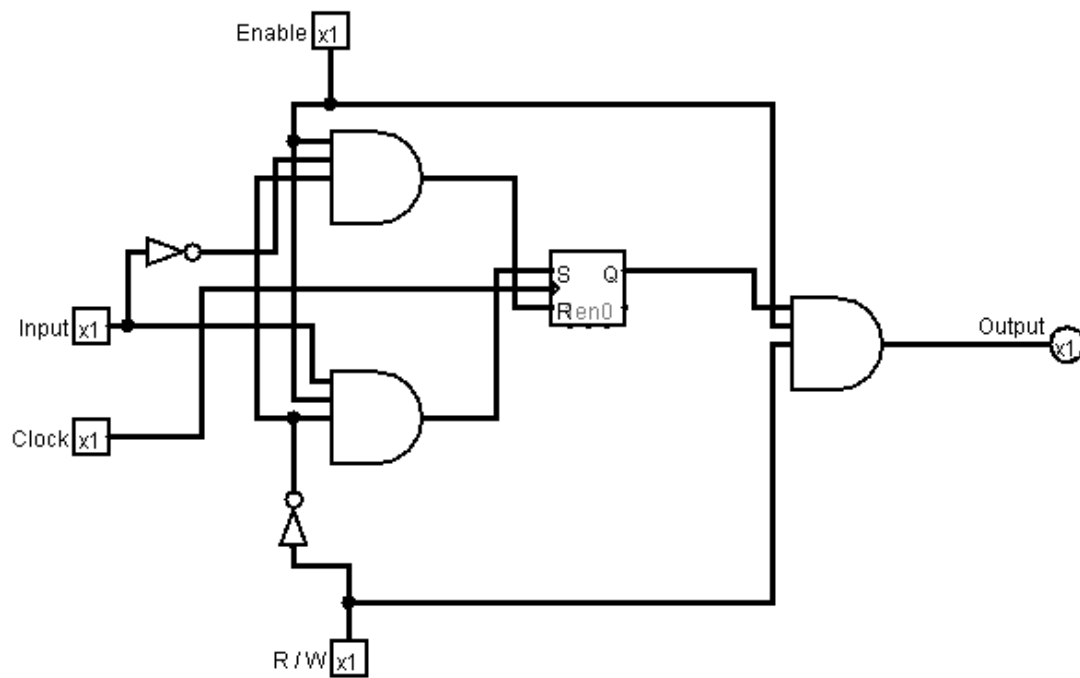
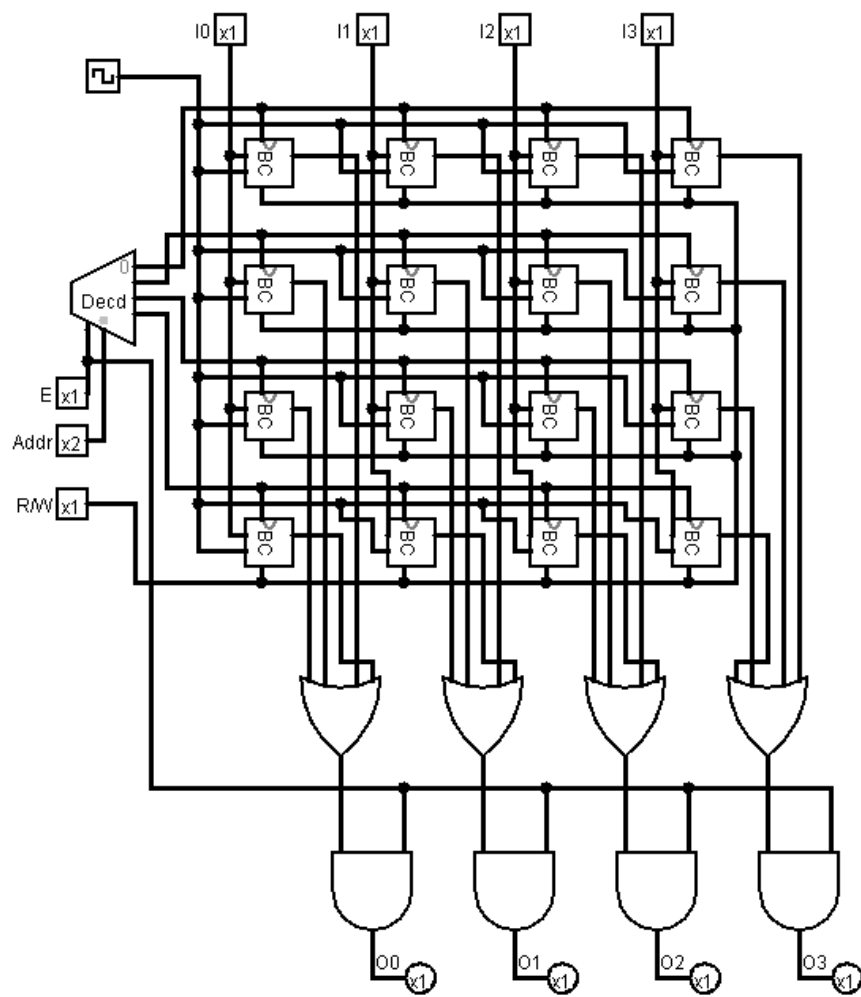


