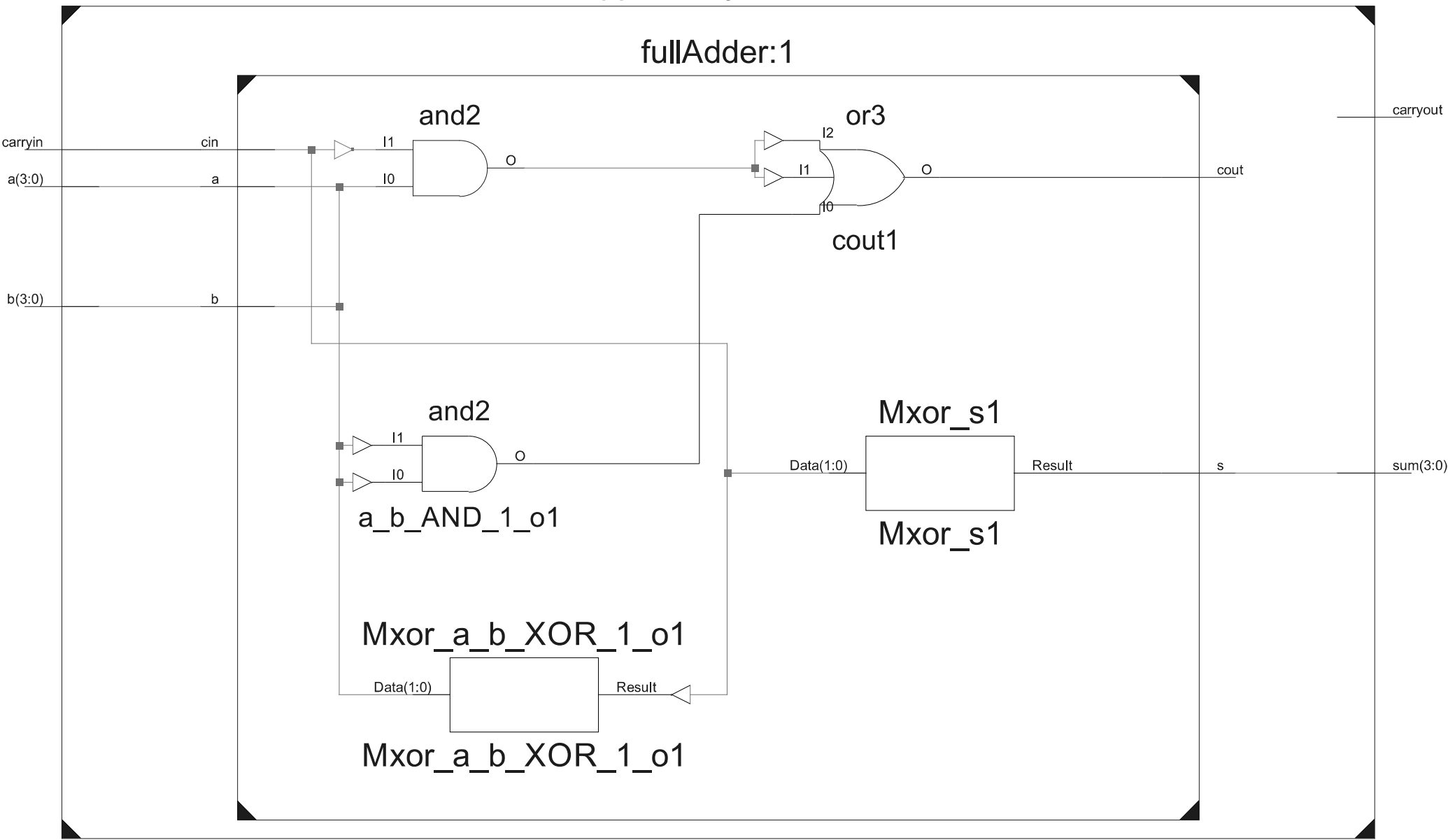
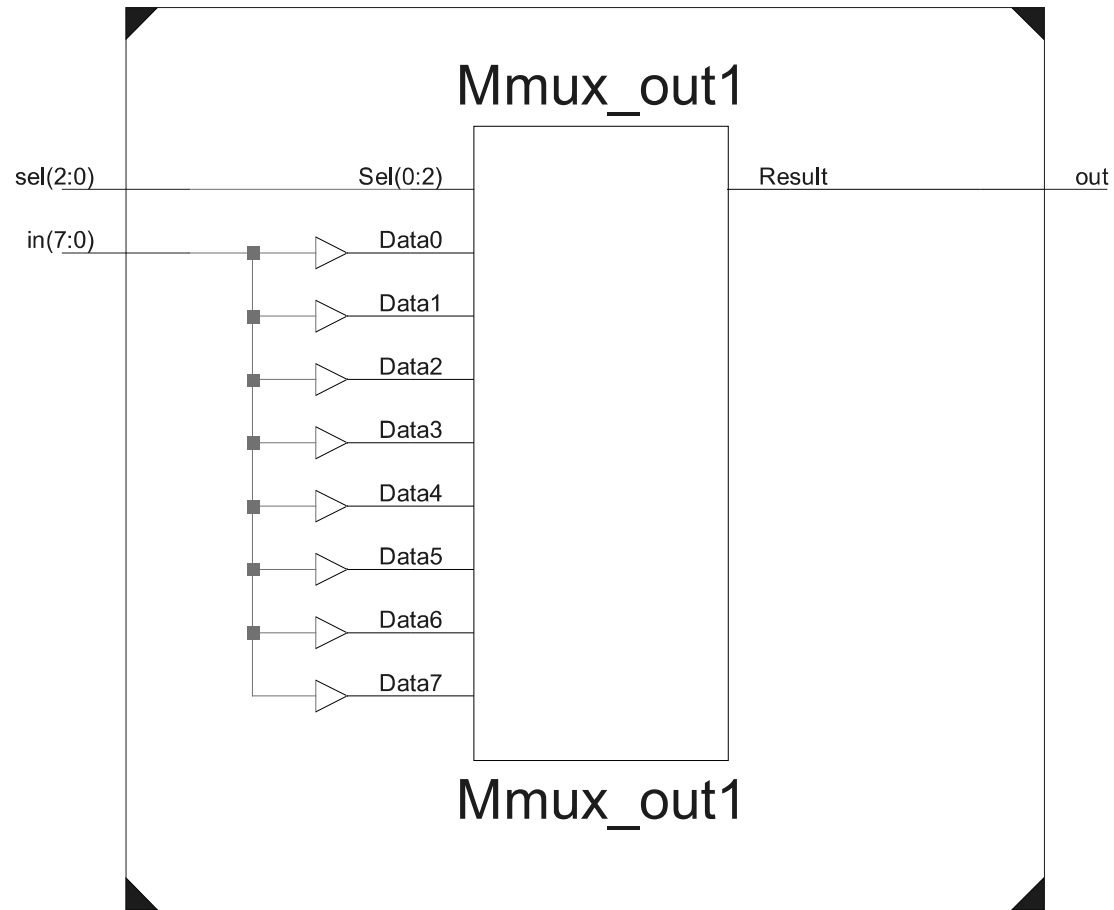


