

Table F-6* (continued)
Display soft switches

Name	Action	Hex	Function
HIRES	R/W	\$C057	On: if TEXT off, display high-resolution or, if DHIRES on, double high-resolution graphics
RDHIRES	R7	\$C01D	Read HIRES switch (1 = on)
IOUDIS	W	\$C07E	On: disable IOU access for addresses \$C058 to \$C05F; enable access to DHIRES switch [†]
IOUDIS	W	\$C07F	Off: enable IOU access for addresses \$C058 to \$C05F; disable access to DHIRES switch [†]
RDIUDIS	R7	\$C07E	Read IOUDIS switch (1 = off) [‡]
DHIRES	R/W	\$C05E	On: if IOUDIS on, turn on double high-resolution
DHIRES	R/W	\$C05F	Off: if IOUDIS on, turn off double high resolution
RDDHIRES	R7	\$C07F	Read DHIRES switch (1 = on) [‡]
VBL	R7	\$C019	Vertical blanking

* Table 2-9

[†] The firmware normally leaves IOUDIS on. See also †.

[‡] Reading or writing any address in the range \$C070–\$C07F also triggers the paddle timer and resets VBLINT (Chapter 7).

Note: *W* means write anything to the location, *R* means read the location, *R/W* means read or write, and *R7* means read the location and check bit 7.

Table F-7*
Monitor firmware routines

Location	Name	Description
\$C305	BASICIN	With 80-column firmware active, displays solid, blinking cursor; accepts character from keyboard
\$C307	BASICOUT	Displays a character on the screen; used when the 80-column firmware is active (Chapter 3)