

Mode: 1 Gate: NOR		
IN 1	IN 2	OUT
0	0	1
1	0	0
0	1	0
1	1	0

Mode: 2 Gate: OR		
IN 1	IN 2	OUT
0	0	0
1	0	1
0	1	1
1	1	1

Mode: 3 Gate: NAND		
IN 1	IN 2	OUT
0	0	1
1	0	1
0	1	1
1	1	0

Mode: 4 Gate: AND		
IN 1	IN 2	OUT
0	0	0
1	0	0
0	1	0
1	1	1

Mode: 5 Gate: XOR		
IN 1	IN 2	OUT
0	0	0
1	0	1
0	1	1
1	1	0

Mode: 6 Gate: XNOR		
IN 1	IN 2	OUT
0	0	1
1	0	0
0	1	0
1	1	1

Mode: 7 Gate: Compound Gate		
IN 1	IN 2	OUT
0	0	0
1	0	1
0	1	0
1	1	1

Mode: 8 Gate: Compound (Low Output)		
IN 1	IN 2	OUT
0	0	0
1	0	1
0	1	0
1	1	1