

**8751A-08**

**S E R V I C E N O T E**

SUPERSEDES

None

**HP 8751A Network Analyzer**

**Serial Numbers:** 0000J00000/9999J99999

**Replacement Procedure for A1/A2 Digital Boards**

**Situation:**

The HP 8751A has two digital boards (A1 and A2) whose replaceable parts are divided into two groups: ROM-less A1/A2 boards and their ROMs. This protects from mismatching ROM versions between the replacement board and the defective board. This can also cause confusion when replacing a down digital board.

*Continued*

DATE: 1 June 1991

**ADMINISTRATIVE INFORMATION**

SERVICE NOTE CLASSIFICATION:

**INFORMATION ONLY**

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TM

ENTITY:

3355

ADDITIONAL INFORMATION:

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**Solution/Action:**

You should take the following steps when replacing a down A1 or A2 digital board.

1. To replace a down A1 digital board:

- (1) When a digital board with part number 08751-66501, -66601, or -69601 is defective:

- 1) Order one of the following parts from HP.

P/N 08751-66601 Non-exchange ROM-less A1 board  
P/N 08751-69601 Exchange ROM-less A1 board

- 2) When you receive a ROM-less A1 board, remove the ROMs, and EEPROMs from the down A1 board. If eight RAMs are installed in the RAM sockets on the down A1 board, remove the RAMs also. Then install them into the same positions on the ROM-less A1 board.

- 3) Set all jumpers/bit switches on the A1 board to the same positions as on the down A1 board (especially Bit Switch A1J8).

- 4) Return the down A1 board without the ROMs/RAMs to HP for credit under the terms of the rebuilt-exchange assembly program when you purchase the exchange board (P/N 08751-69601).

- (2) When a digital board with part number 08751-66521, -66621, or -69621 is defective:

- 1) Order one of the following parts from HP.

P/N 08751-66621 Non-exchange ROM-less A1 board  
P/N 08751-69621 Exchange ROM-less A1 board

- 2) When you receive the ROM-less A1 board, remove the ROMs, and EEPROMs from the down A1 board. Install them into the same positions on the ROM-less A1 board.

- 3) Set all jumpers/bit switches on the ROM-less A1 board to the same positions as on the down A1 board (especially A1J8 Bit Switch).

- 4) Return the down A1 board without the ROMs to HP for credit under the terms of the rebuilt-exchange assembly program when you purchase the exchange board (P/N 08751-69621).

2. To replace a down A2 digital board (the A2 part number is 08751-66502, -66602, or -69602),
  - 1) Order one of the following parts from HP.

P/N 08751-66602 Non-exchange A2 ROM-less board  
P/N 08751-69602 Exchange A2 ROM-less board
  - 2) When you receive the ROM-less A2 board, remove the ROMs from the down A2 board and install them into the same positions on the ROM-less A2 board.
  - 3) Return the down A1 board without the ROMs/RAMs to HP for credit under the terms of the rebuilt-exchange assembly program when you purchase the exchange board (P/N 08751-69602).