Macintosh SE FDHD Upgrade Kit: Fujitsu ROM Pin 1 ID (9/95)

Article Created: 11 February 1992
Article Review/Updated: 15 September 1995

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TOPIC --

I have a Macintosh SE FDHD Upgrade Kit with a ROM manufactured by Fujitsu. I
can't locate pin 1 because the ROM doesn't have any industry-standard pin 1
marking.

DISCUSSION --

The Fujitsu ROMs have identifying markings to help you locate pin 1. Instead of
a small dot or indentation in the ROM housing, a thin line is printed below the
vendor and part number information. The line is the full width of the ROM
chip.

To identify pin 1, rotate the ROM so that the vendor and part number information
can be read easily (see graphic below) and locate the thin line printed
horizontally across the ROM. The pin on the far left side of and closest to the
line is identified as pin 1. The pin on the far right side is identified as pin
14.

Begin_Graphic

```
               Graphic Depiction of FDHD ROM:


                 28                       15
               I-+-+-+-+-+-+-+-+-+-+-+-+-+-I
               |  F  Japan      ®Fujitsu '89 |
               |  831000-20     ®Apple '89   |
               |  9130 T16                   |
               |  342-0702                   |
               |─────────────────────────────|
               I-+-+-+-+-+-+-+-+-+-+-+-+-+-I
                1                        14
```

End_Graphic

This upgrade has been discontinued.

Article Change History:
15 Sep 1995 - Revised to show discontinued upgrade.

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Keywords: <None>

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19960215 11:05:19.00

Tech Info Library Article Number: 9920