

AND

a	b	output
0	0	0
0	1	0
1	0	0
1	1	1

NOT

in	out
1	0
0	1

OR

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

XOR

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

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

DMUX

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