And

a	b	out
0	0	0
0	1	0
1	0	0
1	1	1

Or

a	b	out
0	0	0
0	1	1
1	0	1
1	1	1

Not

in	out
0	1
1	0

Dmux

in	sel	a	b
0	0	0	0
0	1	0	0
1	0	1	0
1	1	0	1

Mux

a	b	sel	out
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	1
1	0	0	1
1	0	1	0
1	1	0	1
1	1	1	1