

Motorola MPC5xx Memory Maps										
Address*	MPC555	MPC533/MPC534	MPC535/MPC536	MPC561/MPC562 MPC563/MPC564	MPC565/MPC566					
0x0000 0000	CMF_A (256 Kbytes)	UC3F (512 Kbytes)	UC3F_A (512 Kbytes)	UC3F (512 Kbytes) MPC563/MPC564 only	UC3F_A (512 Kbytes)					
0x0003 FFFF										
0x0004 0000	CMF_B (192 Kbytes)									
0x0006 FFFF										
0x0007 0000	Reserved for Flash					Reserved for Flash	Reserved for Flash	Reserved for Flash		
0x0007 FFFF										
0x0008 0000		Reserved for Flash	Reserved for Flash	Reserved for Flash						
0x000F FFFF										
0x0010 0000		BBC DECRAM (2 Kbytes)	DECRAM (4 Kbytes) [VDDSRAM3]	DECRAM (4 Kbytes) [VDDSRAM3]						
0x002F 7FFF										
0x002F 8000		Reserved	Reserved	Reserved						
0x002F 87FF										
0x002F 8800		BBC Decompression Control	BBC Decompression Control	BBC Decompression Control						
0x002F 8FFF										
0x002F 9000		USIU Control	USIU Control	USIU Control	USIU Control					
0x002F 9FFF										
0x002F A000	CMF_A Control	UC3F Control	UC3F_A Control	UC3F_A Control						
0x002F C83F										
0x002F C840	CMF_B Control	Reserved	UC3F_B Control	UC3F_B Control						
0x002F C87F										
0x002F C880	Reserved	Reserved	Reserved	Reserved						
0x002F FFFF										
0x0030 0000	DPTRAM Control	Reserved	Reserved	DPTRAM Control	DPTRAM_AB Control					
0x0030 003F	Reserved			Reserved	Reserved	Reserved				
0x0030 0040										
0x0030 007F										
0x0030 0080										
0x0030 008F										
0x0030 0090										
0x0030 009F	Reserved			Reserved	Reserved	Reserved				
0x0030 00A0										
0x0030 00BF										
0x0030 00C0										
0x0030 00FF										
0x0030 0100										
0x0030 01FF	Reserved			Reserved	Reserved	Reserved				
0x0030 2000										
0x0030 37FF										
0x0030 3800										
0x0030 3FFF										
0x0030 4000										
0x0030 43FF	TPU3_A (1 Kbytes)	Reserved	Reserved	TPU3_A (1 Kbytes)	TPU3_A (1 Kbytes)					
0x0030 4400	TPU3_B (1 Kbytes)			TPU3_B (1 Kbytes)	TPU3_B (1 Kbytes)					
0x0030 47FF	QADC64_A (1 Kbytes)			QADC64E (1 Kbytes)	QADC64E (1 Kbytes)	QADC64E_A (1 Kbytes)	QADC64E_A (1 Kbytes)			
0x0030 4800										
0x0030 4BFF										
0x0030 4C00										
0x0030 4FFF										
0x0030 5000										
0x0030 53FF	QSMCM (1 Kbytes)	QSMCM (1 Kbytes)	QSMCM_A (1 Kbytes)	QSMCM (1 Kbytes)	QSMCM_A (1 Kbytes)					
0x0030 5400	Reserved	Reserved	Reserved	Reserved	QSMCM_B (1 Kbytes)					
0x0030 57FF										
0x0030 5800										
0x0030 5BFF										
0x0030 5C00										
0x0030 5C7F										
0x0030 5FFF	MIOS1 (4 Kbytes)	MIOS14 (4 Kbytes)	MIOS14 (4 Kbytes)	MIOS14 (4 Kbytes)	MIOS14 (4 Kbytes)					
0x0030 6000										
0x0030 6FFF										
0x0030 7000										
0x0030 73FF										
0x0030 7400										
0x0030 77FF	TouCAN_B (1 Kbytes)	TouCAN_B (1 Kbytes)	TouCAN_B (1 Kbytes)	TouCAN_B (1 Kbytes)	TouCAN_B (1 Kbytes)					
0x0030 7800	Reserved	Reserved	Reserved	TouCAN_C (1 Kbytes)	TouCAN_C (1 Kbytes)					
0x0030 7BFF										
0x0030 7C00										
0x0030 7F7F										
0x0030 7F80										
0x0030 7FFF										
0x0030 8000	UIMB Control	UIMB Control	UIMB Control	UIMB Control	UIMB Control					
0x0030 8000	Reserved for IMB	Reserved for IMB	Reserved for IMB	Reserved for IMB	Reserved for IMB					
0x0037 FFFF										
0x0038 0000						SRAM_A/B Control	CALRAM/READI Control	CALRAM_A/READI Control	CALRAM/READI Control	CALRAM_A/READI Control
0x0038 003F										
0x0038 0040						Reserved	Reserved	CALRAM_B Control	Reserved	CALRAM_B Control
0x0038 007F										
0x0038 0080	Reserved for L-bus Control	Reserved for L-bus Control	Reserved for L-bus Control	Reserved for L-bus Control	Reserved for L-bus Control					
0x0038 3FFF										
0x0038 4000						Reserved for L-bus Memory	Reserved for L-bus Memory	Reserved for L-bus Memory	Reserved for L-bus Memory	
0x003F 6FFF										
0x003F 7000										
0x003F 7FFF										
0x003F 8000										
0x003F 97FF	SRAM_A (10 Kbytes) [VDDSRAM]	CALRAM (28 Kbytes) [IRAMSTBY]	CALRAM_A (28 Kbytes) [VDDSRAM1]	CALRAM (28 Kbytes) [IRAMSTBY]	CALRAM_A (28 Kbytes) [VDDSRAM1]					
0x003F 9800										
0x003F BFFF										
0x003F C000						SRAM_B (16 Kbytes) [VDDSRAM]	CALRAM (4 Kbytes) [IRAMSTBY]	CALRAM_A (4 Kbytes) [VDDSRAM1/Overlay]	CALRAM (4 Kbytes) [IRAMSTBY]	CALRAM_A (4 Kbytes) [VDDSRAM1/Overlay]
0x003F EFFF										
0x003F F000										
0x003F FFFF										