



Connection:

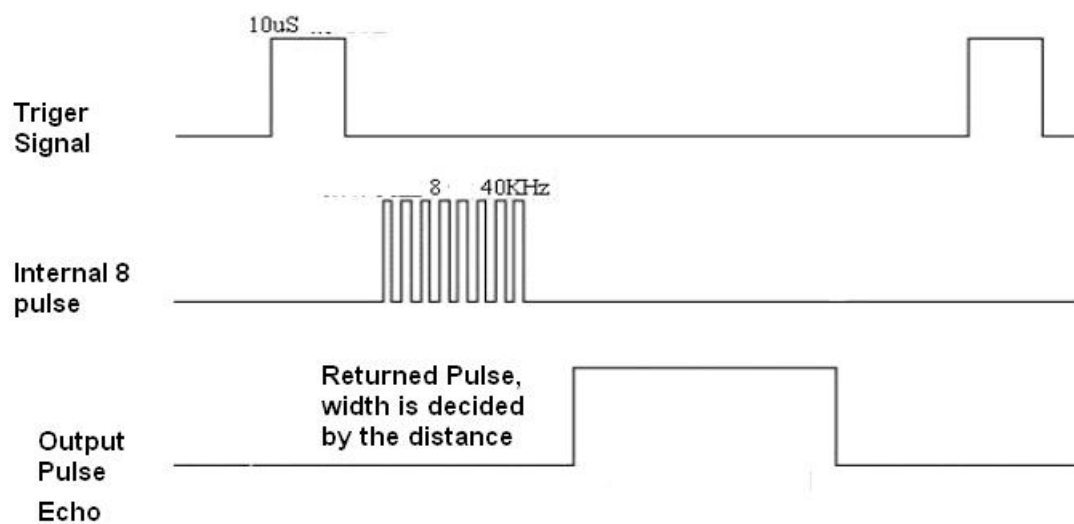
VCC: +5V

TRIGGER: Send start pulse

Echo: Returned Pulse

GND: GND

Ultrasonic desprition:



How to operate:

(1) Use I/O trigger, get an pulse signal which is at least 10us long;

(2) The ultra sonic module will automatically send eight 40khz square waves, automatically detects whether there is a reflect signal;

(3) When there is an reflect signal back, the I/O will output a high level, the duration of the high-level signal is the time from untral sonic launch to return. As a result, the Measured distance = $(T(\text{Time of High-Level output}) * (340M / S)) / 2$; (Suggested measure period should >60ms to avoid the wrong echo signal)