rippleCarryAdder:1

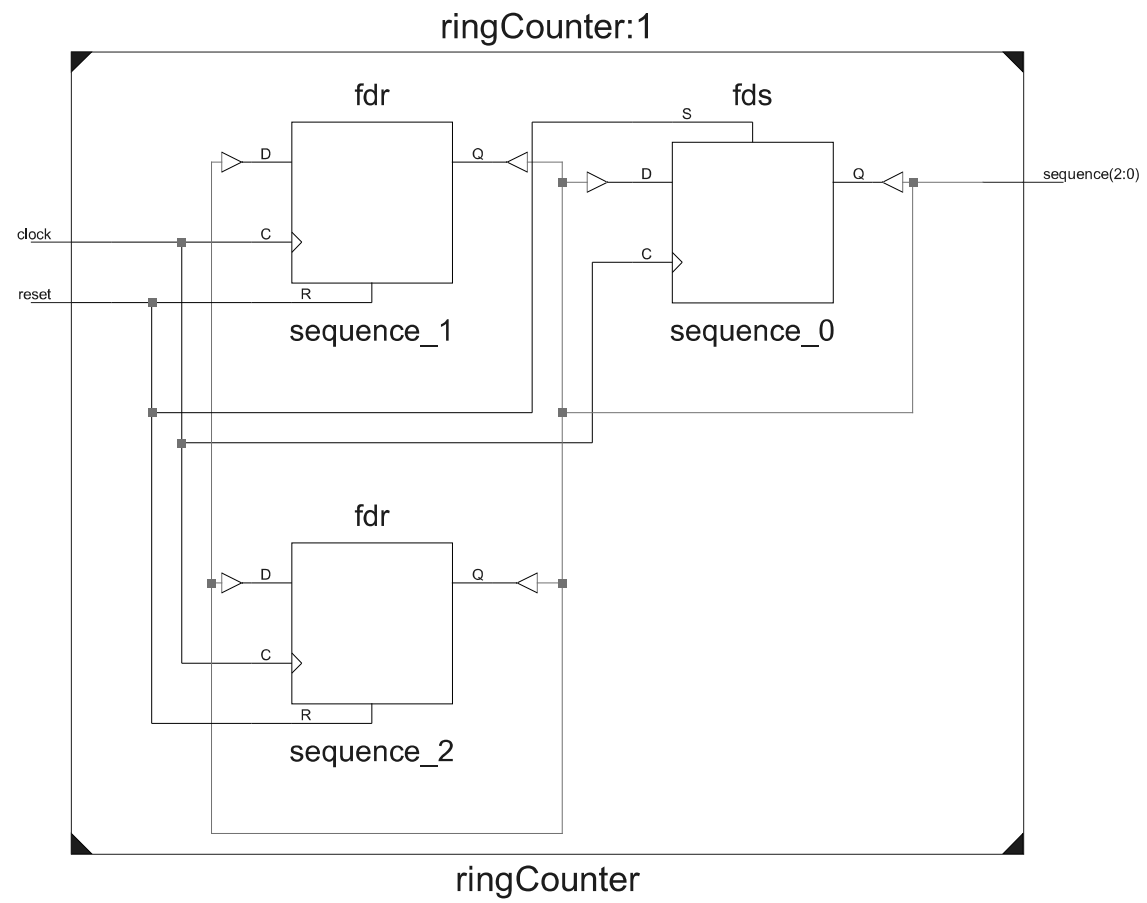


rippleCarryAdder

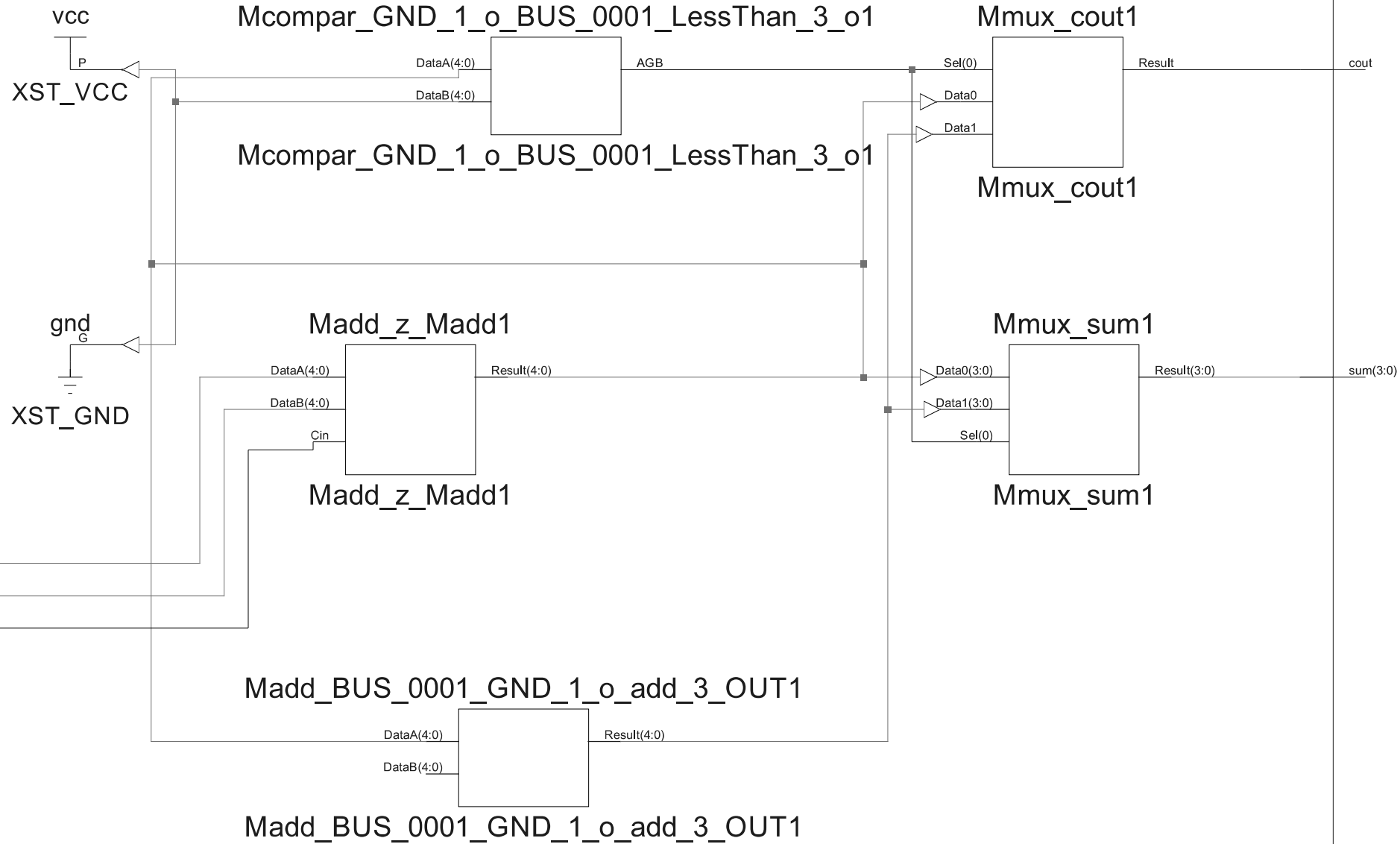
MultiplexerBit_8_1:1



