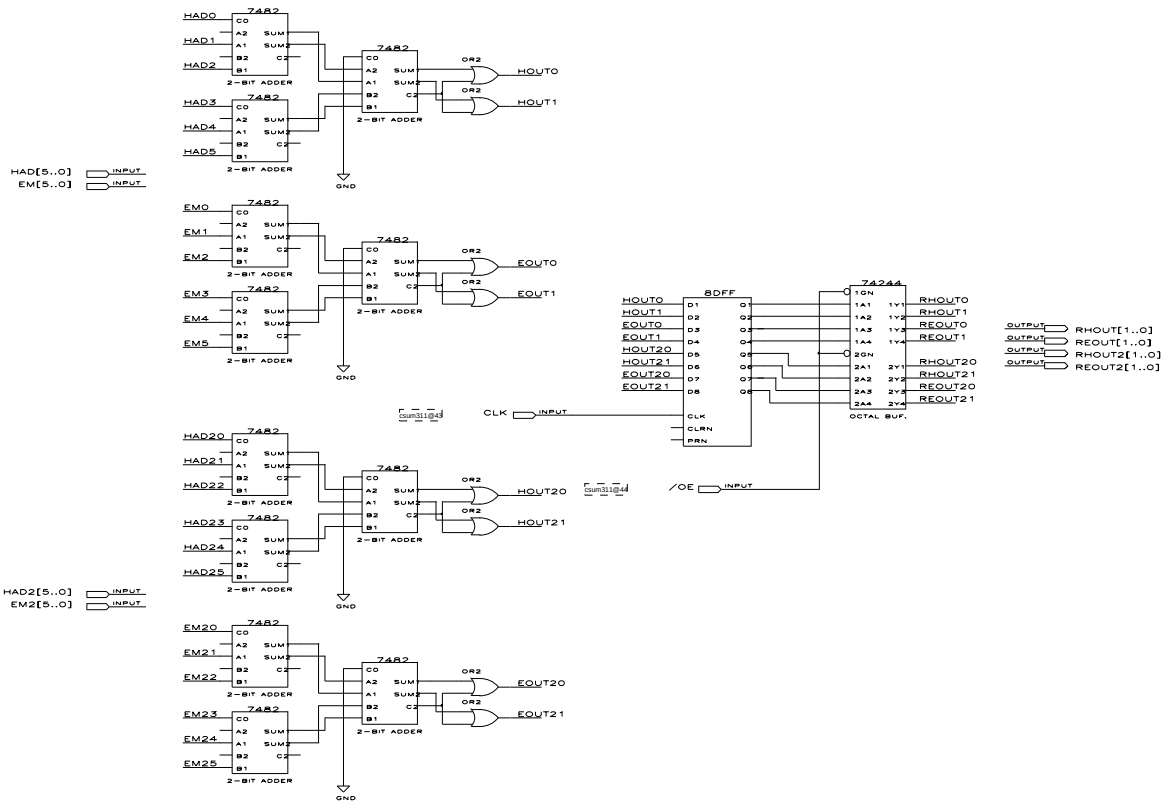
HAD[5..0]
EM[5..0]
INPUT
HAD0
HAD1
HAD2
HAD3
HAD4
HAD5
7482
2-BIT ADDER
GND
OR2
HOUT0
HOUT1
EM0
EM1
EM2
EM3
EM4
EM5
EOUT0
EOUT1
HOUT0
HOUT1
EOUT0
EOUT1
HOUT20
HOUT21
EOUT20
EOUT21
8DFF
CLK
CLRN
PRN
74244
OCTAL BUF.
1GN
2GN
RHOUT0
RHOUT1
REOUT0
REOUT1
RHOUT20
RHOUT21
REOUT20
REOUT21
OUTPUT
RHOUT[1..0]
REOUT[1..0]
RHOUT2[1..0]
REOUT2[1..0]
csum311@43
csum311@44
/OE
HAD20
HAD21
HAD22
HAD23
HAD24
HAD25
HAD2[5..0]
EM2[5..0]
EM20
EM21
EM22
EM23
EM24
EM25