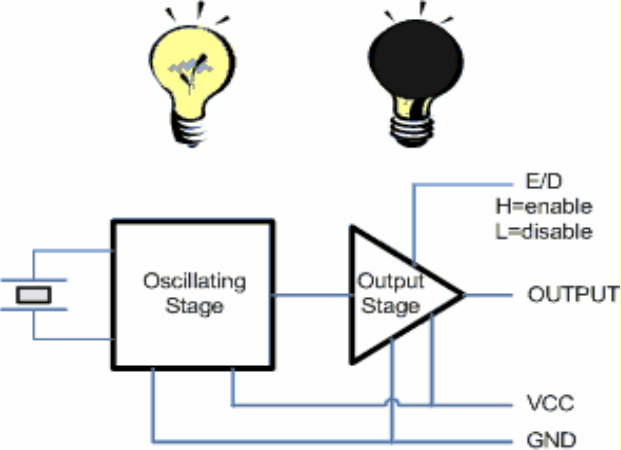
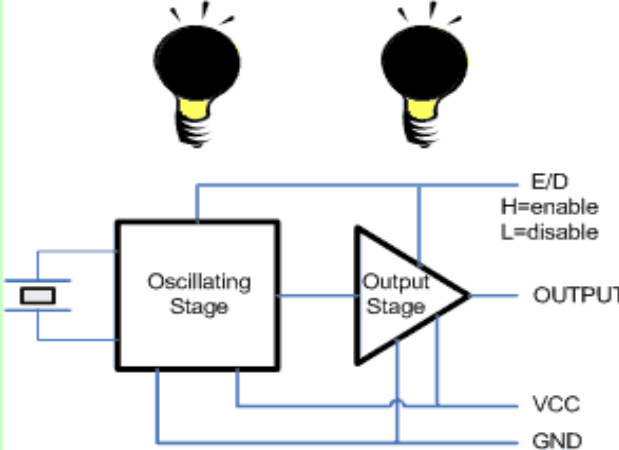
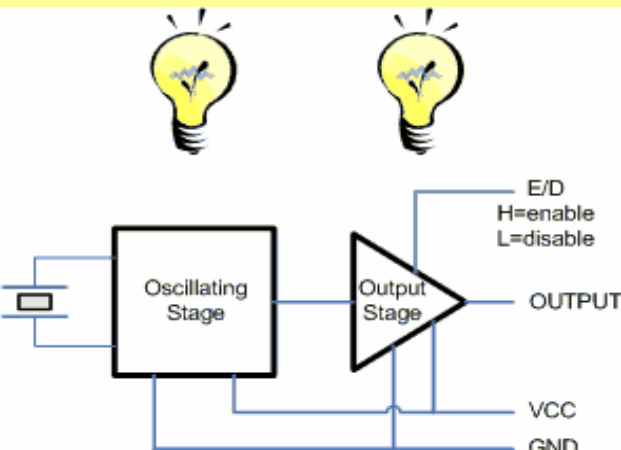
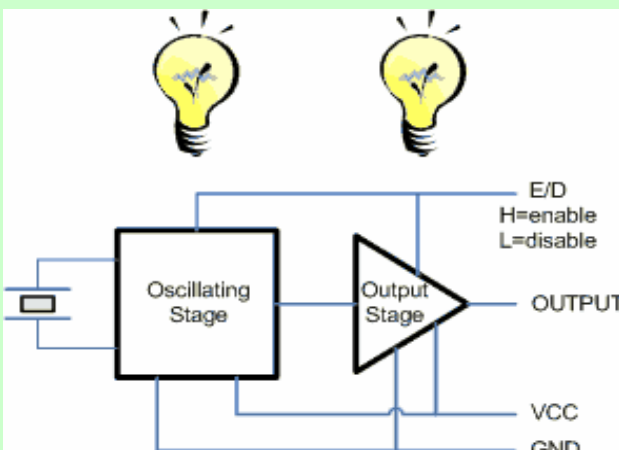


# Difference of Standby Modes in Jauch Oscillators



Short Description	"TRI = Tristate only"	"STP = Stop with Tristate"
Explanation	during standby: Oscillating stage operates & Output has Tristate* function	during standby: Oscillating stage stops & Output has Tristate* function
Standby function "Disabled" signal output disabled	 <p>Example values:                      Oscillator Power, <math>V_{DD} = 5V</math>                      Current Consumption = reduced (3mA)                      E/D = 0V (Logic Low)                      Output = no signal, high impedance                      Oscillation Circuit = fully enabled                      Output Circuit = disabled</p>	 <p>Example values:                      Oscillator Power, <math>V_{DD} = 5V</math>                      Current Consumption = almost Zero (some <math>\mu A</math>)                      E/D = 0V (Logic Low)                      Output = no signal, high impedance                      Oscillation Circuit = disabled                      Output Circuit = disabled</p>
Standby function "Enabled" signal output active	 <p>Example values:                      Oscillator Power, <math>V_{DD} = 5V</math>                      Current Consumption = 10 mA                      E/D = 5V (Logic High or Open)                      Output = active (clock signal)                      Oscillation Circuit = fully enabled                      Output Circuit = enabled                      Enable Time <math>\leq 250nsec</math>.</p>	 <p>Example Values:                      Oscillator Power, <math>V_{DD} = 5V</math>                      Current Consumption = 10 mA                      E/D = 5V (Logic High or Open)                      Output = active (clock signal)                      Oscillation Circuit = fully enabled                      Output Circuit = enabled                      Enable Time = 1...10msec.</p>
Application	output multiplexed applications, <u>fast</u> reaction of output reduced power consumption when disabled	battery powered applications, power consumption <u>very low</u> when disabled, <u>slow</u> reaction of output

\*Tristate

Tristate means that the output can have 3 states: High or Low when enabled / High Impedance if disabled