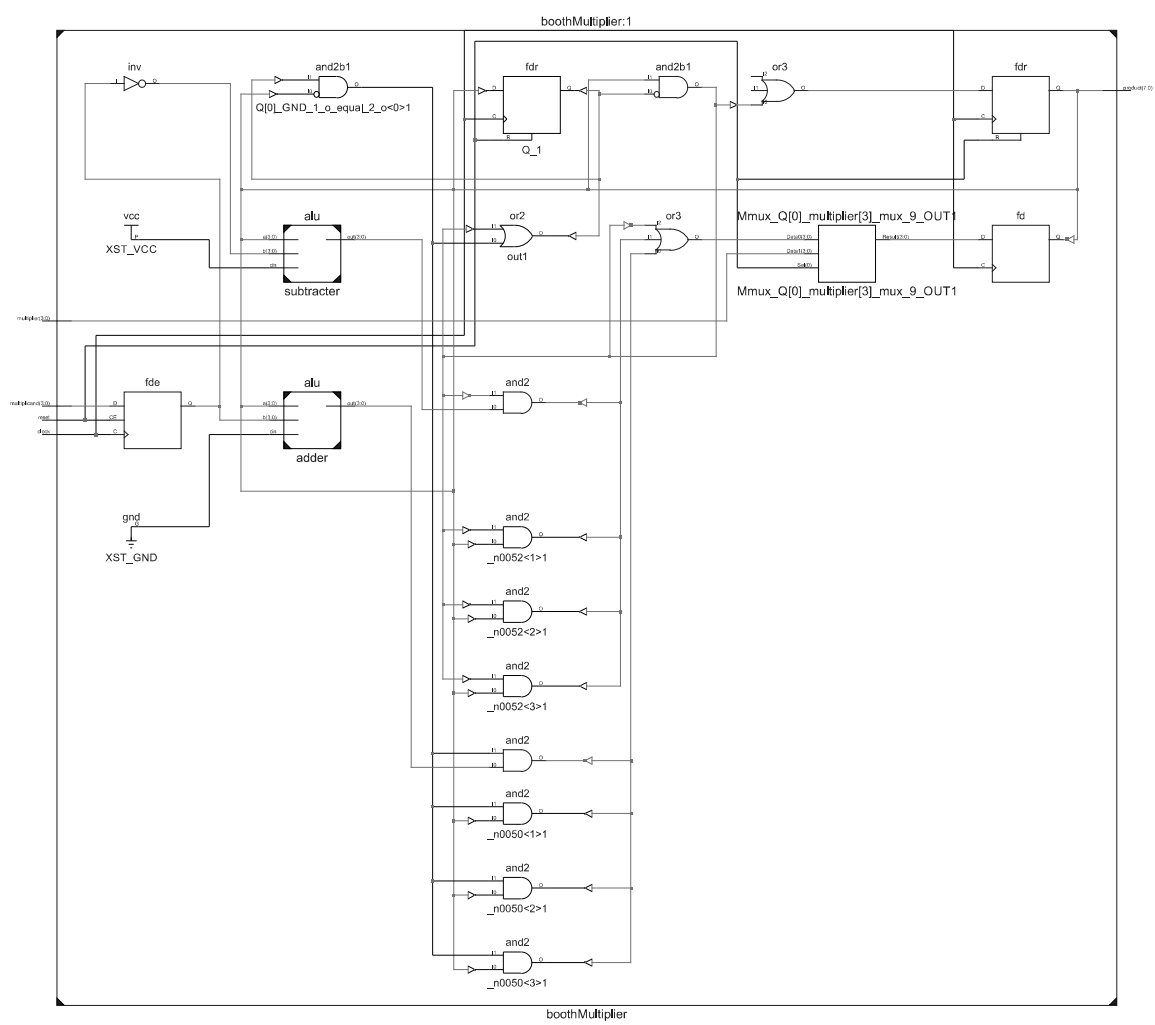
MultiplexerBit_8_1



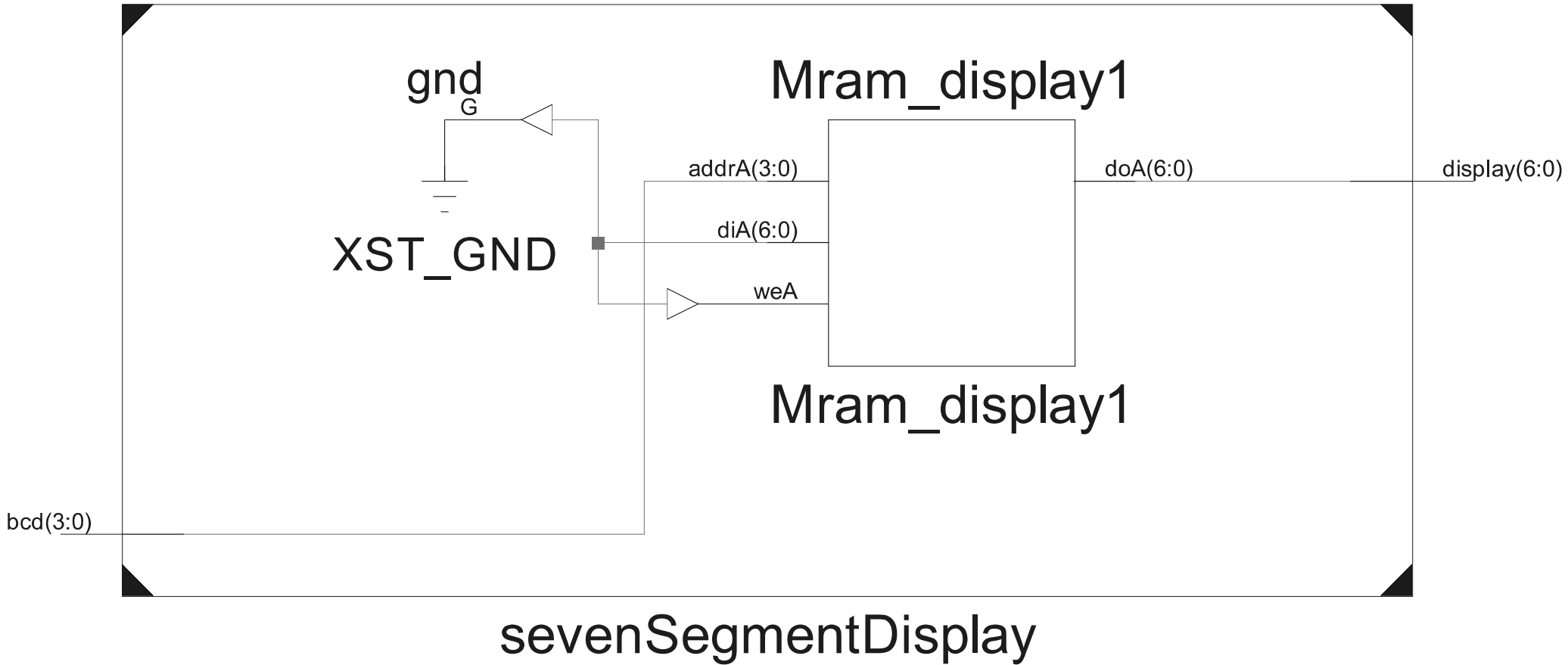
bcdAdder:1



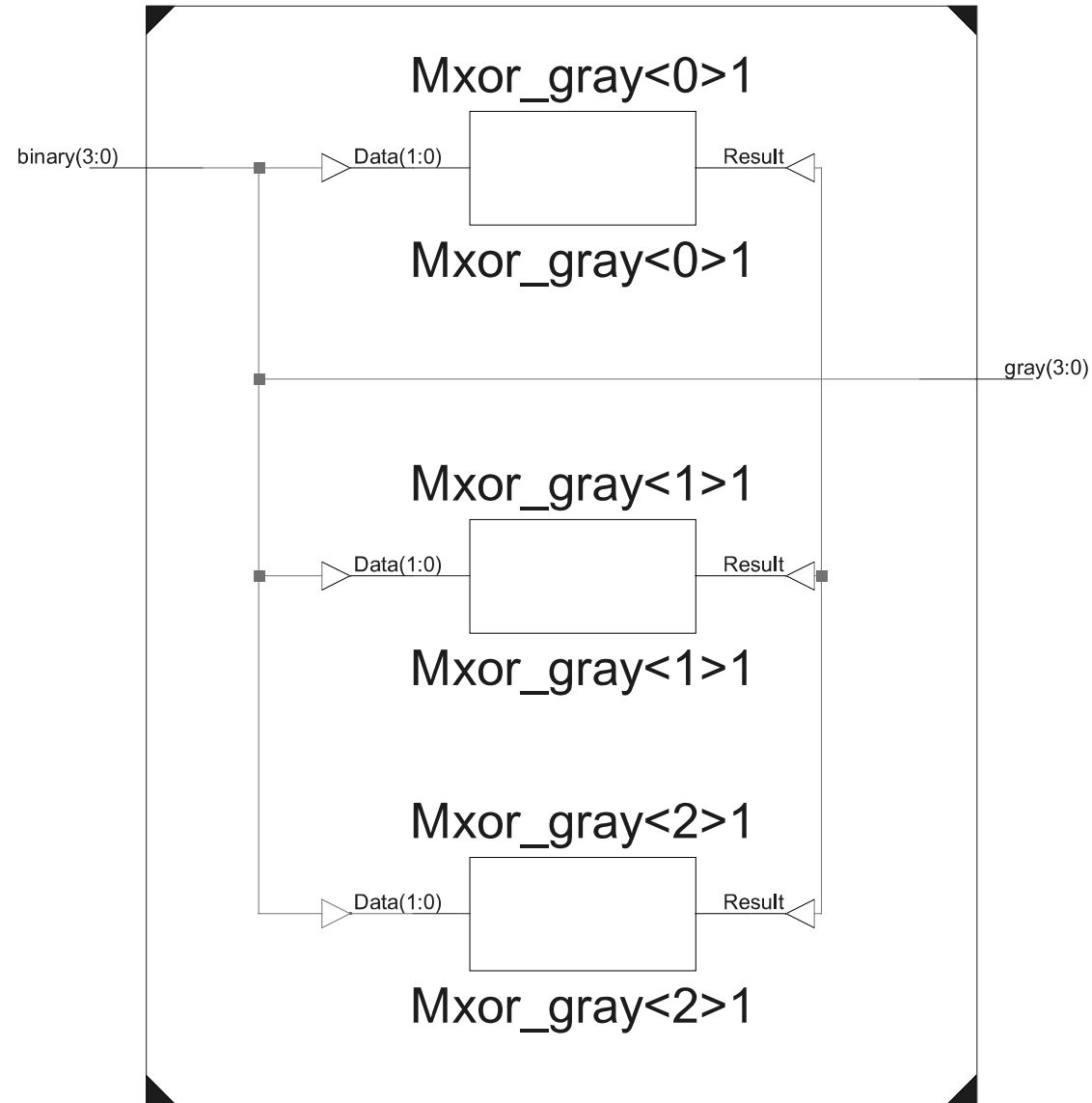
bcdAdder



sevenSegmentDisplay:1



binaryToGrayCode:1



binaryToGrayCode

parityChecker:1

data[3]_reduce_xor_111

Mcompar_parity_result1

Data(3:0)

