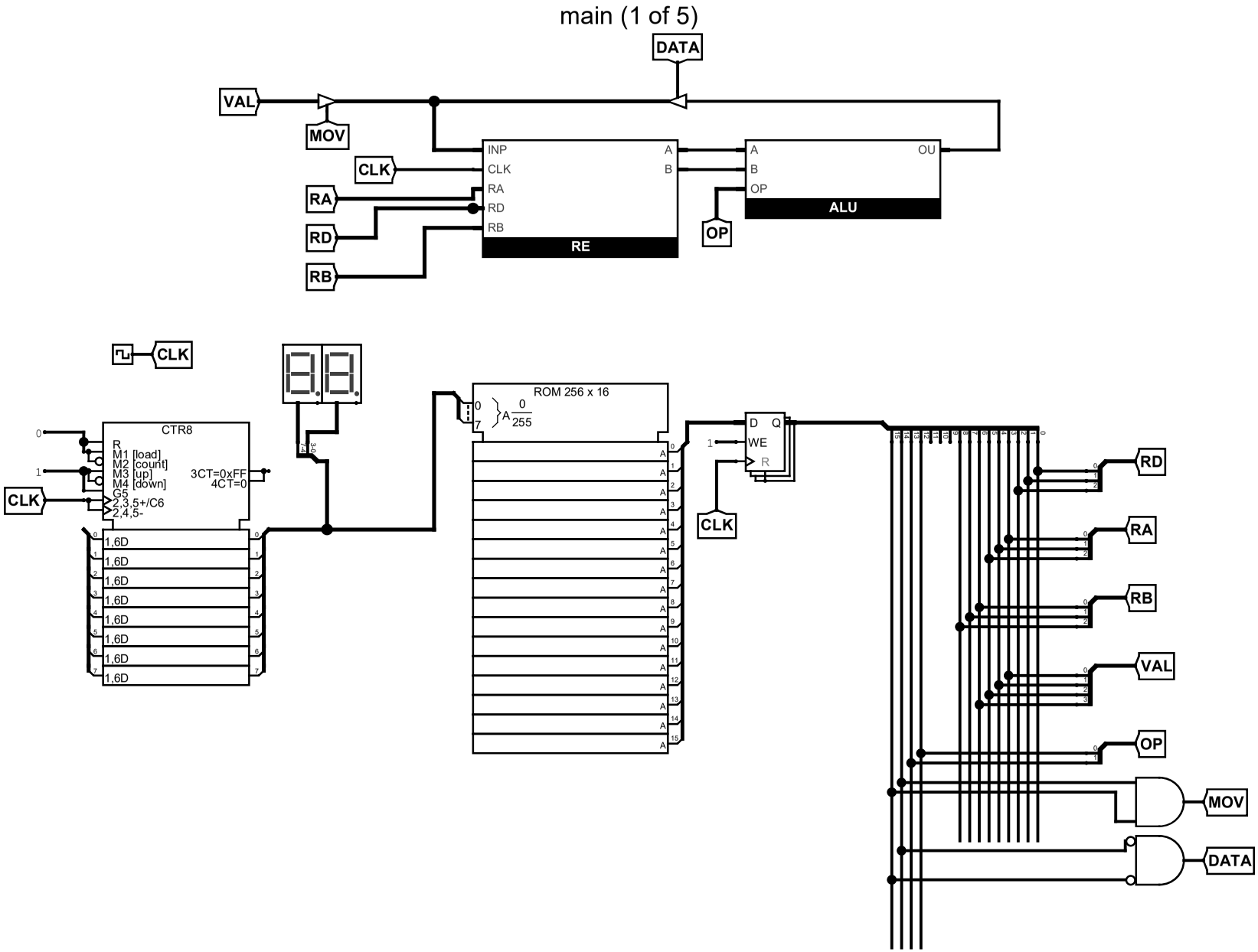
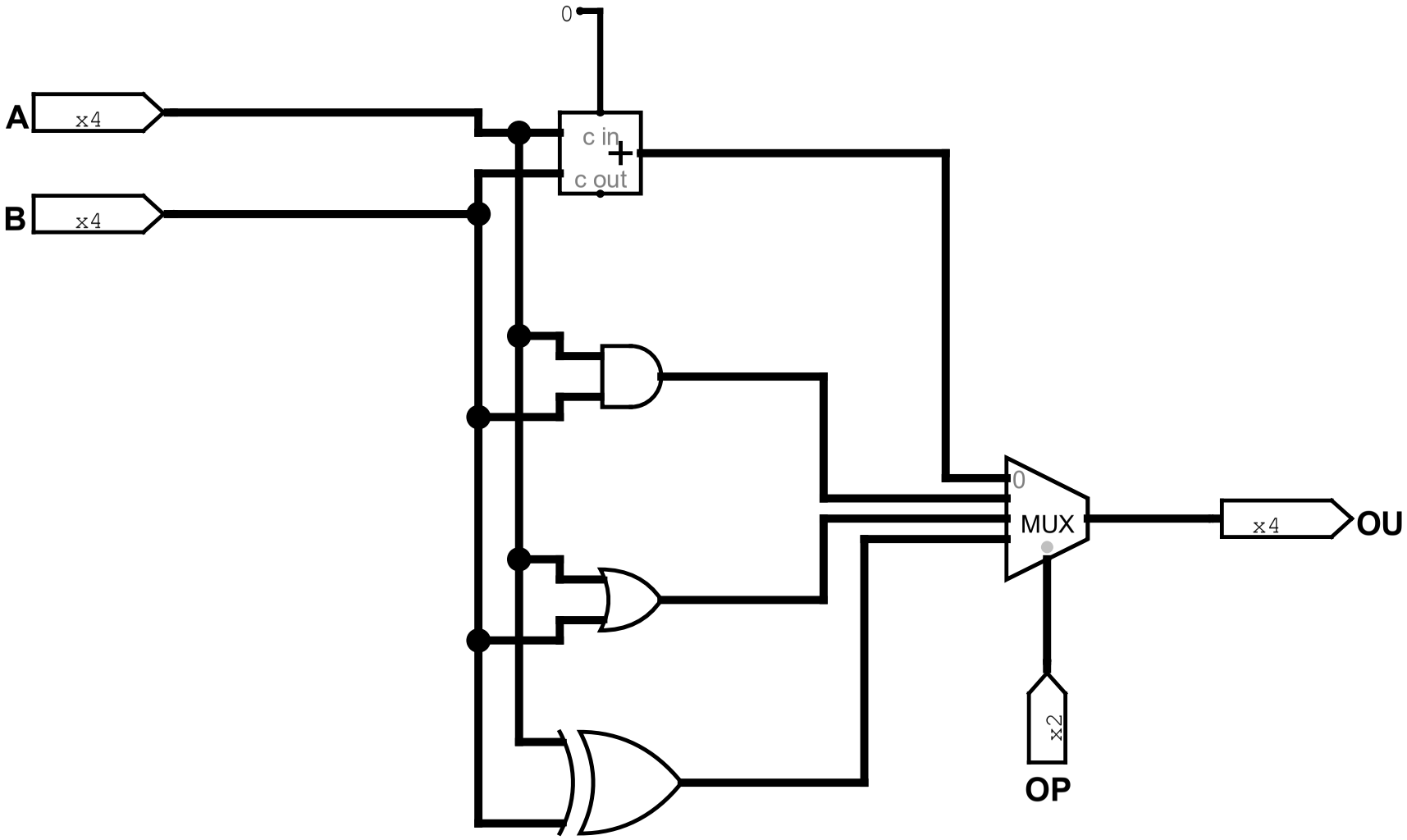
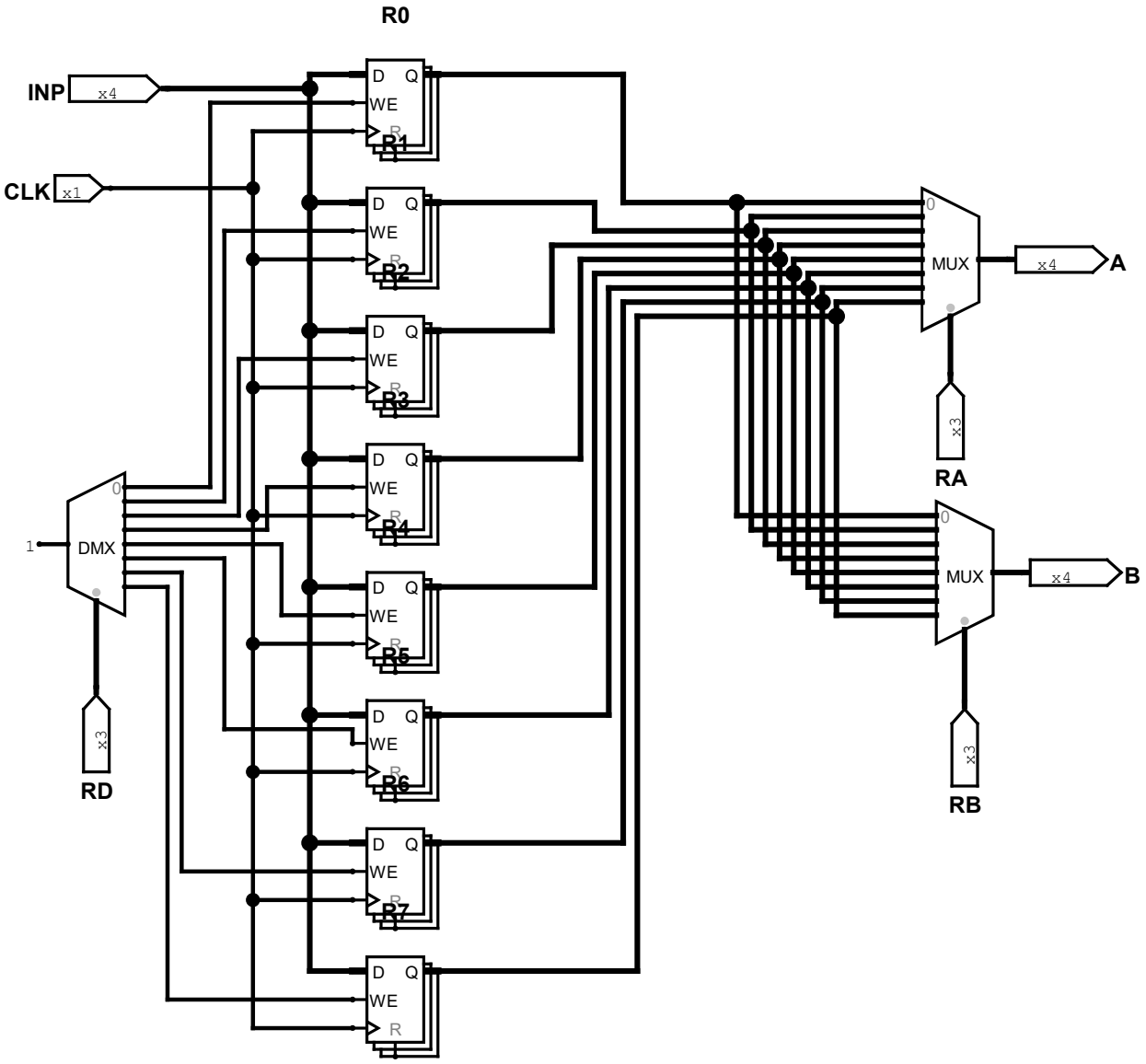

