

APPLE IIe Auxiliary Memory Softswitches

MEMORY MANAGEMENT SOFT SWITCHES

\$C000	W	80STOREOFF	Allow page2 to switch video page1 page2
\$C001	W	80STOREON	Allow page2 to switch main & aux video memory
\$C002	W	RAMRD0FF	Read enable main memory from \$0200-\$BFFF
\$C003	W	RAMDRON	Read enable aux memory from \$0200-\$BFFF
\$C004	W	RAMWRTOFF	Write enable main memory from \$0200-\$BFFF
\$C005	W	RAMWRTON	Write enable aux memory from \$0200-\$BFFF
\$C006	W	INTCXROMOFF	Enable slot ROM from \$C100-\$CFFF
\$C007	W	INTCXROMON	Enable main ROM from \$C100-\$CFFF
\$C008	W	ALTZPOFF	Enable main memory from \$0000-\$01FF & avl BSR
\$C009	W	ALTZPON	Enable aux memory from \$0000-\$01FF & avl BSR
\$C00A	W	SLOT3ROMOFF	Enable main ROM from \$C300-\$C3FF
\$C00B	W	SLOT3ROMON	Enable slot ROM from \$C300-\$C3FF

VIDEO SOFT SWITCHES

\$C00C	W	80COLOFF	Turn off 80 column display
\$C00D	W	80COLON	Turn on 80 column display
\$C00E	W	ALTCHARSETOFF	Turn off alternate characters
\$C00F	W	ALTCHARSETON	Turn on alternate characters
\$C050	R/W	TEXTOFF	Select graphics mode
\$C051	R/W	TEXTON	Select text mode
\$C052	R/W	MIXEDOFF	Use full screen for graphics
\$C053	R/W	MIXEDON	Use graphics with 4 lines of text
\$C054	R/W	PAGE2OFF	Select panel display (or main video memory)
\$C055	R/W	PAGE2ON	Select page2 display (or aux video memory)
\$C056	R/W	HIRESOFF	Select low resolution graphics
\$C057	R/W	HIRESON	Select high resolution graphics

SOFT SWITCH STATUS FLAGS

\$C010	R7	AKD	1=key pressed	0=keys free	(clears strobe)
\$C011	R7	BSRBANK2	1=bank2 available	0=bank1 available	
\$C012	R7	BSRREADRAM	1=BSR active for read	0=\$D000-\$FFFF active	
\$C013	R7	RAMRD	0=main \$0200-\$BFFF active reads	1=aux active	
\$C014	R7	RAMWRT	0=main \$0200-\$BFFF active writes	1=aux writes	
\$C015	R7	INTCXROM	1=main \$C100-\$CFFF ROM active	0=slot active	
\$C016	R7	ALTZP	1=aux \$0000-\$1FF+auxBSR	0=main available	
\$C017	R7	SLOT3ROM	1=slot \$C3 ROM active	0=main \$C3 ROM active	
\$C018	R7	80STORE	1=page2 switches main/aux	0=page2 video	
\$C019	R7	VERTBLANK	1=vertical retrace on	0=vertical retrace off	
\$C01A	R7	TEXT	1=text mode is active	0=graphics mode active	
\$C01B	R7	MIXED	1=mixed graphics & text	0=full screen	
\$C01C	R7	PAGE2	1=video page2 selected or aux		
\$C01D	R7	HIRES	1=high resolution graphics	0=low resolution	
\$C01E	R7	ALTCHARSET	1=alt character set on	0=alt char set off	
\$C01F	R7	80COL	1=80 col display on	0=80 col display off	