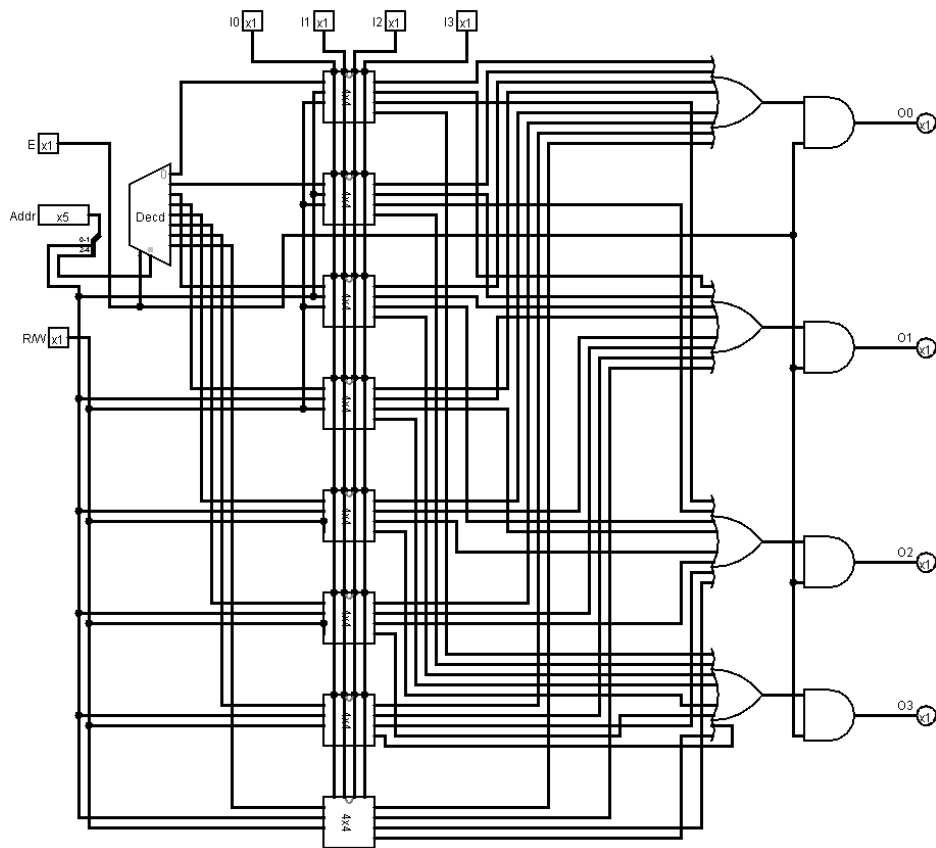
BINARY CELL (BC):



