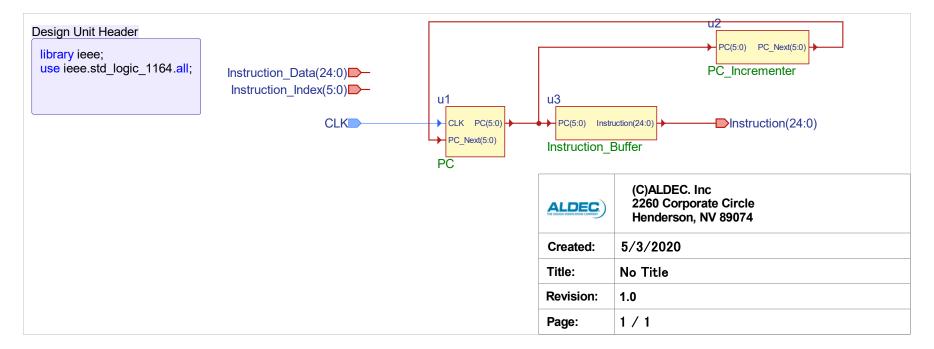
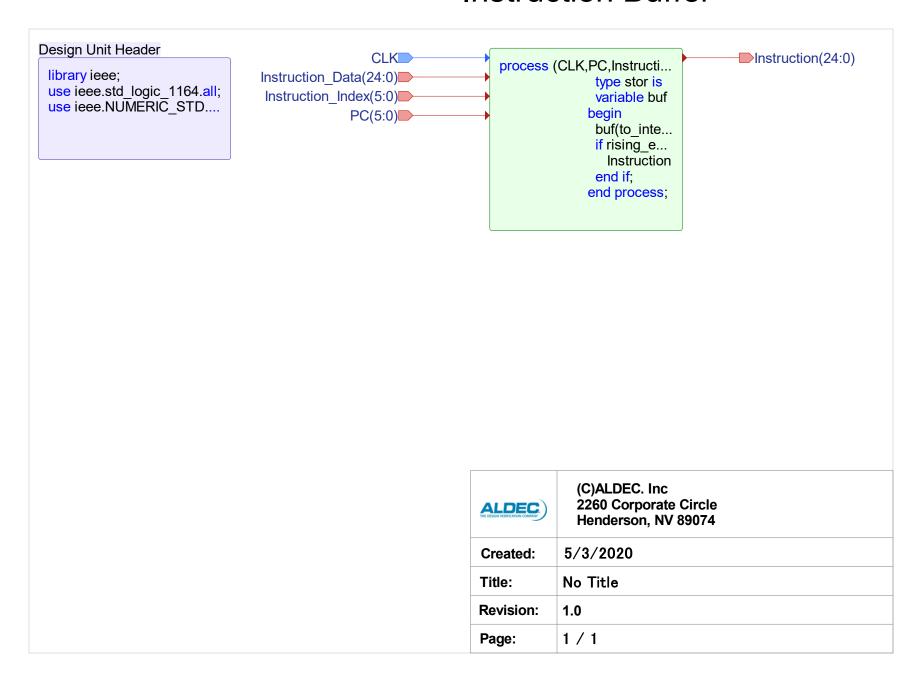
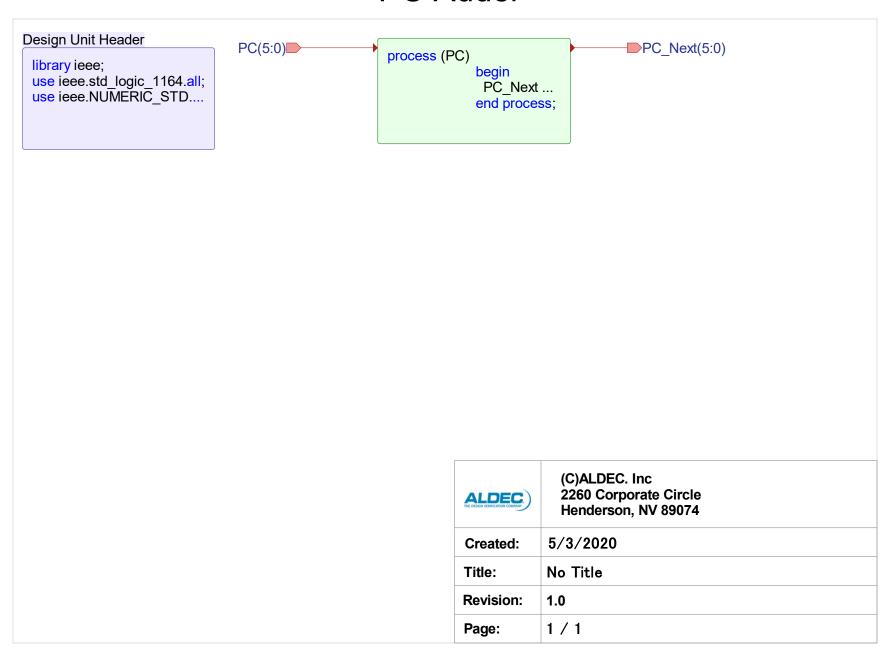
IF Stage



