:	ADDITIONAL INFORMATION:
MH	3355	

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Solution/Action:

When the A1 logic board is faulty and component level repair is considered to be impossible, follow the repair method described next.

Procedure:

1. Order the following parts.

HP P/N	Qty.	Description
04276-66611	1	ROM-less A1 Board
04276-85101	1	PROM
1820-4356	1	IC-uPD8253-5

2. Install P/N 04276-85101 at position U5 on the ROM-less A1 board.
3. Install P/N 1820-4356 at position U40 on the ROM-less A1 board.
4. If the HP 4276A has Option H05, H06, H07 or H08, set A1S1-3 to ON.
5. Replace a faulty A1 Logic Board with the new board.

NOTE

The P/N 04276-66611 on which the two ICs (U5 and U40) are installed is electrically equivalent to the P/N 04276-66511.