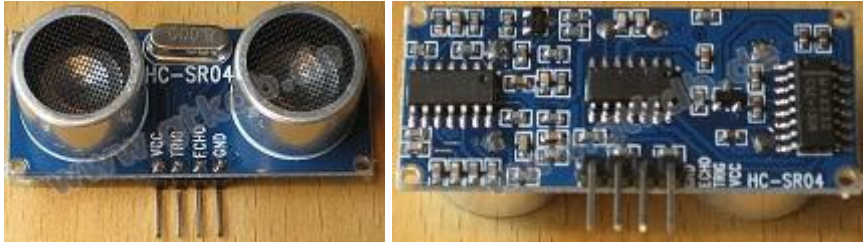


# Detecting the distance to an object with an ultrasonic sensor

With the capture capability of Netzer a simple ultrasonic sensor like the HC-SR04 module can be used.



For that reason the sensor shall be connected like:

| Sensor signal | Netzer signal | Further descriptions  |
|---------------|---------------|---|
| VCC           | -             | Connect the sensor to +5V   |
| GND           | GND           | Ground signal   |
| TRIG (I)      | IO3           | The trigger signal  |
| ECHO (O)      | IO0, SPI_INT  | The echo signal. Due to the Netzer pins are +5V tolerant, no voltage divider is needed! |

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