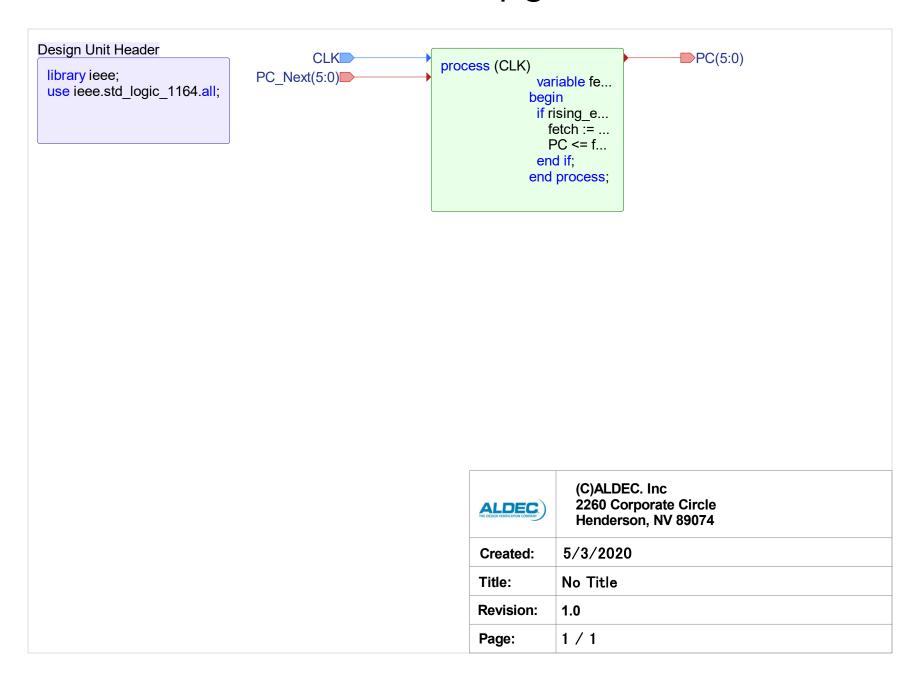
Instruction Buffer



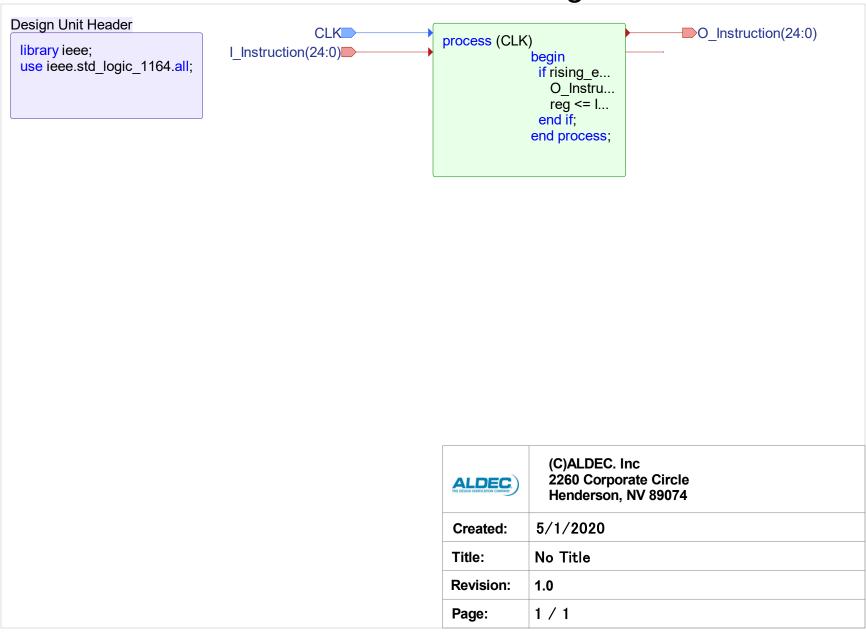
PC Adder



