SoPC Oscilloscope Memory Map and Requirements

Touch Screen Rotary Encoder	000000	
	0FFFFF	
VRAM	100000	**VRAM:** 3x 256 KWords, one per channel, 4 bits per word. Total: **768 KB** (4 LSBs = don't care)
	1FFFFF	
FIFO	200000	**FIFO:** 1 KWords x 8 bits. Total: **1 KB**
	2FFFFF	
SRAM	300000	**SRAM:** 32 KWords x 8 bits. Total: **32 KB**
	3FFFFF	
...		
ROM	E00000	**ROM:** 512 KWords x 8 bits. Total: **512 KB**
	FFFFFF	

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0FFFFF

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1FFFFF

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 3x 256 KWords, one per channel
  4 bits per word
 Total: **768 KB**
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