S E R V I C E N O T E

SUPERSEDES: None

HP E4250A acceSS7 Signaling Monitoring System
HP E4251A acceSS7 Measurement Cardcage
HP E4254A acceSS7 Interface Processor Card

Serial Numbers: 0000U00000/9999U99999

Compatability With 60ns RAM SIMM Memory Modules

Parts Required: None

Situation:

All E4254A Interface Processor Cards (IFPCs) are fitted with 70ns RAM SIMM Memory Modules (Note: 70ns represents the RAM access time).

E4254A option ANB fitted with 70ns 16M SIMM (HP Part No. 1818-5621)
E4254A option ANC fiited with 70ns 32M SIMM (HP Part No. 1818-5622)

Some manufacturers now supply SIMM modules with access time of 60ns. The 60ns SIMM module is not identified correctly by IFPCs at firmware version A.01.07 or earlier. (IFPC Firmware Version A.01.07, ROM labeled "E4254-80001")

Continued

DATE: March 1997

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
INFORMATION ONLY		
AUTHOR:	ENTITY:	ADDITIONAL INFORMATION:
GC	E600	

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The 16M IFPC (option ANB) is fully functional with the 60ns SIMM. However, when using the acceSS7 Test Shell, the 60ns SIMM memory size is incorrectly displated as "0M" instead of "16M".

The 32M IFPC (option ANC) is NOT functional with the 60ns SIMM. When using the acceSS7 Test Shell, the 60ns SIMM memory size is incorrectly displayed as "2M" instead of "32M".

Solution/Action:

Use only HP replacement SIMM parts:

16M SIMM: 1818-5621
32M SIMM: 1818-5622

Where this is not possible, use only 70ns replacement SIMM parts. To identify the SIMM access time, check the ending of the manufacturers part number:

"-6" or "-60" for 60ns parts;
"-7" or "-70" for 70ns parts; and
"-8" or "-80" for 80ns parts.

After changing any IFPC RAM SIMM, verify correct RAM operation via the E4251A acceSS7 Test Shell.

16M RAM SIMM: Verify the Test Shell IFPC memory size is "16M"; (60ns part will display memory size of "0M".)

32M RAM SIMM: Verify the Test Shell IFPC memory size is "32M"; (60ns part will display memory size of "2M".)