NE555 Timer

Pin	Name
1	Ground
2	Trigger
3	Output
4	Reset
5	Control Voltage
6	Threshold
7	Discharge
8	+Vcc Supply

FLIP-FLOP

	R	S	Q	$\overline{Q}$	Comments
1.	0	1	1	0	Q is set to 1 by 1 on S
2.	0	0	1	0	No Change after set
3.	1	0	0	1	Q is reset to 0 by 1 on R
4.	0	0	0	1	No Change after reset
5.	1	1	0	0	Not allowed (both outputs at 0)
6.	0	0	?	?	If both inputs change from 11 to 00 outputs will be INDETERMINATE