

select_vector[1:0]

[1]

[0]

input_vector[3:0]

[3]

[2]

[1]

[0]

output

800 ns

1,000 ns

1,200 ns

01

10

0... 0001 0010 0011 0100 0101 0110 0111 1000 1001 1010 1011 1100 1101 1110 1111 ...