





Selene-xilinx-vcu118 design memory map(Tentative)

Address range	size	core	Comment
0x00000000	1 Mbyte	AHBROM	
0x20000000	1 Mbyte	Test report module	
0x40000000	16 Mbyte	AHBRAM	L2cache and MIG is mapped here,If MIG generation is enabled.
0x80000000	1 Mbyte	AHB/APB Bridge	
0x80000100	256 byte	APBUART	
0x80000200	256 byte	GRVERSION	
0x80000300	256 byte	GPTIMER	
0x80000500	256 byte	GRGPIO	
0x80000E00	256 byte	AHBUART	
0x80000F00	256 byte	AHBSTAT	
0x84000000	64 Mbyte	PLIC	
0x90000000	256 Mbyte	Debug module	
0xe0100000	1 Mbyte	CLINT	
0xFFFF0000	1 Mbyte	AHB arbiter/multiplexer	I/O area
0xFFFF0000	128 Kbyte	AMBA Trace buffer	
0xFFFFF000	4 kbyte	AHB arbiter/multiplexer	Configuration area

Note: Please note that the memory map is tentative, since the noelv system memory map is not frozen. This may change in the future