

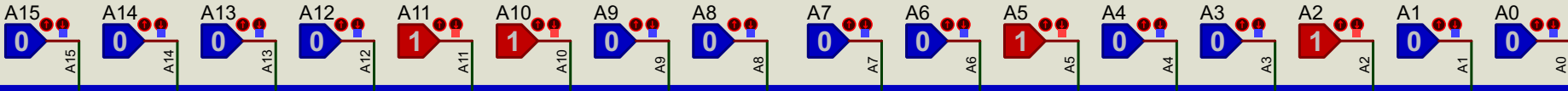
16-Bit Adder/Subtractor

CONTROL

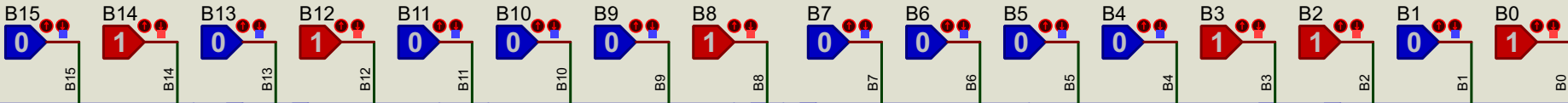
C IN
0

IF CONTROL=0 -> 16-bit Adder
IF CONTROL=1 -> 16-bit Subtractor

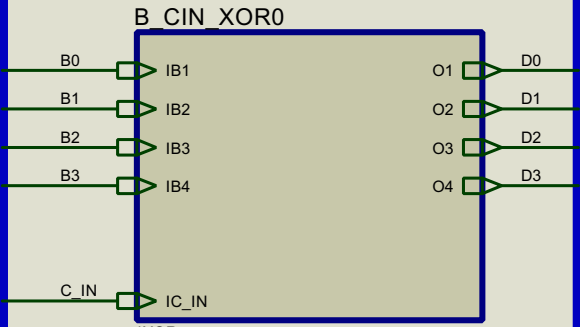
First Number:



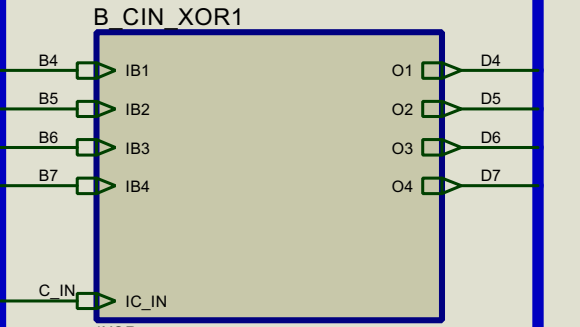
Second Number:



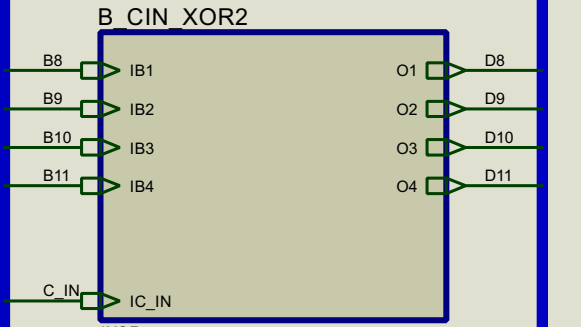
B XOR C_IN



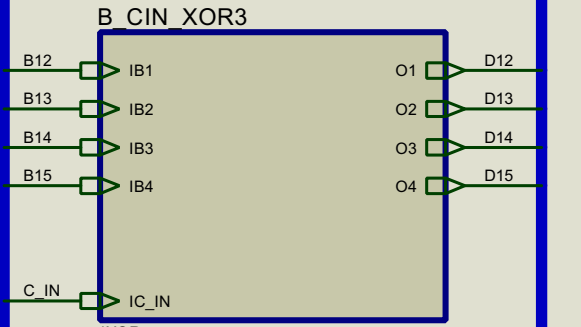
B XOR C_IN



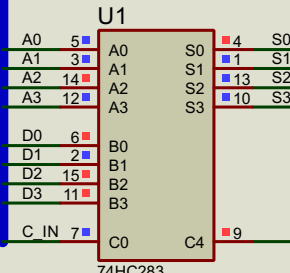
B XOR C_IN



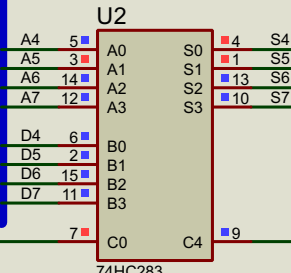
B XOR C_IN



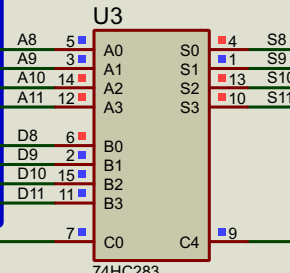
4-Bit Adder



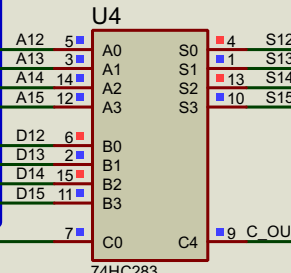
4-Bit Adder



4-Bit Adder



4-Bit Adder



Result:

