Justin Fortner
10/31/17 1:30
TU-Th 1:30

Part 2

Part2 = 2568
6 oct 2017
2:30pm

NOT

BU ——|>o—— LO

AND

BL ——┐
)——— L1
BR ——┘

OR

S0 ——┐
)——— L2
S1 ——┘

XOR

S0 ——┐
S1 ——┤)o—— L3
S2 ——┘
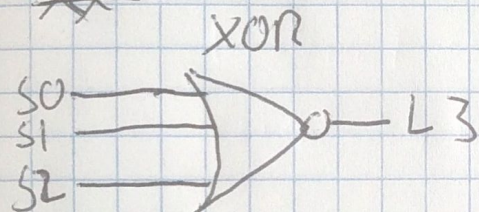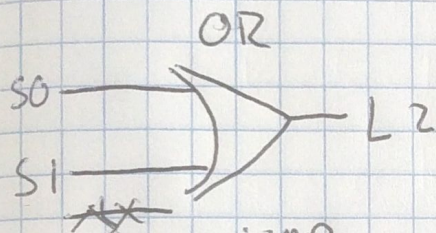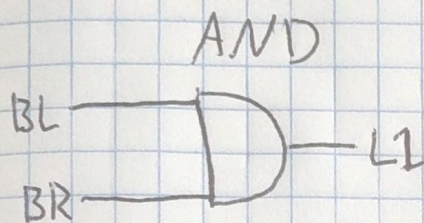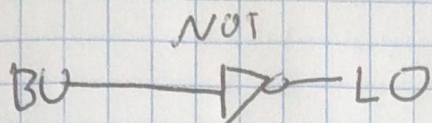
The elaborated design showed that Vivado only likes to display gates with no more than two inputs.

Vivado

S0 ——┐
)o————┐
S1 ——┘   )o—— L3
S3 ————————┘

My design