

## K1879 Memory Map

ARM Start	ARM End		NMC Start	NMC End
-	-	<b>IM1 mirror</b>	0x00000000	0x0000ffff
-	-	<b>IM3 mirror</b>	0x00010000	0x0001ffff
0x00080000	0x000fffff	<b>reserved</b>	0x00020000	0x0003ffff
0x00100000	0x0013ffff	<b>IM0</b>	0x00040000	0x0004ffff
0x00140000	0x0017ffff	<b>IM1</b>	0x00050000	0x0005ffff
0x00180000	0x001bffff	<b>IM3</b>	0x00060000	0x0006ffff
0x001c0000	0x0fffffff	<b>reserved</b>	0x00070000	
0x10000000	0x1000ffff	<b>reserved</b>		
0x10010000	0x1002ffff	<b>reserved</b>		
0x10030000	0x1003ffff	<b>reserved</b>		0x0400ffff
0x10040000	0x1004ffff	<b>USB</b>	0x04010000	0x04013fff
0x10050000	0x1005ffff	<b>DVB-CI</b>	0x04014000	0x04017fff
0x10060000	0x1006ffff	<b>reserved</b>	0x04018000	0x0401bfff
0x10070000	0x1007ffff	<b>XDMAC REG</b>	0x0401c000	0x0401ffff
0x10080000	0x1008ffff	<b>reserved</b>	0x04020000	
0x10090000	0x1fffffff	<b>reserved</b>		0x07ffffff
0x20000000	0x2000ffff	<b>VIC0</b>	0x08000000	0x08003fff
0x20010000	0x2001ffff	<b>VIC1</b>	0x08004000	0x08007fff
0x20020000	0x2002ffff	<b>APB_C</b>	0x08008000	0x0800bfff
0x20030000	0x2003ffff	<b>APB_D</b>	0x0800c000	0x0800ffff
0x20040000	0x2004ffff	<b>AES</b>	0x08001000	0x08013fff
0x20050000	0x23ffffff	<b>reserved</b>	0x08014000	0x08ffffff
0x24000000	0x24ffffff	<b>reserved</b>	0x09000000	0x09ffffff
0x25000000	0x2ffffff	<b>reserved</b>	0x09400000	0x0bffffff

0x30000000	0x3fffffff	<b>reserved</b>	0x0c000000	0x0fffffff
0x40000000	0x7fffffff	<b>EM0</b>	0x10000000	0x1fffffff
0x80000000	0x800fffff	<b>BOOT ROM mirror</b>	0x20000000	0x2003ffff
0x80100000	0x8013ffff	<b>IM2</b>	0x20040000	0x2004ffff
0x80140000	0x8014ffff	<b>reserved</b>	0x20050000	0x20053fff
0x80150000	0x8015ffff	<b>APB_MULT</b>	0x20054000	0x20057fff
0x80160000	0x8016ffff	<b>AU_0</b>	0x20058000	0x2005bfff
0x80170000	0x8017ffff	<b>AU_1</b>	0x2005c000	0x2005ffff
0x80180000	0x8019ffff	<b>Video Decoder</b>	0x20060000	0x20067fff
0x801a0000	0x9fffffff	<b>reserved</b>	0x20068000	0x27fffffff
0xa0000000	0xbfffffff	<b>SERIAL FLASH</b>	0x28000000	0x2fffffff
0xc0000000	0xffffffff	<b>EM1</b>	0x30000000	0x3fffffff
-	-	<b>reserved</b>	0x40000000	0x4003ffff
-	-	<b>INTTMR</b>	0x40040000	0x4004ffff
-	-	<b>reserved</b>	0x40050000	0xffffffff