VIP2K Monitor Program Ver. 1.4 and CHIP8 Memory Map 1/2/2019		
Address 0000 - 7FFF 8000 - E7BF E7C0 - E7FF E800 - FEF7 FEF8 - FEFF FF00 - FFFF	EPROM/ROM contains VIP2K Monitor Program Ver. 1.4 User RAM and STACK memory Monitor Program's protected memory for its variables Video Memory Monitor Program's protected memory for its variables Reserved for CHIP8 variables	
Monitor Variables 0FEF0 0FEF1 0FEF8 0FEF9 0FEFA 0FEFB 0FEFC 0FEFD	Storage for current Line number Storage for current Column number Scroll: 00h = Scroll ON, any non-zero value = Scroll OFF Storage for keyboard input Storage for Keyboard Timer Storage for HI order Interrupt Timer Storage for LO order Interrupt Timer CHIP8 load variable. 80h=file loaded, 00h=No file loaded	
CHIP8 Memory M 8000 - 81FF 8200 - 8FFF E800 - EC77 E800 - E8CF E84E - EB8D EB8E - EBF5 EBF6 - EC77	Not used, but in theory could be used for CHIP8 code CHIP8 user space Video RAM Top 8 lines, not used by CHIP8, should always be 0 CHIP8 video screen for 3x5 pixel format Bottom 4 lines normally used by CHIP8 for games like Pon Bottom border lines, should always be 0	

0_00 0	erm e aser space
E800 - EC77	Video RAM
E800 - E8CF	Top 8 lines, not used by CHIP8, should always be 0
E84E - EB8D	CHIP8 video screen for 3x5 pixel format
EB8E - EBF5	Bottom 4 lines normally used by CHIP8 for games like Pong
EBF6 - EC77	Bottom border lines, should always be 0
E8D0 - EC0F	CHIP8 video screen for 2x4 pixel format
E800 - E84D	Top 3 lines, not used by CHIP8, should always be 0
EC10 - ECF9	Bottom 9 lines normally used by CHIP8 for games like Pong
ECFA - ED95	Bottom border lines, should always be 0
FF00 - FF9F	Key Mapping table
FFA0 - FFA4	CHIP8 identifier text
FFA8	Speed, 0 to 0x30 in steps of 6
FFA9	Screen resolution, $0 = large$ with $3x5$ pixel size,
	non-zero = small with 2x4 pixel size
FFB2 - FFCF	Jump table for CHIP8 instructions
FFEO - FFEF	CHIP8 variables V0-VF
FFF0 - FFF3	Graphic scratch area
FFFQ	Keyboard code

Keyboard code CHIP8 counter, counts down to 0 from value set by CHIP8 FFF9 FFFA