

Table 2-9 (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*
RDIODIS	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	\$C091	Vertical blanking

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.

* 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).

❖ *By the way:* You may not need to deal with these functions by reading and writing directly to the memory locations in Table 2-9. Many of the functions shown here are selected automatically if you use the display routines in the various high-level languages on the Apple IIe.