INPUTS			Ouputs	
IN1	IN2	IN3	OUT1	OUT2
0	0	0	0	0
0	0	1	0	1
0	1	0	1	0
0	1	1	0	0
1	0	0	1	0
1	0	1	0	1
1	1	0	1	0
1	1	1	0	0