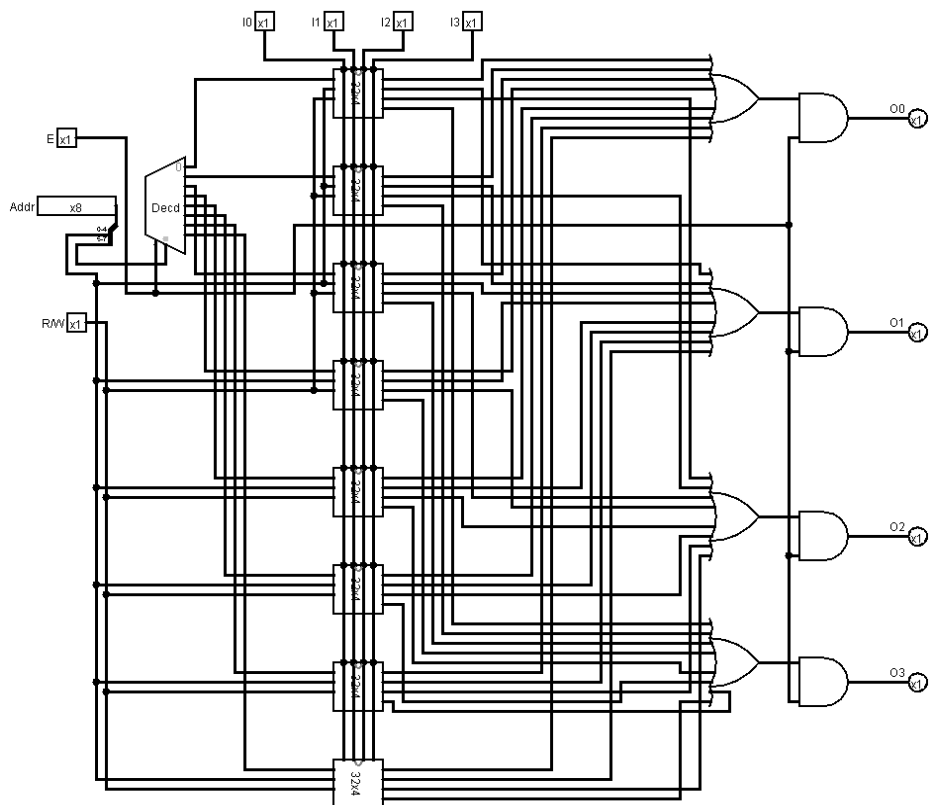
4x4:



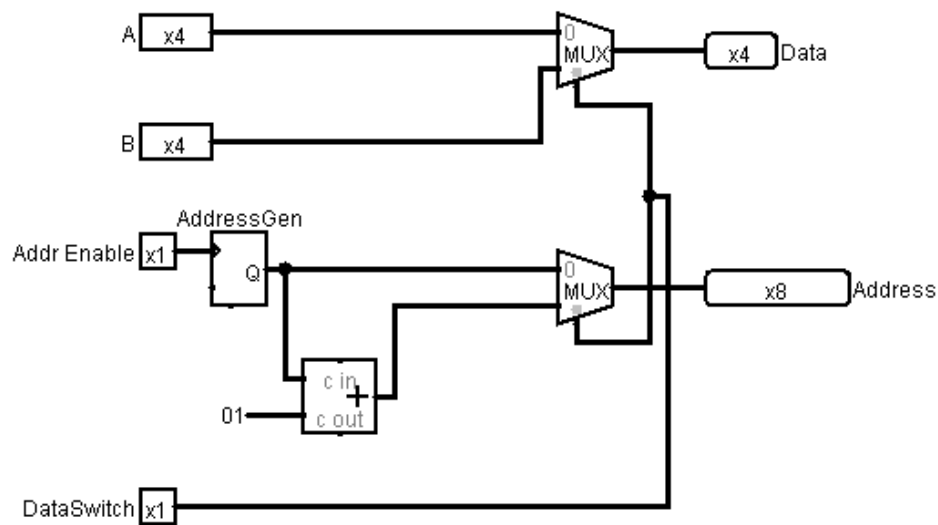
32x4:



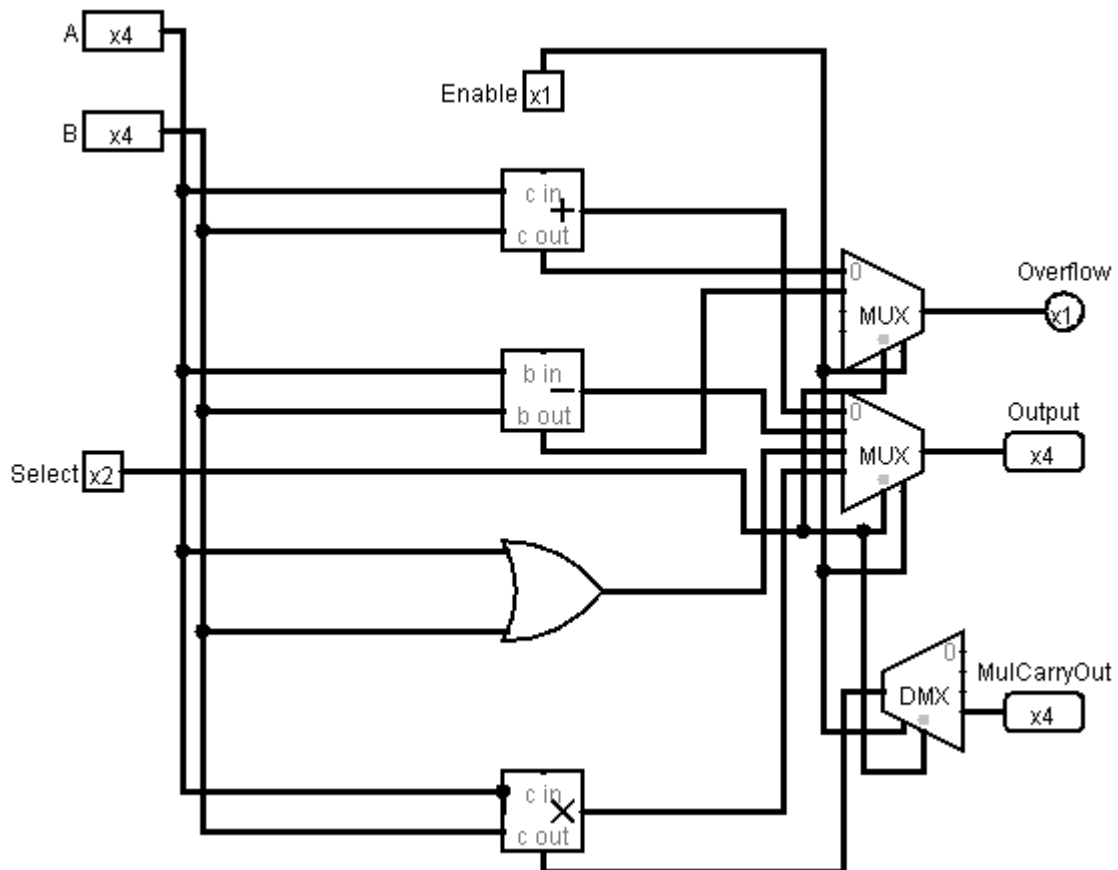
256x4:



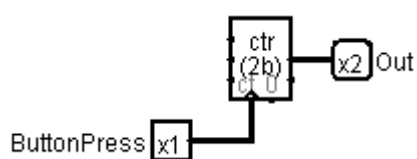
Input Unit (IU):