main (1 of 5)
DATA
VAL
MOV
CLK
RA
RD
RB
INP
CLK
RA
RD
RB
RE
A
B
A
B
OP
ALU
OU
OP
CLK
CTR8
R
M1 [load]
M2 [count]
M3 [up]
M4 [down]
G5
2,3,5+/C6
2,4,5-
3CT=0xFF
4CT=0
1,6D
ROM 256 x 16
0
7
A
0
255
D
Q
WE
R
CLK
RD
RA
RB
VAL
OP
MOV
DATA

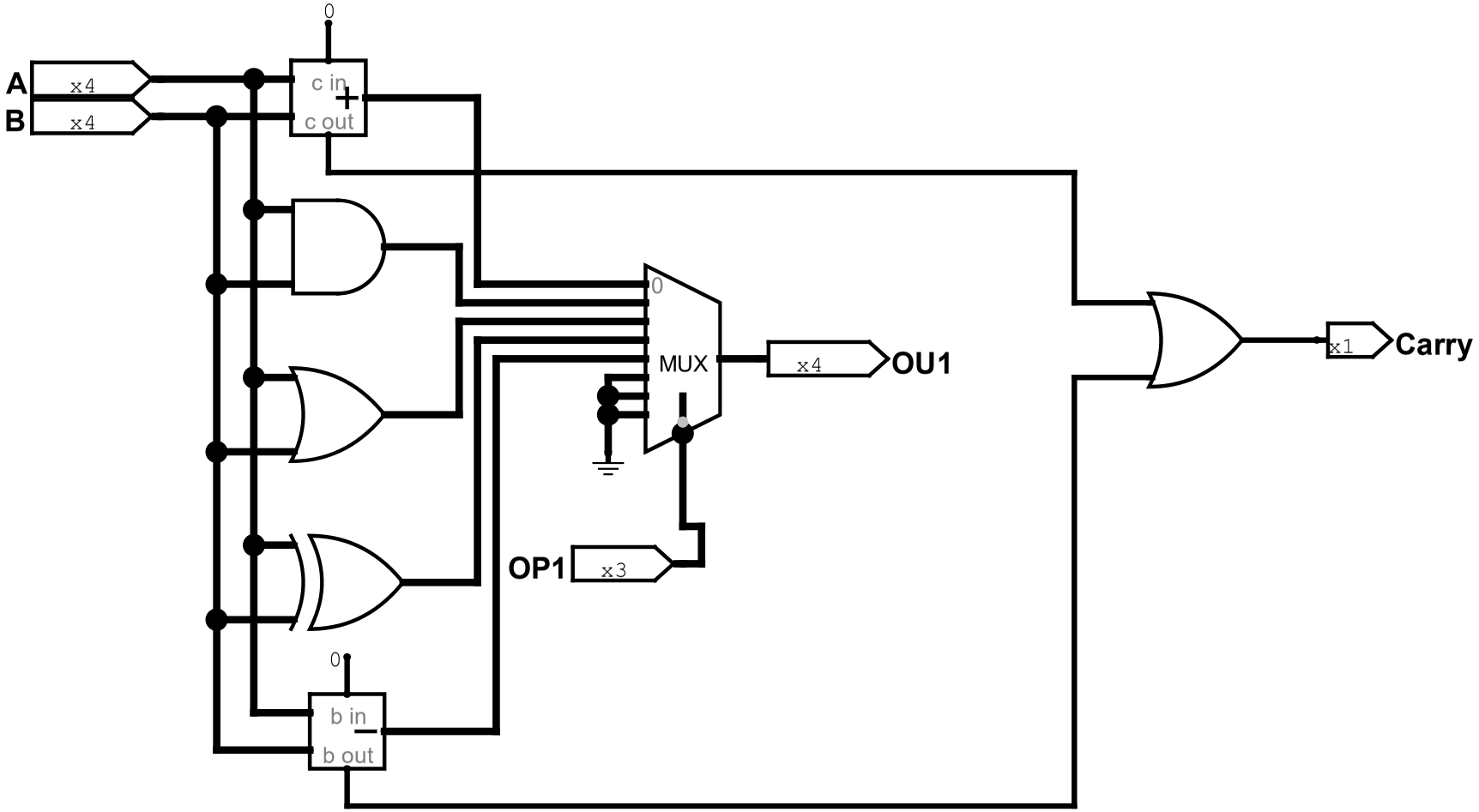
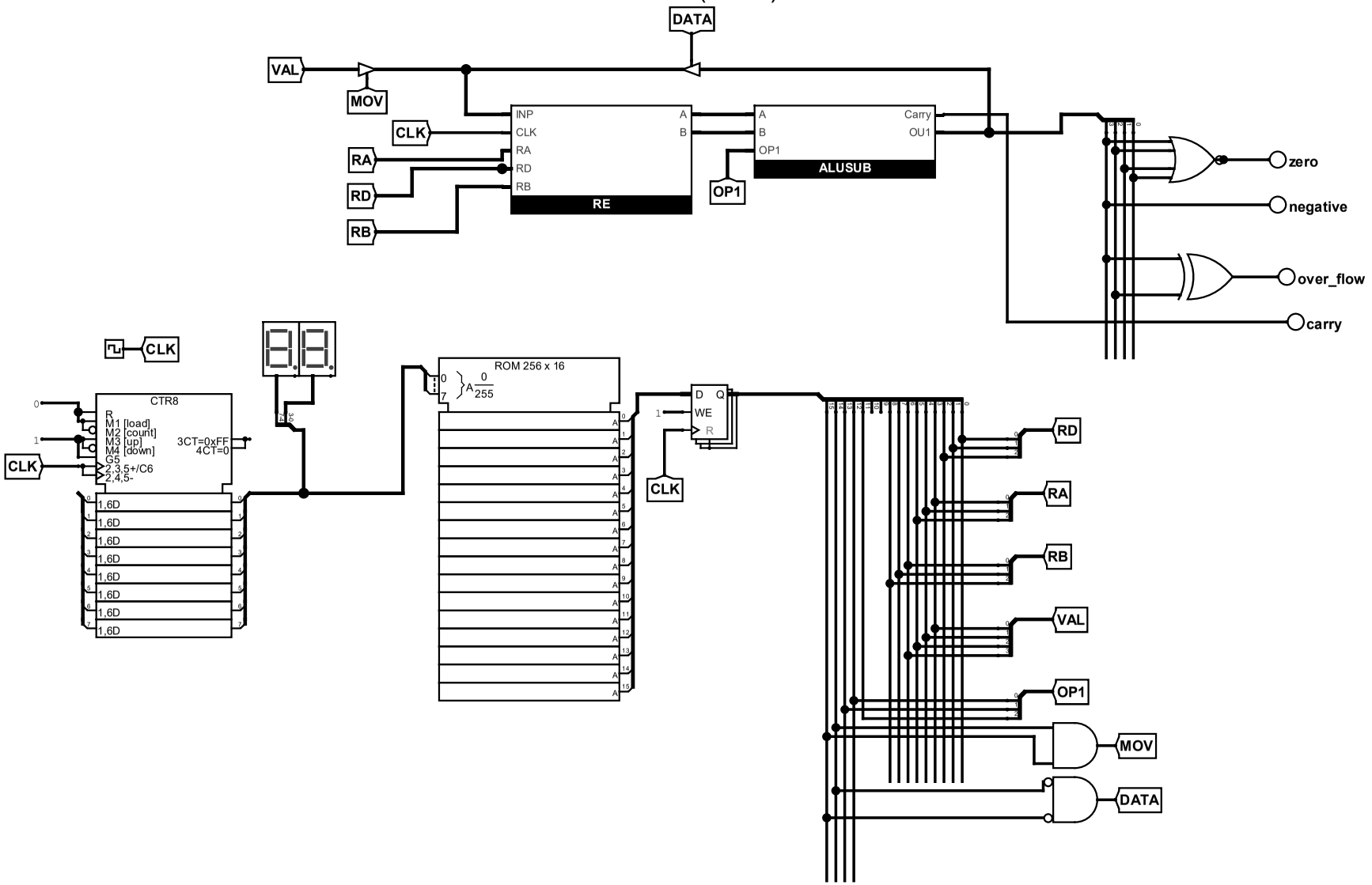
ALU (2 of 5)



RE (3 of 5)


R0
INP
x4
CLK
x1
D Q
WE
R
R1
R2
R3
R4
R5
R6
R7
0
1
DMX
x3
RD
MUX
x4
A
RA
B
RB

ALUSUB (4 of 5)



mainsub (5 of 5)