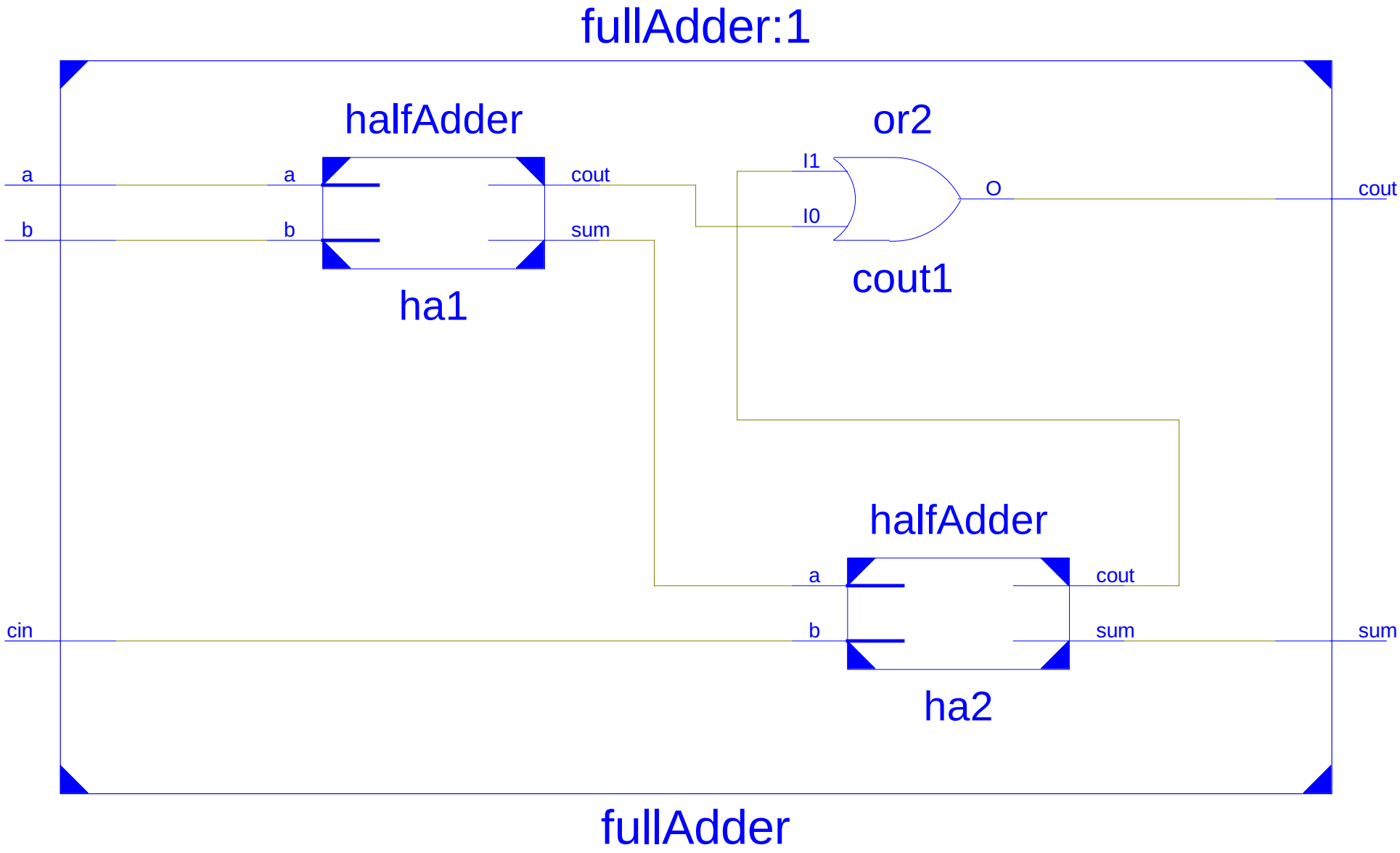
fullAdder:1
halfAdder
or2
a
b
a
b
cout
sum
I1
I0
O
cout
ha1
cout1
halfAdder
a
b
cout
sum
cin
sum
ha2
fullAdder