

Example Base Address, High Address Specifications

The base address (C_BASEADDR) and high address (C_HIGHADDR) must specify a valid range for the BRAM that is attached to the BRAM Controller. The range (C_HIGHADDR – C_BASEADDR) specified by the high address and base address must be equal to 2^n bytes, where n is a positive integer and 2^n is a valid memory size as shown above. In addition, the n least significant bits of C_BASEADDR must be equal to 0.:

Table 4: Example Address Range Specifications

Memory Size (Bytes)	C_BASEADDR	C_HIGHADDR
2K	0x10000000	0x100007FF
4K	0x50000000	0x50000FFF
8K	0x24000000	0x24001FFF
16K	0xE0000000	0xE0003FFF
32K	0x3FF00000	0x3FF07FFF
64K	0x82000000	0x8200FFFF
128K	0xB0000000	0xB001FFFF

Discontinued IP