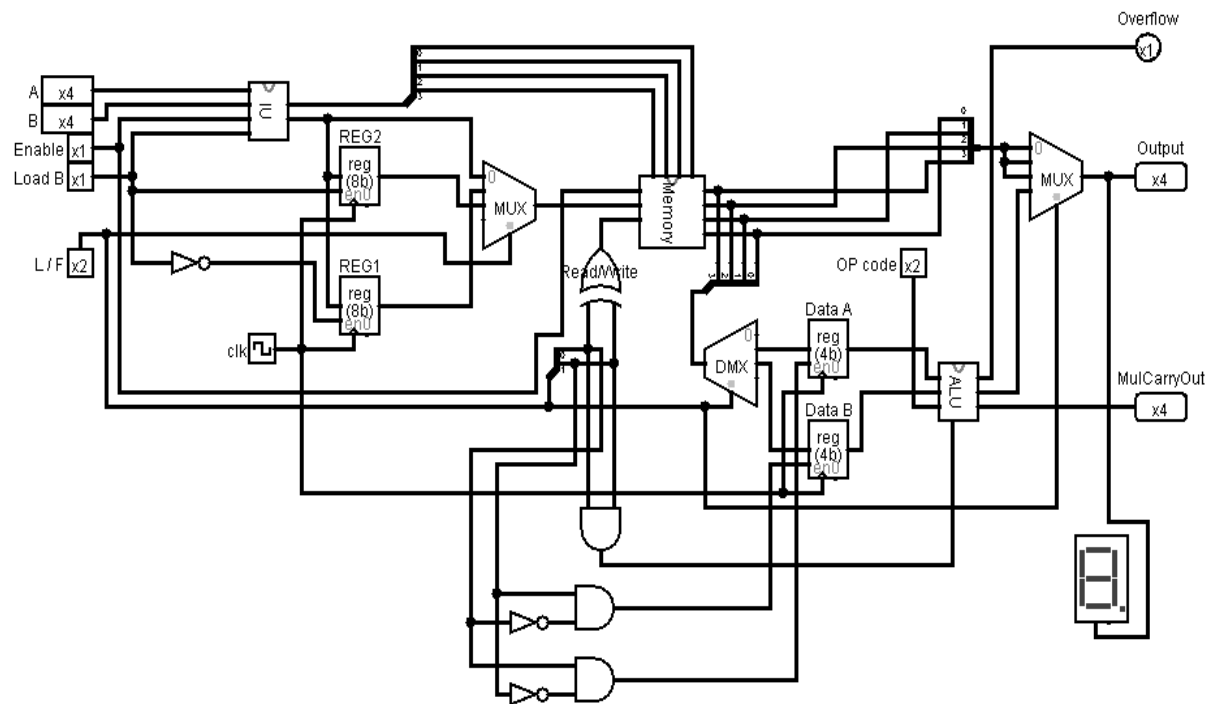
ALU:



Button Controller (BCNT):

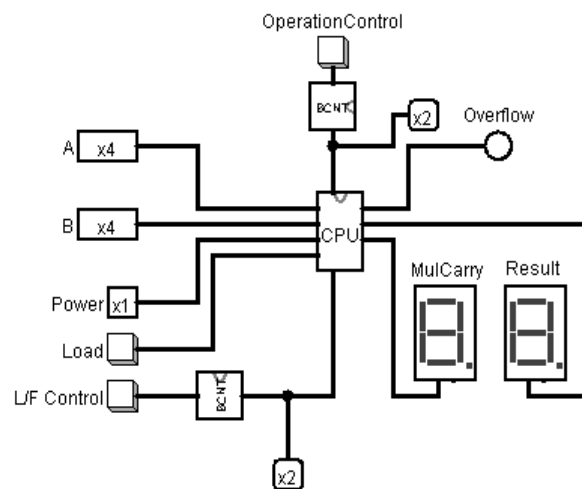


Main (CPU):



CPU (finalCircuit):

00 - LOAD
01 - FETCH A
10 - FETCH B
11 - OPERATIONS



00 - ADD
01 - SUB
10 - OR
11 - MULTIPLY

Result - Operation Output
MulCarry - Carry from Multiplication Operation