Result

DataA

ANEB

parity_result

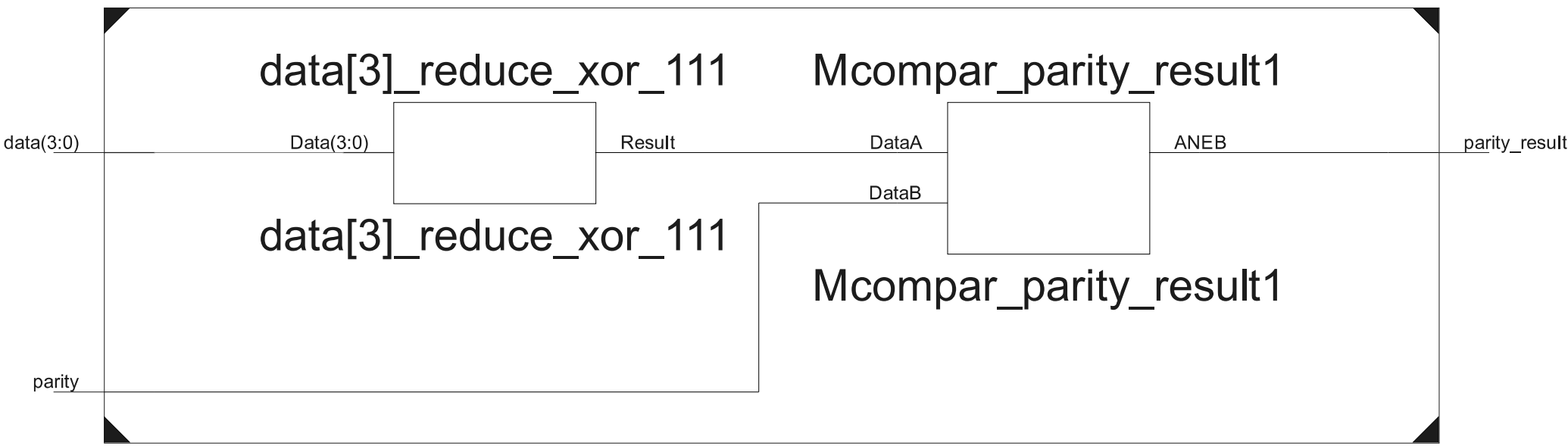
data[3]_reduce_xor_111

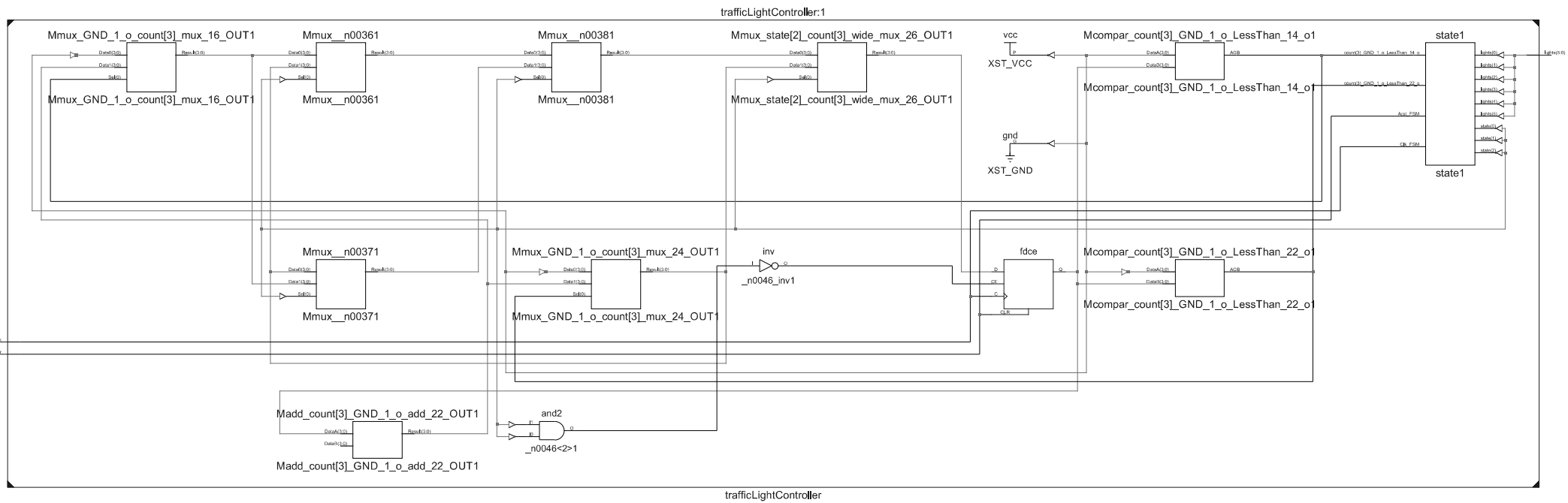
DataB

Mcompar_parity_result1

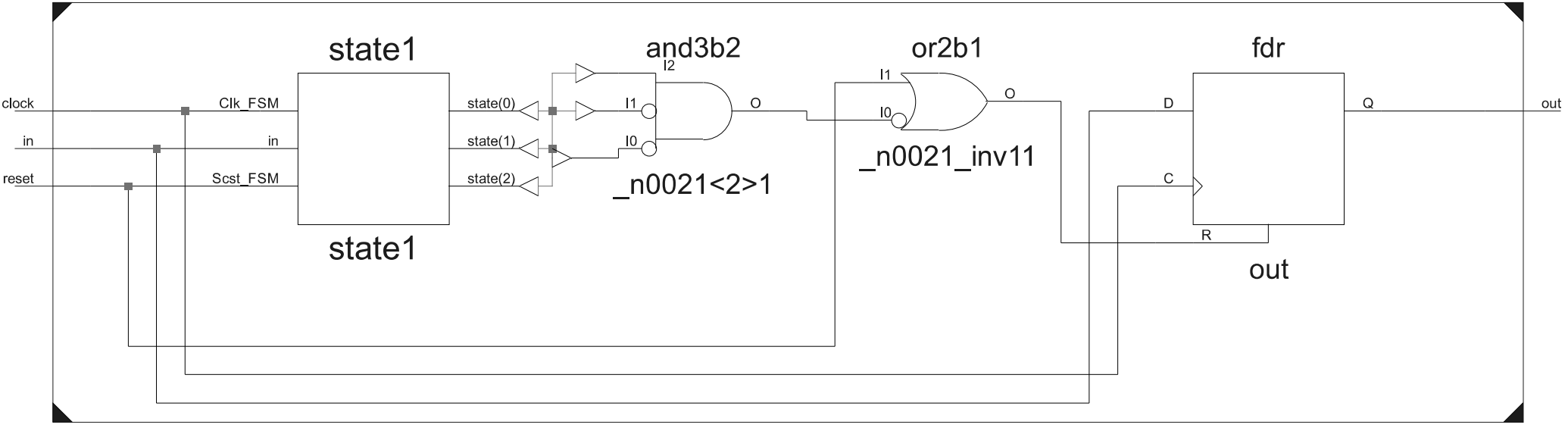
parity

parityChecker





sequencDetector:1



sequencDetector



sum[3:0]



carryout



a[3:0]



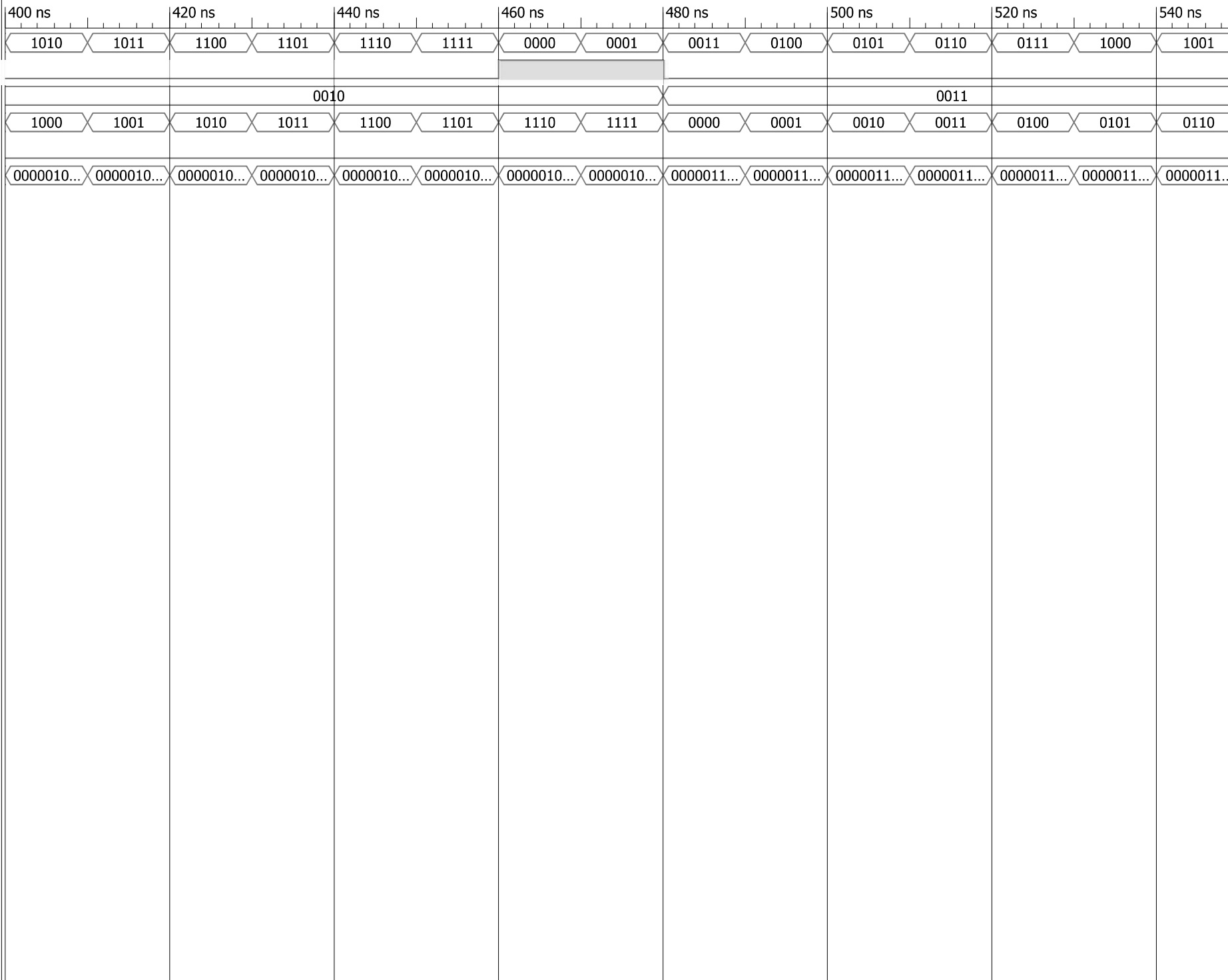
b[3:0]

