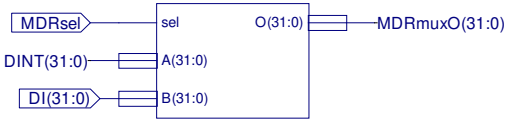
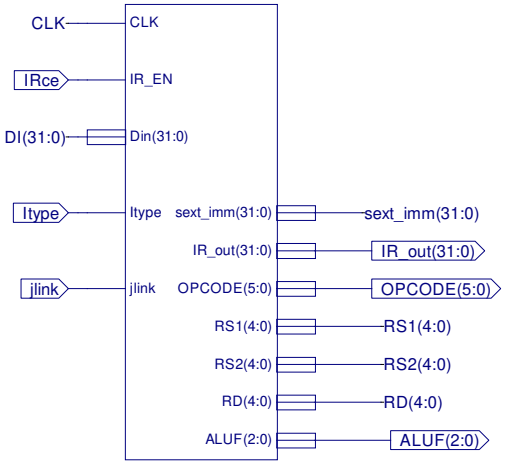
Reg_C
REG32CE

MDR MUX
MUX32bit



IRenv



PC Reg
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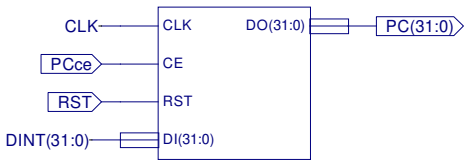

MDR
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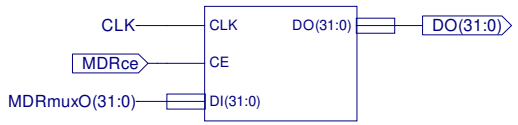
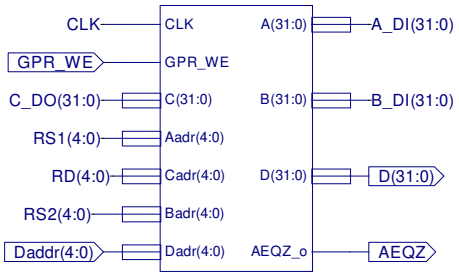


GPR_env



Reg_A
REG32CE

S2 MUX
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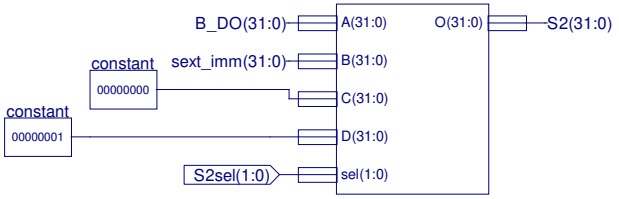
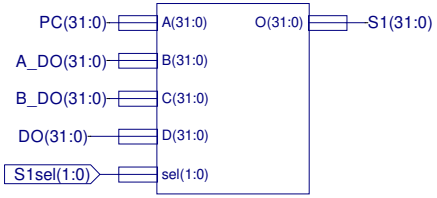
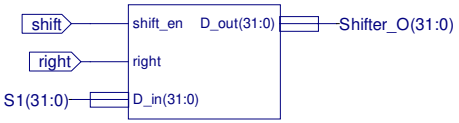


S1 MUX
MUX4_32bit

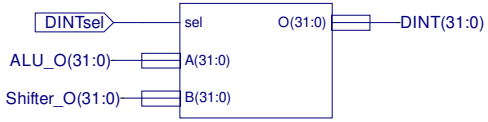


shifter



Reg B
REG32CE

DINT MUX
MUX32bit



MAR
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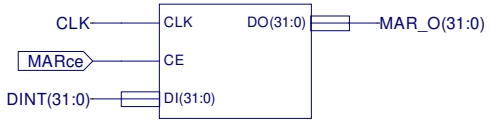
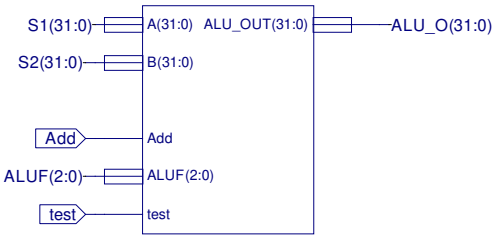
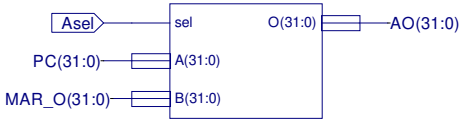


DLX_ALU



A MUX
MUX32bit



8 MSB to Zero
DLX_MMU