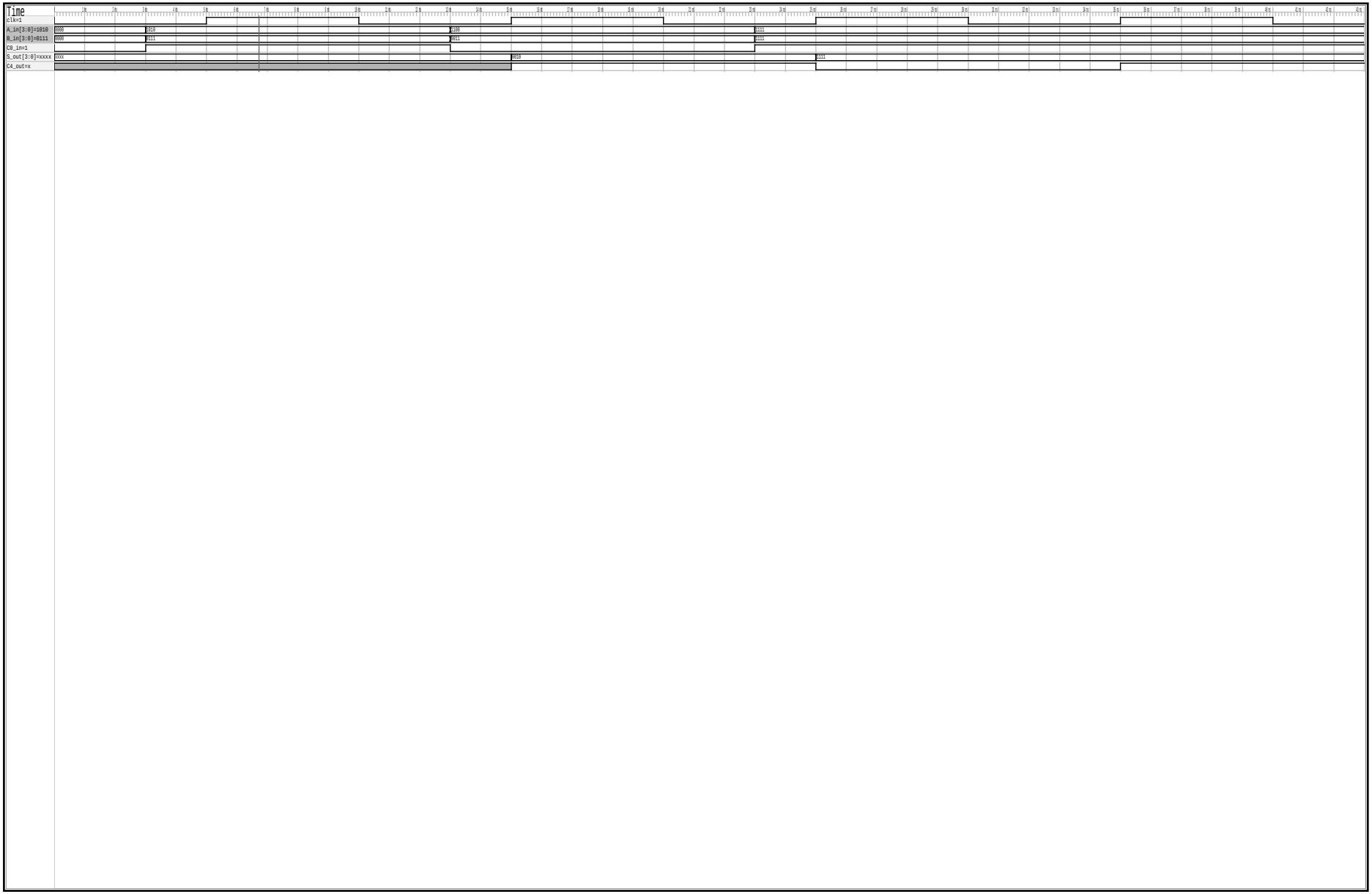
Time
clk=1
A_in[3:0]=1010
B_in[3:0]=0111
C0_in=1
S_out[3:0]=xxxx
C4_out=x
0000
1010
0000
0111
xxxx
1110
0011
0010
1111
0111
0111