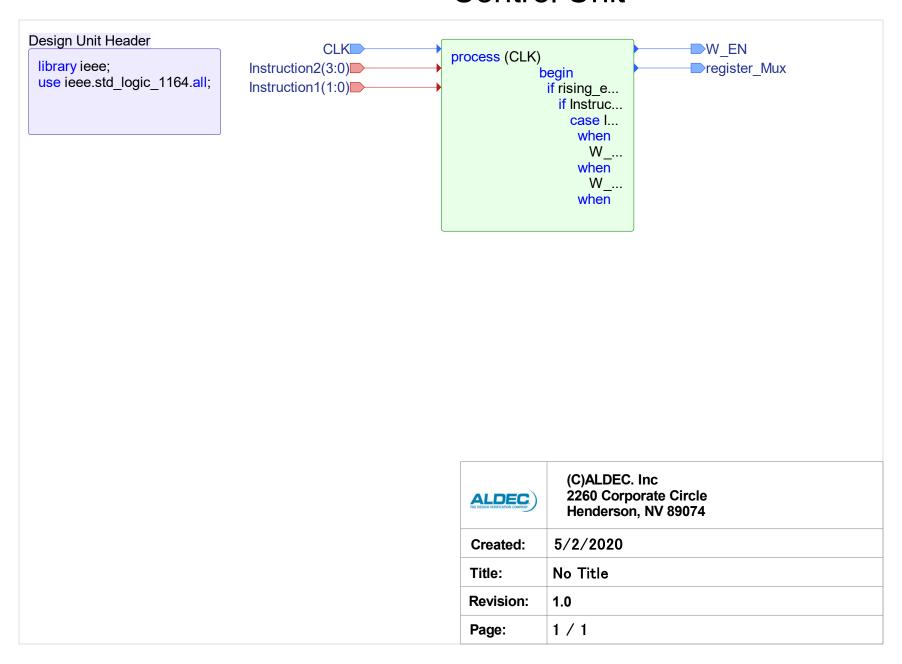
PC

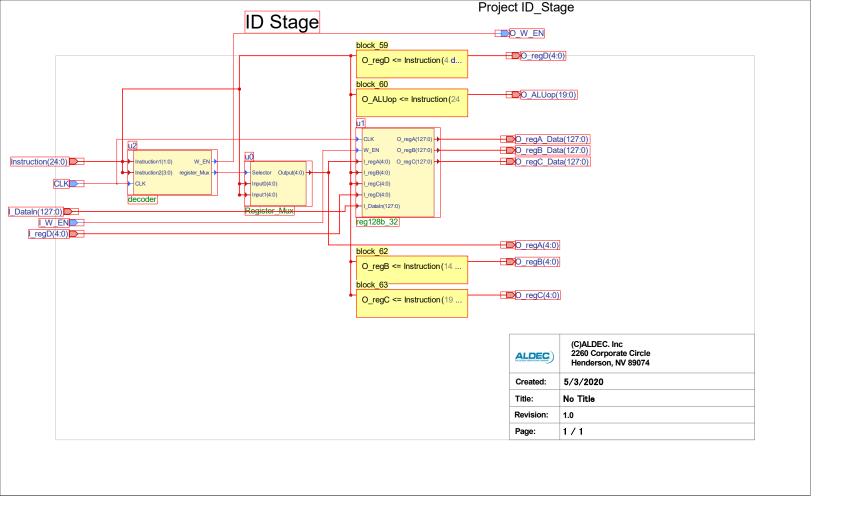


IF/ID Register

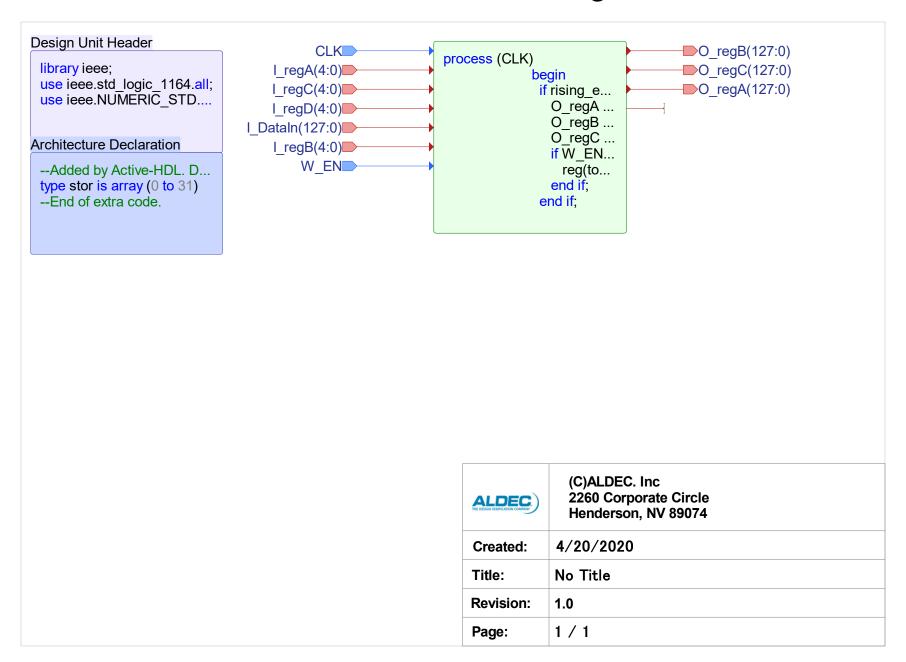


