KE2041 KEYES HC-SR04 ultrasonic sensor module
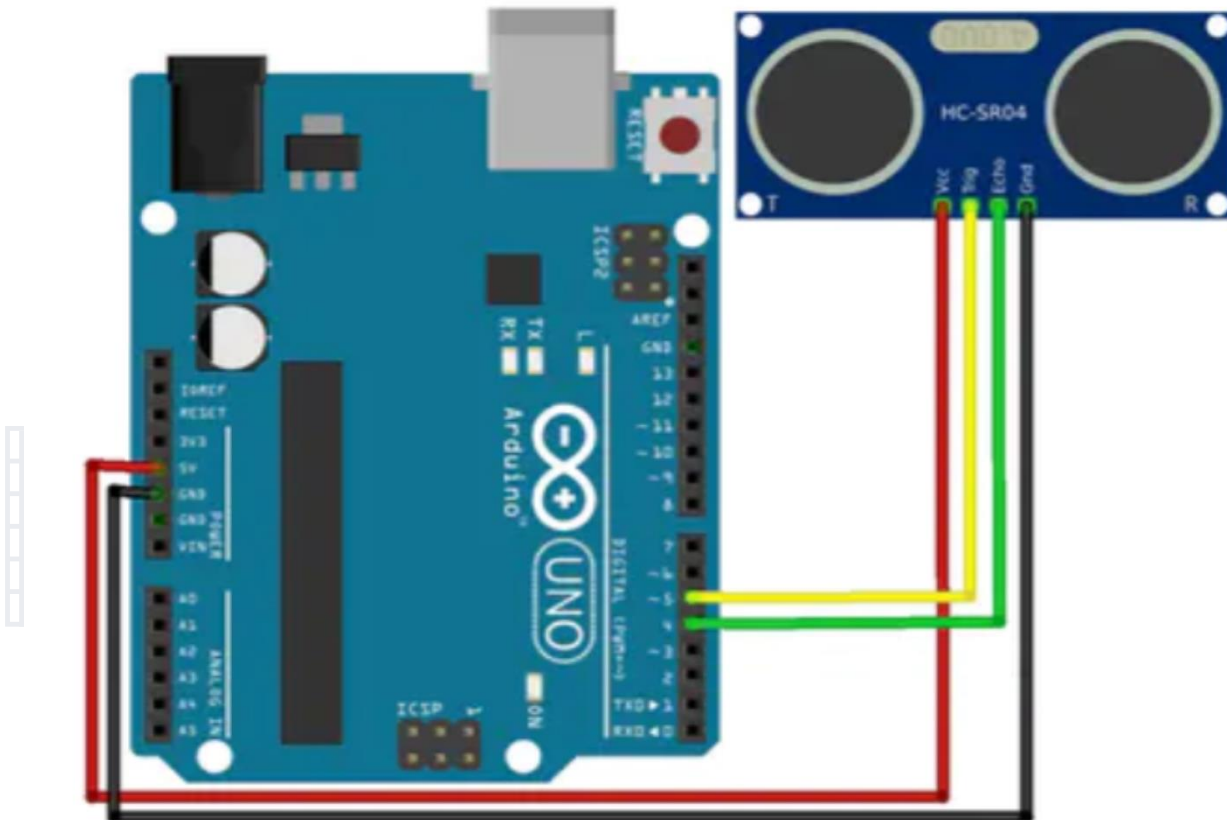
Parameters:

Working Voltage: 5VDC
Detecting Range: 2-450cm
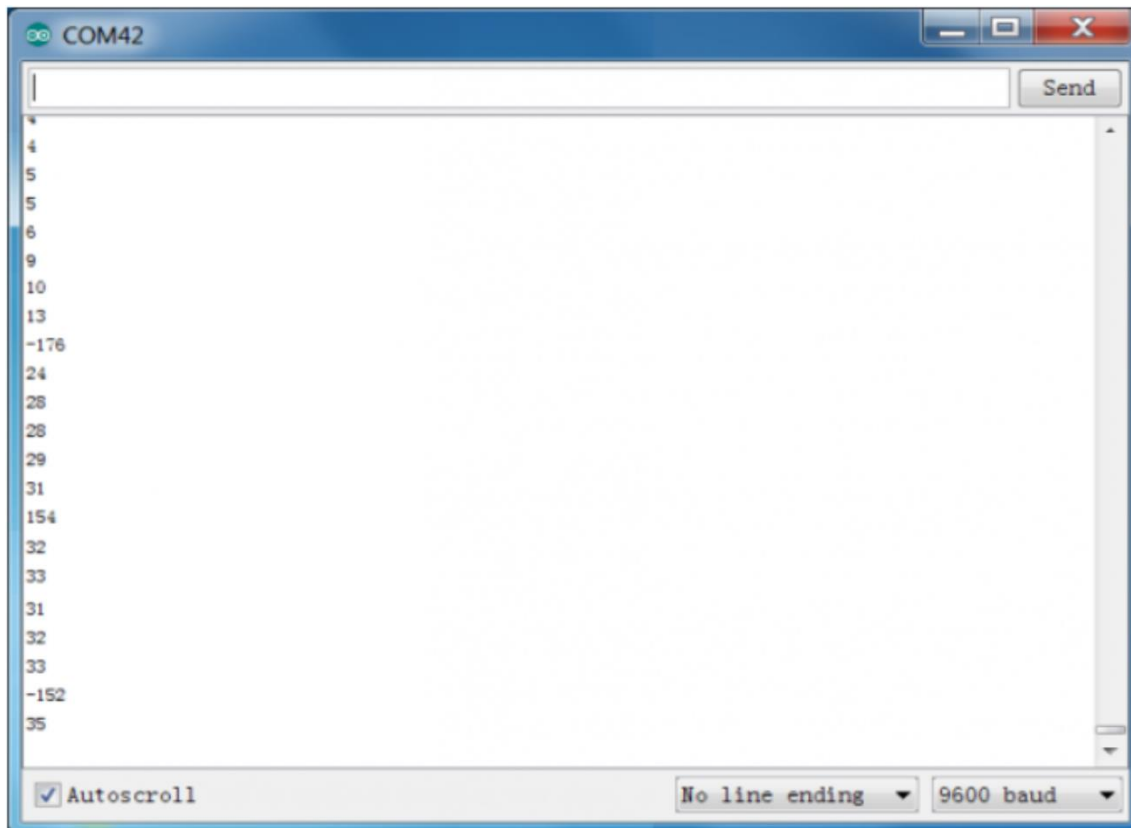Size: 45x20mm.

PINOUT Instruction:

Sample Code:

```
int inputPin=4; // define ultrasonic signal receiver pin ECHO to D4
int outputPin=5; // define ultrasonic signal transmitter pin TRIG to D5
 void setup()

{
Serial.begin(9600);
pinMode(inputPin, INPUT);
pinMode(outputPin, OUTPUT);
}

void loop()
{
digitalWrite(outputPin, LOW); delayMicroseconds(2);
digitalWrite(outputPin, HIGH); // Pulse for 10μ s to trigger ultrasonic detection
delayMicroseconds(10);
digitalWrite(outputPin, LOW);
int distance = pulseIn(inputPin, HIGH); // Read receiver pulse time
distance= distance/58; // Transform pulse time to distance
Serial.println(distance); //Output distance
delay(50);
}
```

Result:

After upload well the code to UNO board, then open the serial monitor. When place an object in front of ultrasonic sensor (from near and far), it will detect the distance of object. You should see the value is displayed on the monitor shown below.

https://wiki.keyestudio.com/KS0328_Keyestudio_HR-SR04_Blue_Ultrasonic_Module