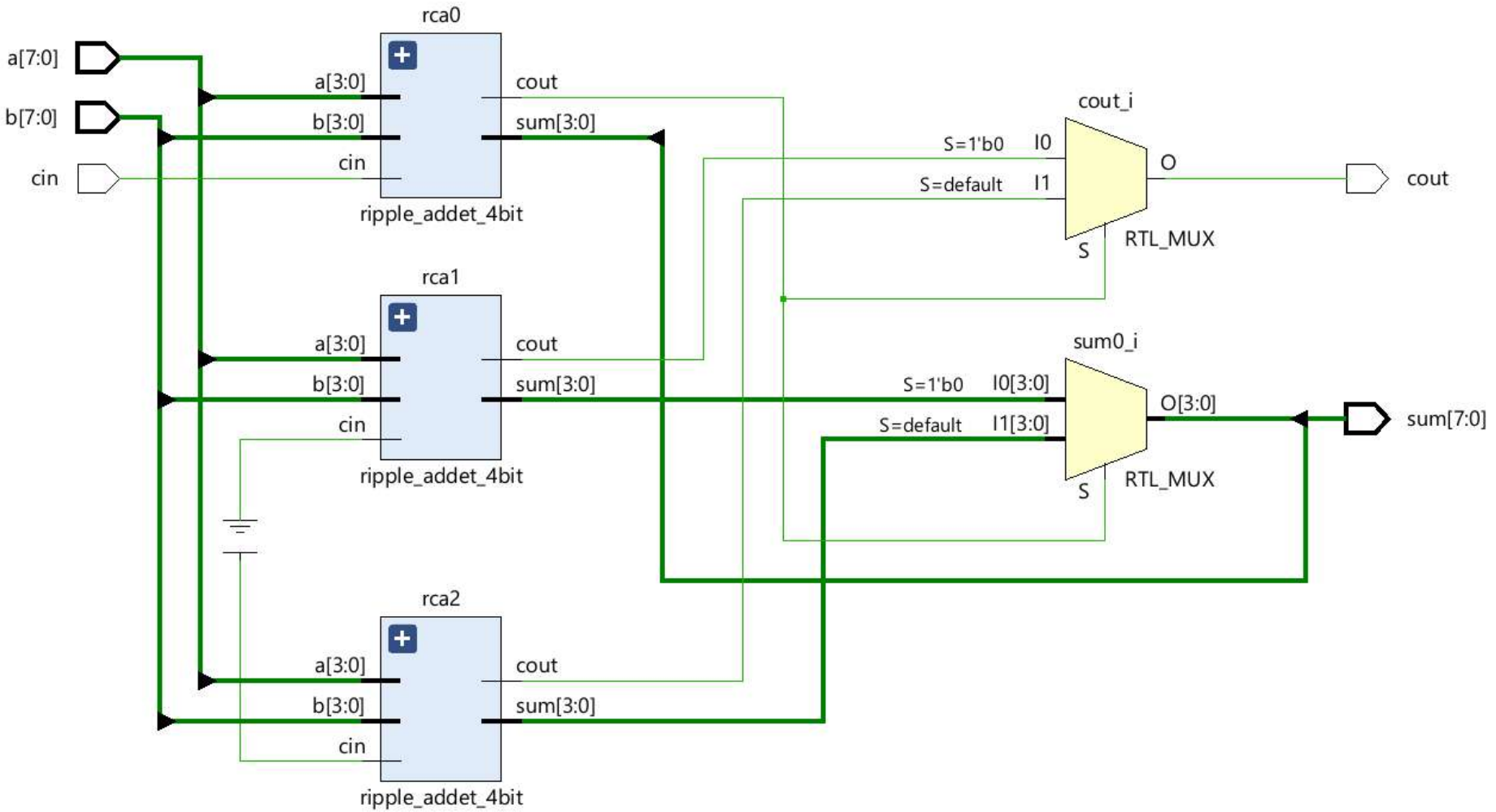
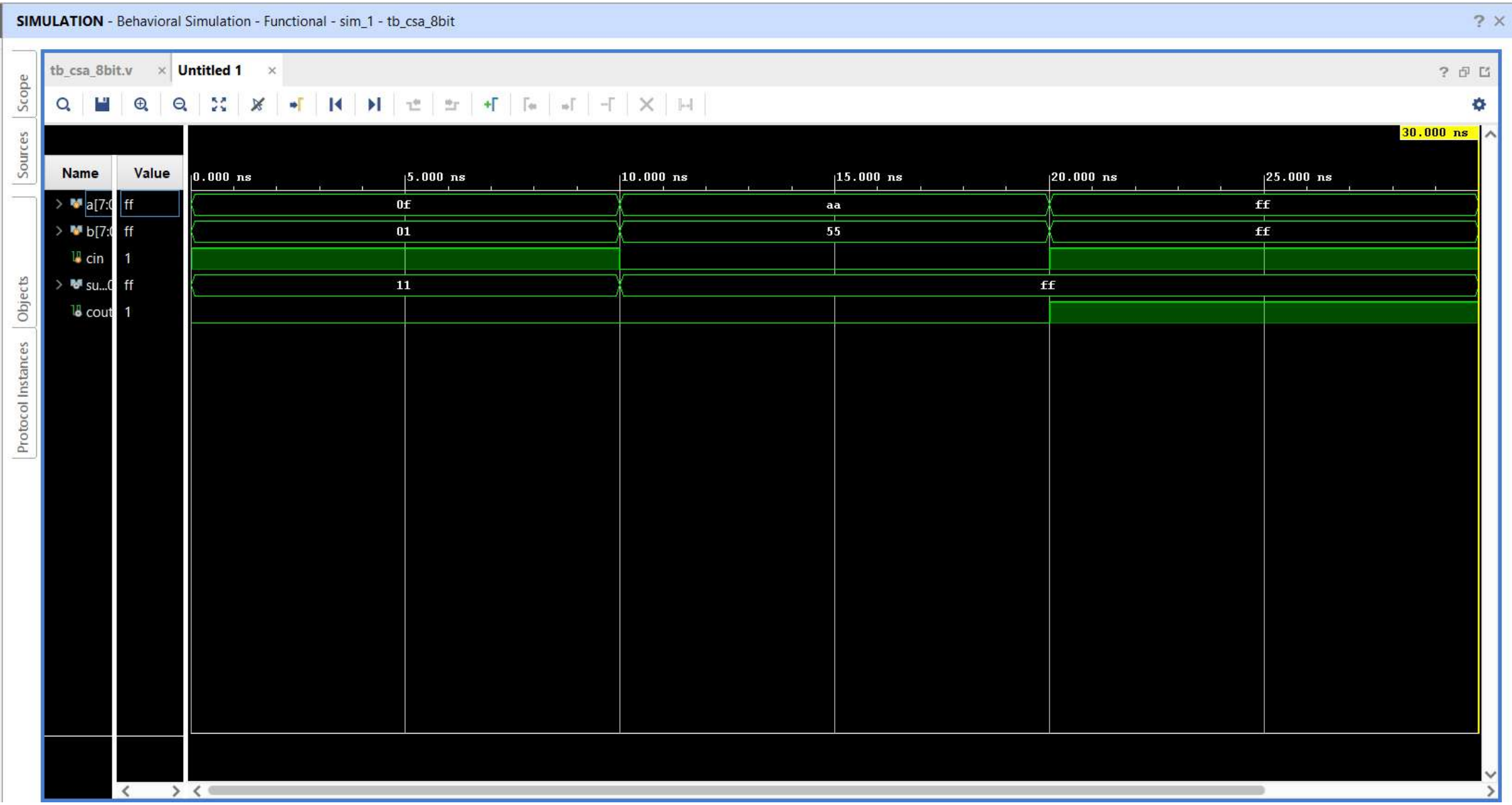

a[7:0]
b[7:0]
cin
rca0
a[3:0]
b[3:0]
cin
cout
sum[3:0]
ripple_addet_4bit
rca1
a[3:0]
b[3:0]
cin
cout
sum[3:0]
ripple_addet_4bit
rca2
a[3:0]
b[3:0]
cin
cout
sum[3:0]
ripple_addet_4bit
cout_i
S=1'b0
I0
S=default
I1
O
S
RTL_MUX
cout
sum0_i
S=1'b0
I0[3:0]
S=default
I1[3:0]
O[3:0]
S
RTL_MUX
sum[7:0]


SIMULATION - Behavioral Simulation - Functional - sim_1 - tb_csa_8bit
tb_csa_8bit.v
Untitled 1
Scope
Sources
Objects
Protocol Instances
Name
Value
a[7:0]
ff
b[7:0]
ff
cin
1
su...[0]
ff
cout
1
30.000 ns
0.000 ns
5.000 ns
10.000 ns
15.000 ns
20.000 ns
25.000 ns
0f
aa
ff
01
55
ff
11
ff

```
Time      a        b        cin      | sum        cout
-------------------------------------------------------
10ns      00001111    00000001    1    | 00010001   0
20ns      10101010    01010101    0    | 11111111   0
30ns      11111111    11111111    1    | 11111111   1
$finish called at time : 30 ns : File "C:/xilinx2/tb csa 8bit.v" Line 56
```