Waterproof Ultrasonic Sensor Module (JSN-SR04T)

Product features:
- Small size, convenient to use, it can accurately measure distance
- Low voltage, low power consumption, stable performance
- High measuring precision, strong anti-interference ability
- Integrated with wire enclosed water-resistant sensor, suitable for wet, harsh measurement occasions

Basic Working Principle:
(1) Using IO port TRIG trigger measuring distance, high level signal for at least 10uS.
(2) Module automatically sends eight 40kHz square wave, automatically detects whether there is return signal.
(3) When there is return signal, through IO port ECHO output a high level, the duration of the high level is the time of ultrasonic wave from sending to returning. Test distance = (high level time * sound velocity (340m/S))/2;