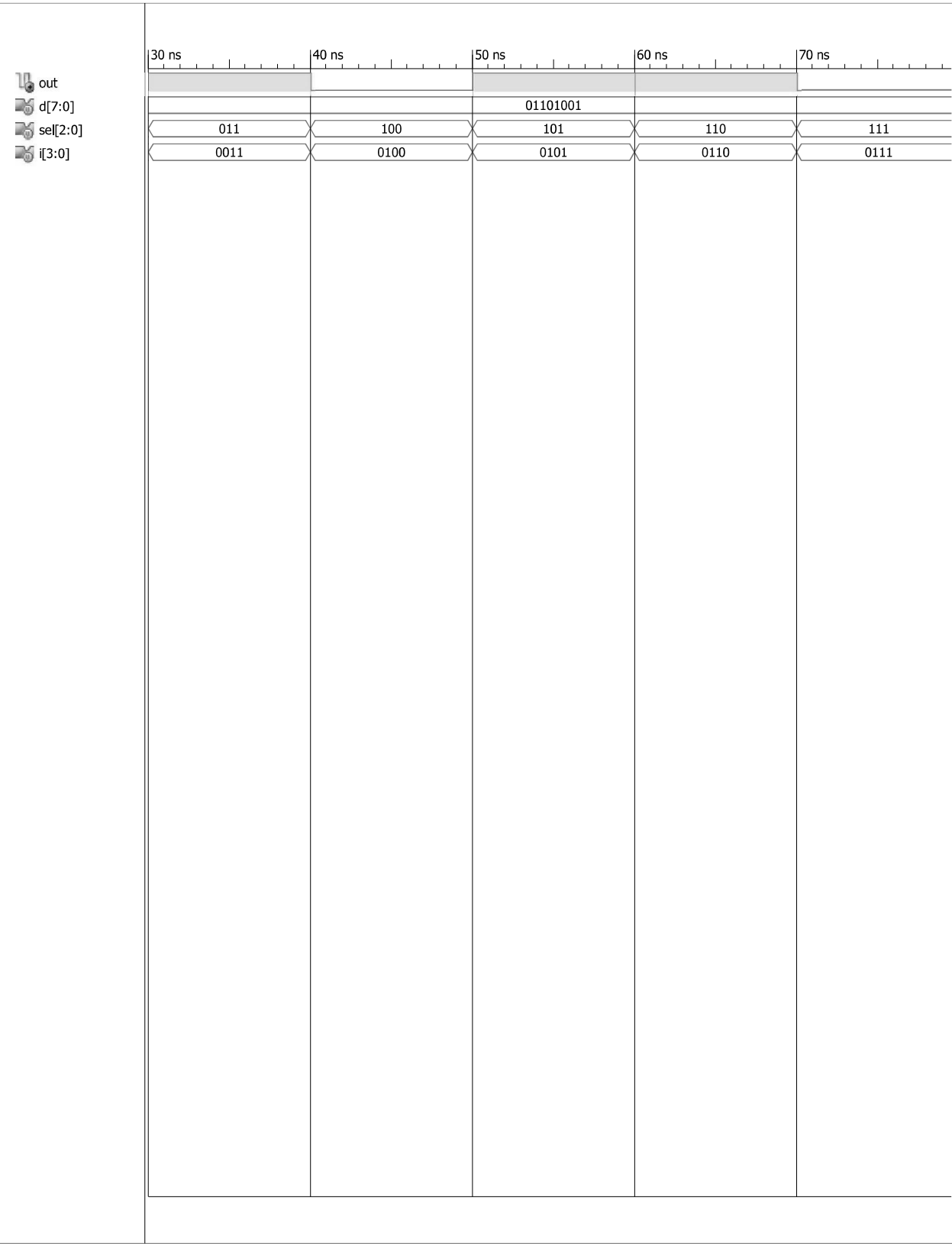


carryin

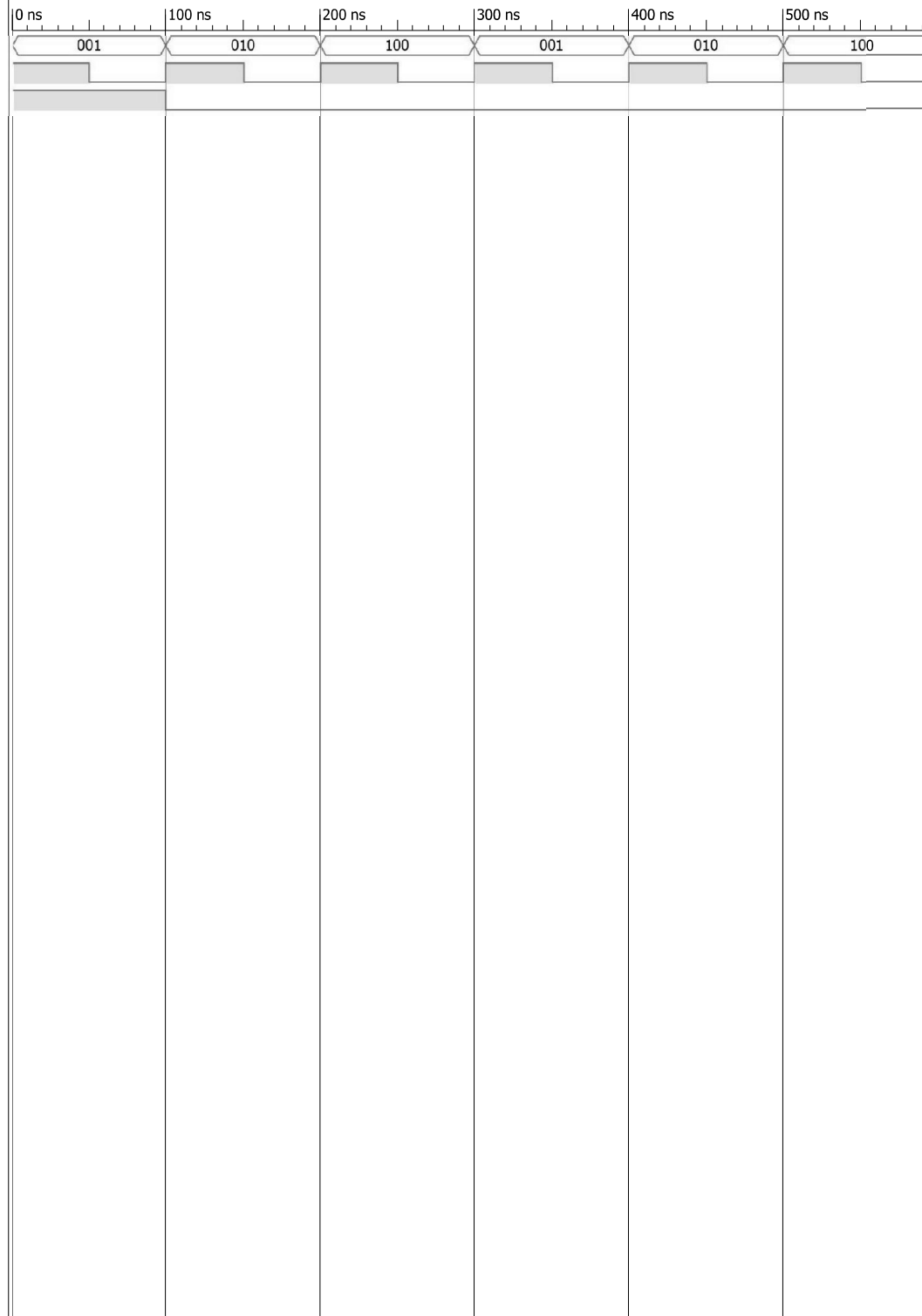


i[10:0]

