

A	B	AB = Result	1 = true = on	A.B	AB
0	0	0	0 = false = off		
0	1	0			
1	0	0			
1	1	1			

A	A'	A.A'		$A(A + B) = A$	A	B	A + B	A(A+B)		A	B	AB	(AB)'	A'	B'	A' + B'
0	1	0			0	0	0	0		0	0	0	1	1	1	1
1	0	0			0	1	1	0		0	1	0	1	1	0	1
					1	0	1	0		1	0	0	1	0	1	1
					1	1	1	1		1	1	1	0	0	0	0

A	B	A + B = Result	1 = true = on	A + B
0	0	0	0 = false = off	
0	1	1		
1	0	1		
1	1	1		