Control Unit

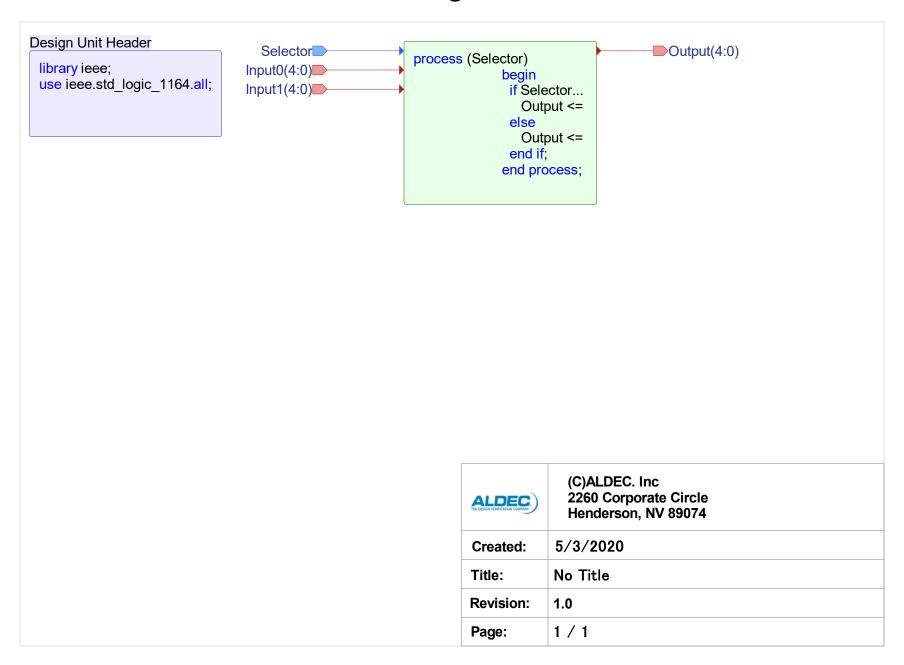




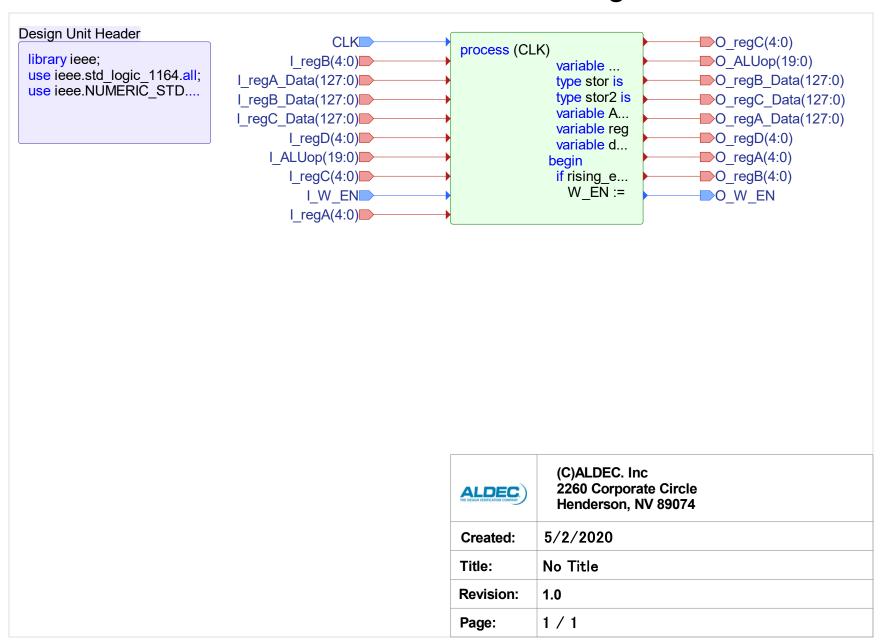
32 128 bits Register File



