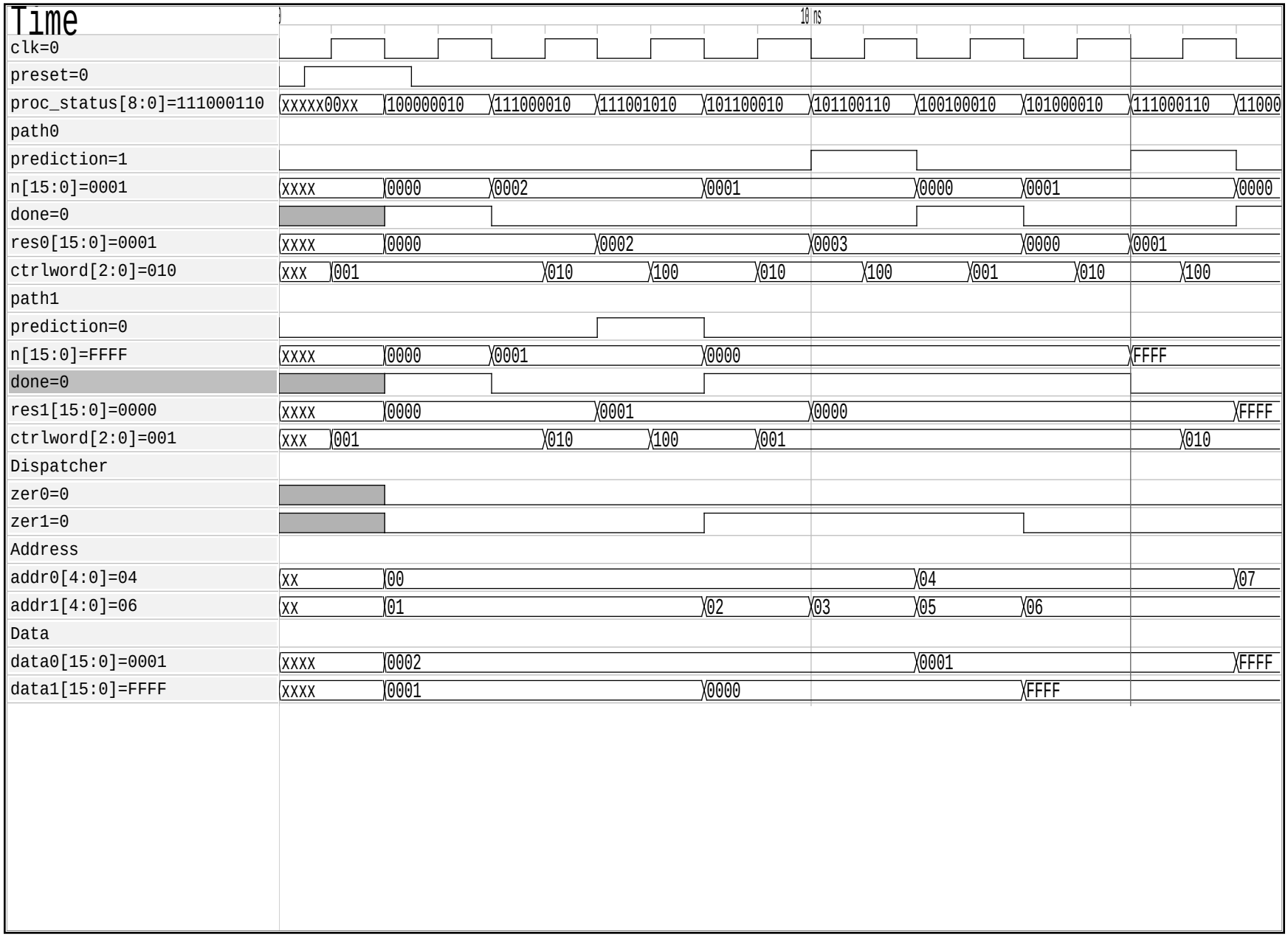
Time
0
10 ns
clk=0
preset=0
proc_status[8:0]=111000110
xxxxx00xx
100000010
111000010
111001010
101100010
101100110
100100010
101000010
111000110
11000
path0
prediction=1
n[15:0]=0001
xxxx
0000
0002
0001
0000
0001
0000
done=0
res0[15:0]=0001
xxxx
0000
0002
0003
0000
0001
ctrlword[2:0]=010
xxx
001
010
100
010
100
001
010
100
path1
prediction=0
n[15:0]=FFFF
xxxx
0000
0001
0000
FFFF
done=0
res1[15:0]=0000
xxxx
0000
0001
0000
FFFF
ctrlword[2:0]=001
xxx
001
010
100
001
010
Dispatcher
zer0=0
zer1=0
Address
addr0[4:0]=04
xx
00
04
07
addr1[4:0]=06
xx
01
02
03
05
06
Data
data0[15:0]=0001
xxxx
0002
0001
FFFF
data1[15:0]=FFFF
xxxx
0001
0000
FFFF