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Softcard III: Accessing Apple III system clock under CP/M

The Apple III clock is accessible from machine language under CP/M. There are two call addresses in BIOS used to read and set the clock. Both use a common 18 byte area for returning the Date/Time or for setting the clock. If no clock is installed, the byte at 0DFE0H is 00H.

To Set Clock: Call 0DF89H

To Read Clock: Call 0DF86H

Example: Friday, March 21, 1982, 1:27 PM and 41.234 seconds is represented as the ASCII string: "198203216132741234".

	Addresses	Hex	ASCII
Year:	0DFE0H	31	(1)
	0DFE1H	39	(9)
	0DFE2H	38	(8)
	0DFE3H	32	(2)
Month:	0DFE4H	30	(0)
	0DFE5H	33	(3)
Day:	0DFE6H	32	(2)
	0DFE7H	31	(1)
Day of week:	0DFE8H	36	(6) (1=Sunday)
Hour:	0DFE9H	31	(1)
	0DFEAH	33	(3)
Minute:	0DFEBH	32	(2)
	0DFECH	37	(7)
Second:	0DFEDH	34	(4)
	0DFEEH	31	(1)
Tenths:	0DFEFH	32	(2)
Hundredths:	0DFF0H	33	(3)
Thousands:	0DFF1H	34	(4)

Apple Tech Notes

Keywords: <None>

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