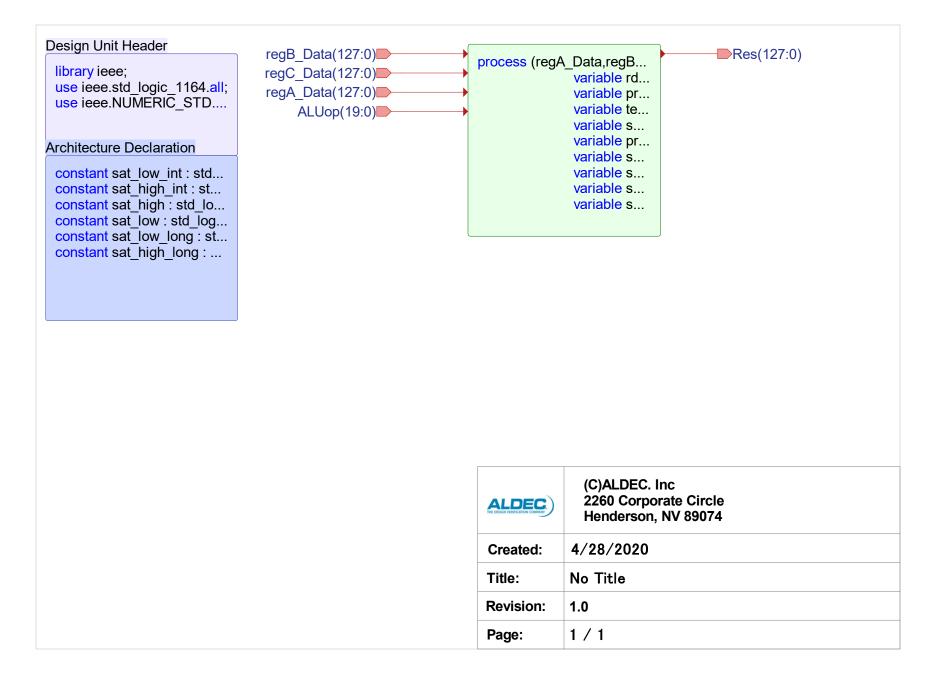
Register Mux



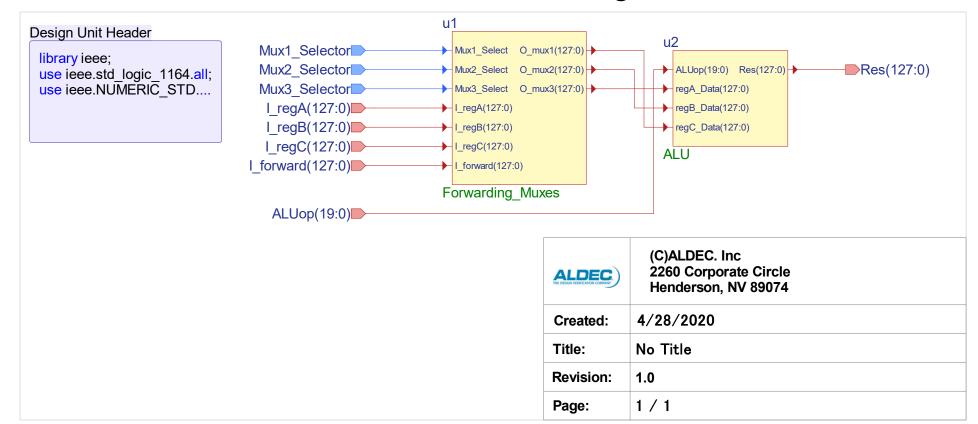
ID/EX Register



ALU

