

## IR Receiver Sensor

ARD2-2222

- **Detect infrared light**
- **Applications include home appliances, education etc.**

### Description

This module is a new ultra-thin 38kHz universal infrared receiver sensor, using the NEC encoding format. It's suitable for remote control lighting, education and more.

### Specifications

<b>Voltage</b>	5.0V
<b>Infrared Remote Control Distance</b>	More than 8 meters
<b>Launch Tube Infrared Wavelength</b>	940nm
<b>Crystal frequency</b>	455kHz crystal
<b>Carrier frequency</b>	38kHz
<b>Encoding format</b>	NEC
<b>Chipset</b>	VS1838
<b>Effective Angle</b>	60 degrees
<b>Dimensions</b>	28mm x 15mm x 2mm (LxWxH)
<b>Colour</b>	Black
<b>Material</b>	PCB

### Pinout

Module	Arduino	Function
-	GND	Ground Connection
Middle	5V	Power
S	D11	Receiver Signal