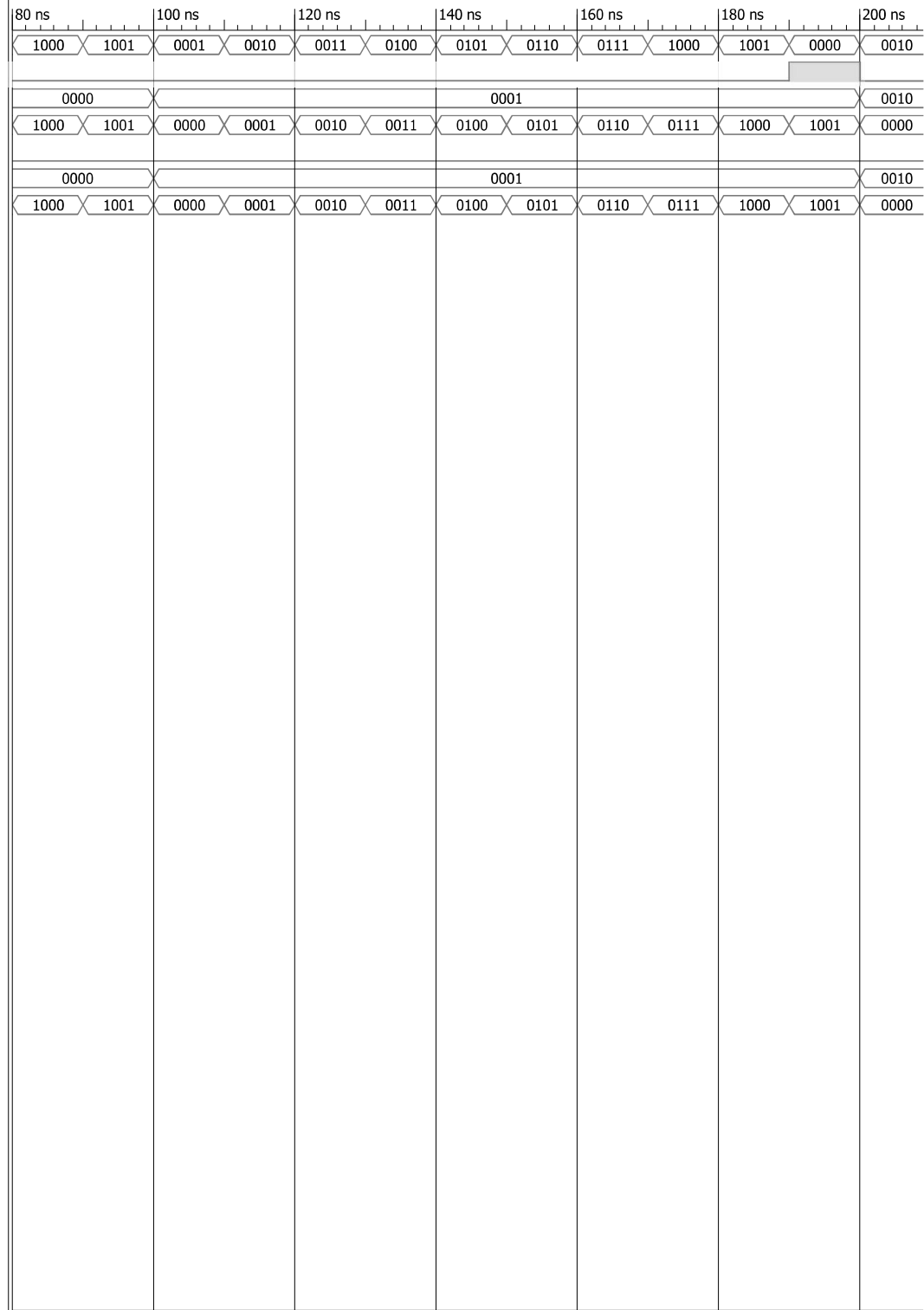




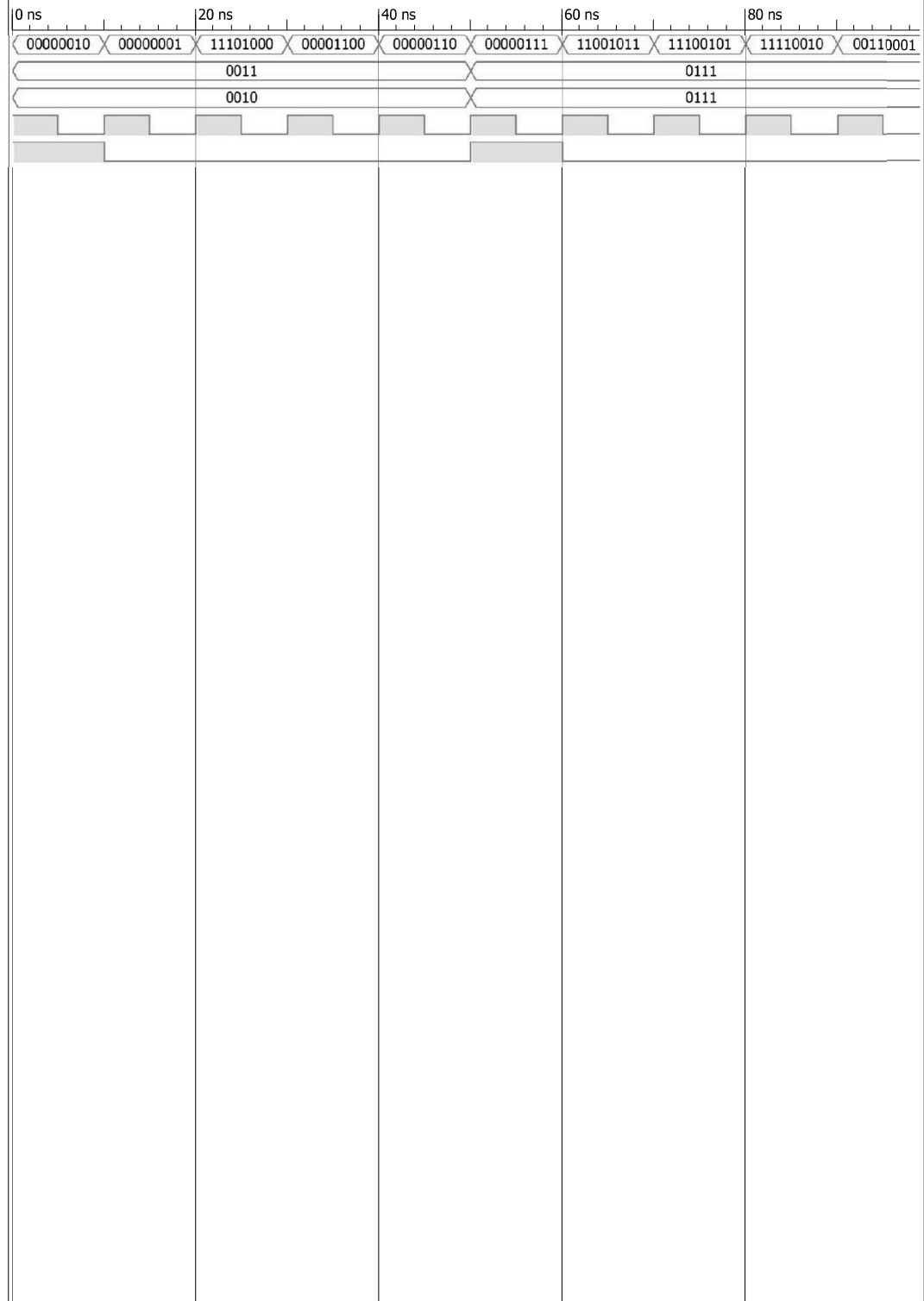
sequence[2:0]
clock
reset



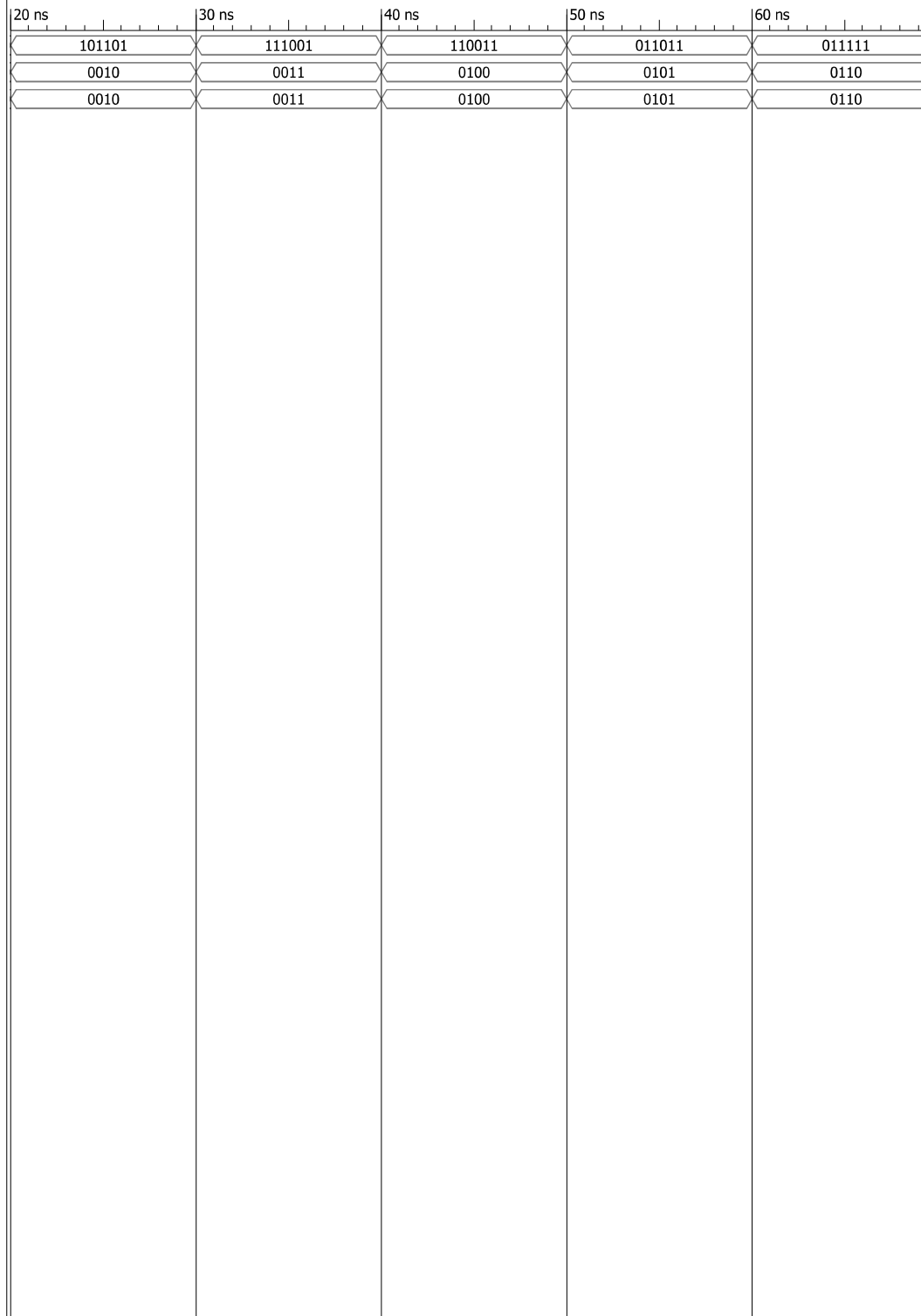
sum[3:0]
cout
a[3:0]
b[3:0]
cin
i[3:0]
j[3:0]






product[7:0]
multiplicand[3:0]
multiplier[3:0]
clock
reset



