## ProDOS: The Machine Identification Byte

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Revised:        10/23/84
Security:       Everyone
```

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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


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