Chip Name: DMux4Way

Inputs: in, sel[2]

Outputs: a, b, c, d

Function: If sel = 00 then (a = in, b = c = 0)
else if sel = 01 then (b = in, a = c = d = 0)
else if sel = 10 then (c = in, a = b = d = 0)
else if sel = 11 then (d = in, a = b = c = 0)

sel[1]	sel[0]	a	b	c	d
0	0	in	0	0	0
0	1	0	in	0	0
1	0	0	0	in	0
1	1	0	0	0	in