



Tech Info Library

ProDOS: The Machine Identification Byte

The environment is checked when ProDOS is booted, constructing the machine identification (MACHID) byte stored at \$BF98 (49048). Programs operating in the ProDOS environment save time and space by referring to this byte when necessary; the MACHID byte identifies these system attributes:

Bits 7-6: 00=II; 01=II+; 10=IIe; 11=III Emulation

Bits 5-4: 00=Unused; 01=48K; 10=64K; 11=128K

Bits 3-2: Reserved for future definition

Bit 1: 1=80-column card; 0=None

Bit 0: 1=Thunderclock or equivalent; 0=None

Apple Technical Communications

Keywords: <None>

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This information is from the Apple Technical Information Library.

19960215 11:05:19.00

Tech Info Library Article Number: 227