VIC-20 KERNAL Function Calls

Function	Address	In .P	In .A	In .X	In .Y	Out .P	Out .A	Out .X	Out .Y	ST
ACPTR	$FFA5						DATA		m	Y
CHKIN	$FFC6			LF		Cb=ERR	ERR		m	
CHKOUT	$FFC9			LF		Cb=ERR	ERR		m	
CHRIN	$FFCF						DATA		m	Y
CHROUT	$FFD2		DATA							Y
CIOUT	$FFA8		DATA				m			Y
CLALL	$FFE7						m	m		
CLOSE	$FFC3		LF				m		m	
CLRCHN	$FFCC						m		m	
GETIN	$FFE4						DATA		m	
IOBASE	$FFF3							ADDR_L	ADDR_H	
LISTEN	$FFB1		DEV				m			Y
LOAD	$FFD5		LD/VFY	SADDR_L	SADDR_H	Cb=ERR	ERR	EADDR_L	EADDR_H	Y
MEMBOT	$FF9C	Cb=0		ADDR_L	ADDR_H					
MEMBOT	$FF9C	Cb=1						ADDR_L	ADDR_H	
MEMTOP	$FF99	Cb=0		ADDR_L	ADDR_H					
MEMTOP	$FF99	Cb=1						ADDR_L	ADDR_H	
OPEN	$FFC0					Cb=ERR[1]	ERR[1]	m	m	Y
PLOT	$FFF0	Cb=0		XPOS	YPOS		m			
PLOT	$FFF0	Cb=1						XPOS	YPOS	
RDTIM	$FFDE						CLK_H	CLK_M	CLK_L	
READST	$FFB7						ST[2]			0[3]
RESTOR	$FF8A						m	m	m	
SAVE	$FFD8		(SADDR)	EADDR_L	EADDR_H	Cb=ERR	ERR	m	m	Y
SCNKEY	$FF9F						m	m	m	

Function	Address	In .P	In .A	In .X	In .Y	Out .P	Out .A	Out .X	Out .Y	ST
SCREEN	$FFED							XMAX	YMAX	
SECOND	$FF93		SA | $60				m			Y
SETLFS	$FFBA		LF	DEV	SA					
SETMSG	$FF90		MFLAGS				m			
SETNAM	$FFBD		LEN	ADDR_L	ADDR_H					
SETTIM	$FFDB		CLK_H	CLK_M	CLK_L					
SETTMO[4]	$FFA2		TOUT							
STOP	$FFE1					Zb=1[5]	SCAN		m	
TALK	$FFB4		DEV				m			Y
TKSA	$FF96		SA | $60				m			Y
UDTIM	$FFEA						m	m		
UNLSN	$FFAE						m			Y
UNTLK	$FFAB						m			Y
VECTOR	$FF8D	Cb=0		ADDR_L	ADDR_H		m	m		
VECTOR	$FF8D	Cb=1		ADDR_L	ADDR_H		m	m		

Notes

1. Calling OPEN for an RS-232 device (2) always returns Cb=1 and .A=$F0

2. Calling READST when the current device is RS-232 (2) always returns .A=$00

3. Calling READST when the current device is RS-232 (2) causes RSSTAT to be set to $00

4. Calling SETTMO has no effect on the timeout used for serial devices (>=4)

5. STOP returns Zb=1 if the STOP key is pressed