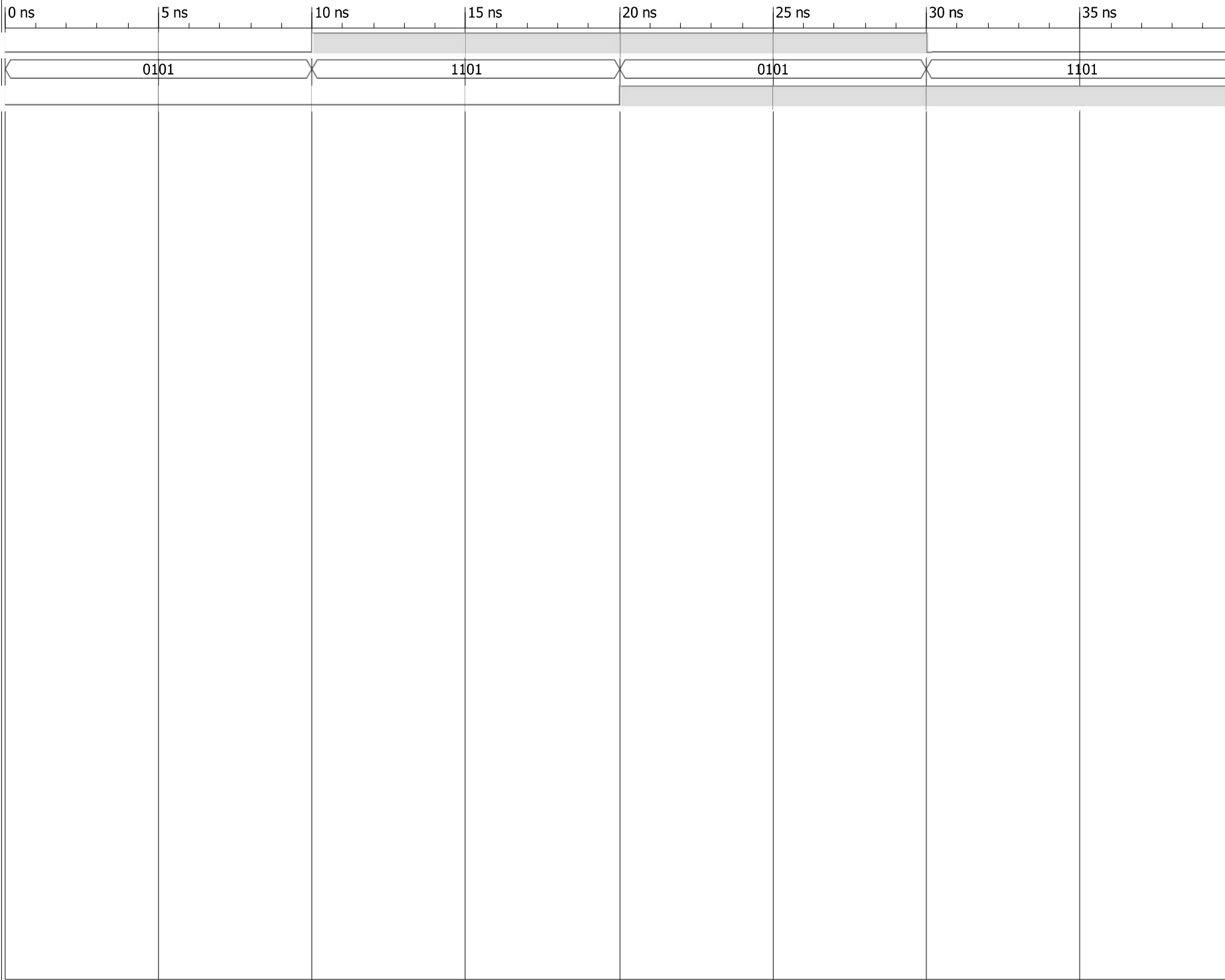
 display[5:0]
 bcd[3:0]
 i[3:0]



 gray[3:0]
 binary[3:0]
 i[4:0]

60 ns			80 ns		100 ns	
0111	0101	0100	1100	1101	1111	1110
0101	0110	0111	1000	1001	1010	1011
00101	00110	00111	01000	01001	01010	01011

parity_result
data[3:0]
parity



lights[5:0]
clk
clr
i[4:0]