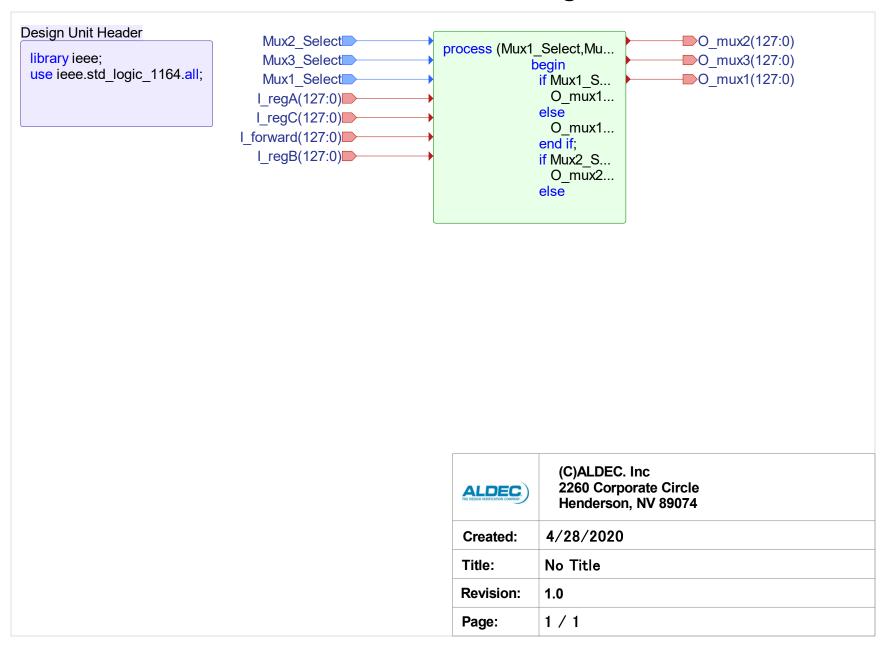


EX Stage

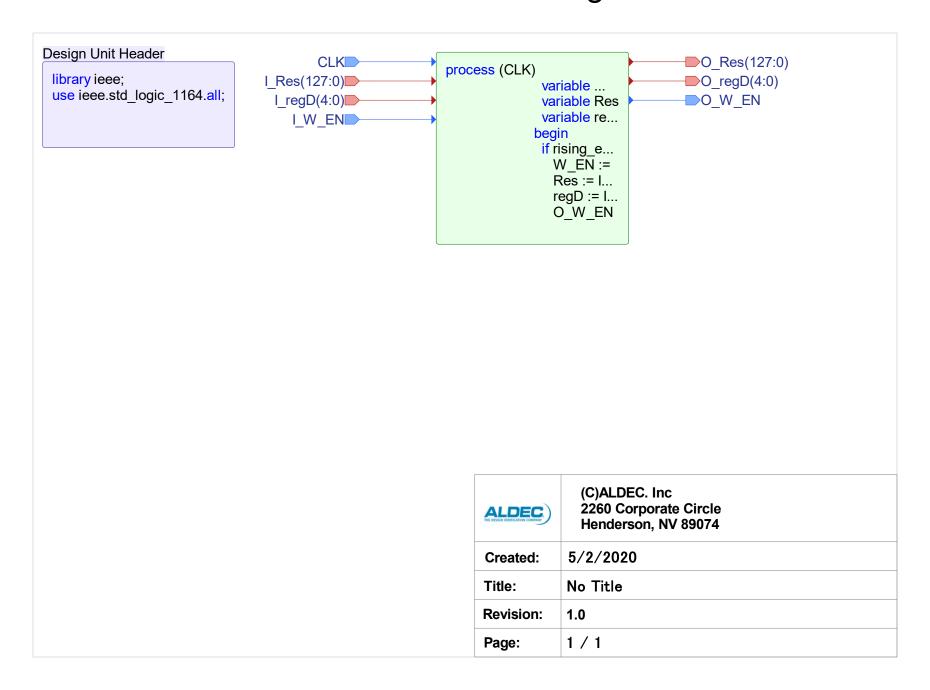


Project EX

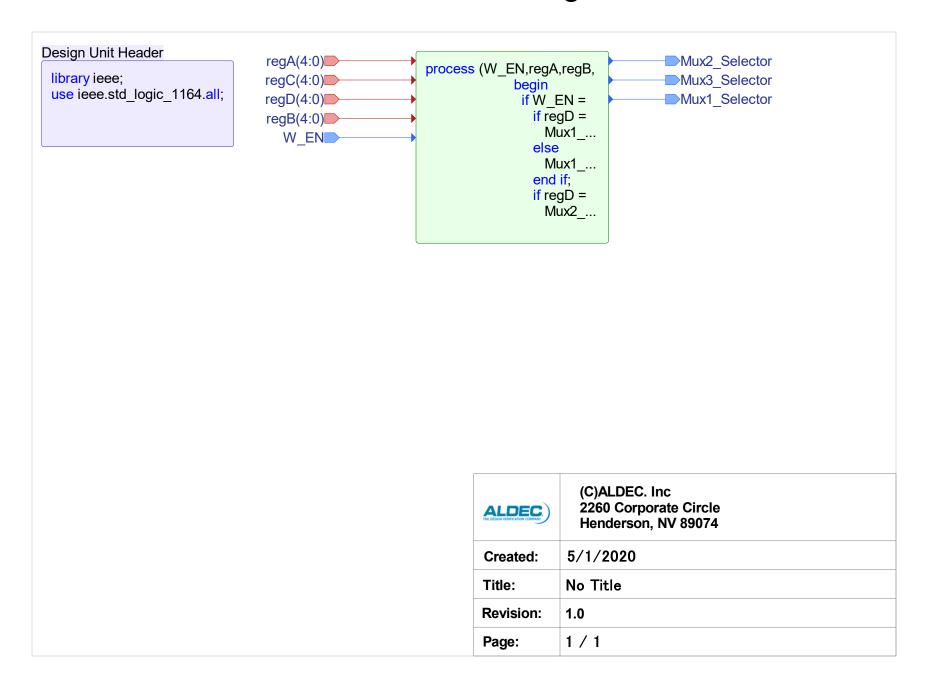
Forwarding Muxes



EX/WB Register



Forwarding Unit



Project Pipeline

4-Stage Pipelined Multimedia Unit

