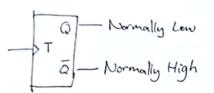


Monostabe -> Istorble state. -> one shot.

Bistable -> 2 stolle state -> Flip flip /multi viduation.

Astable & No stortlestate > constantly changing > oscillator

One shot.



Schmitt - Trigger oscillator generates restantan public FF can change the frequency of redangton pulse One shot can change the pulse with it rectangular pulse

It has a stable output state, normally Q=0 When T is triggered, it suitches to Quasi-stable State (Q=1) for a fixed period, tp.

Non-retriggerable one-shot don't respond to trigger during Quasi stable state.

Retriggerable and can be retriggered while it is in the Quasia stable

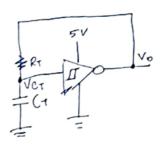
Stable

State.

Schmitt - Trigger Inverter.

7904.

Oscillations may occur at output if input stays in the forbidden region (reither "O" nor "I") for foolong



Assume Vo was Hin the initially. Ct will charge towards Vo, hen VCT goes above VT+, Vo suitch to L. This cause Ct to discharge, when VCT goes below VT- 1 Vo suitch to H. This causing CT to charge up again. This cycle. reports chesults in rectangular pulse at Vo.

rormal Von
H

Smitch

Standard

How increasing input must go higher than VT-1

VI. VT. V.

decreasing in put must on getter. Comer than VT - for the output to suitch to H.