

root  
: Root

system  
: System

cpu  
: TimingSimpleCPU

dcache\_port

icache\_port

L1MONITOR  
: CommMonitor

icache  
: L1\_ICache

master

slave

cpu\_side

mem\_side

dcache  
: L1\_DCache

system\_port

cpu\_side

mem\_side

membus  
: SystemXBar

slave

master

mem\_ctrls  
: DDR3\_1600\_x64

port

