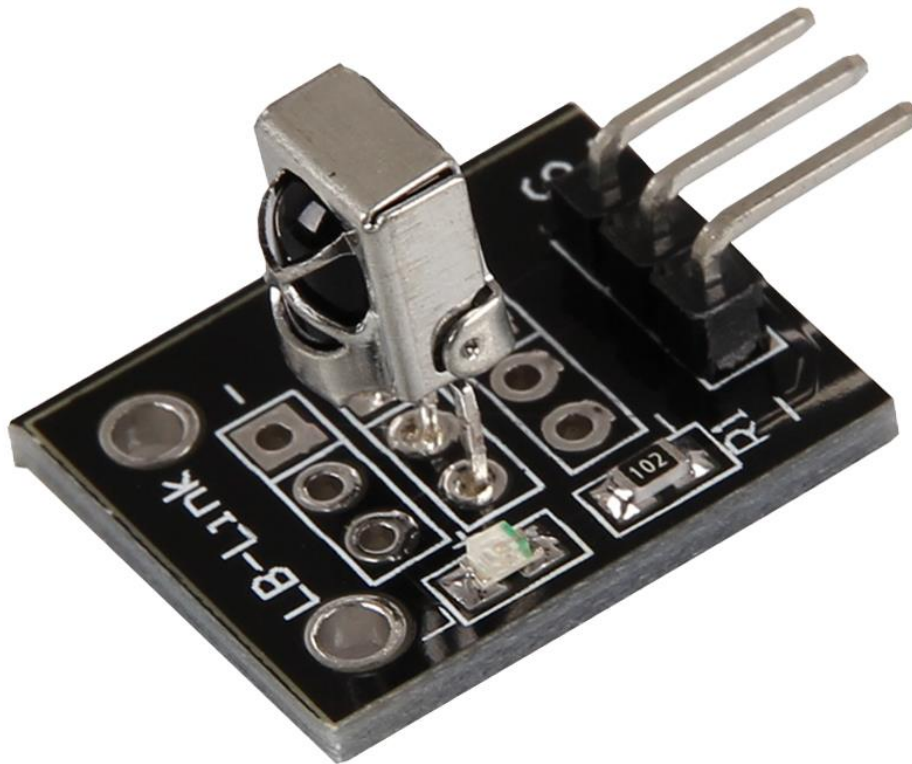


## INFRARED REMOTE CONTROL RECEIVING MODULE - HR0035



The KY-022 has three pins and responds to a carrier frequency of 38 kHz at 940nm. This signal is sent to the digital output. An LED module on the board will flash if an IR signal is detected.

This sensor module can decode remote control commands from home audio / visual equipment (home theatre) and other types of remote controls that use IR.

Specifications	
Function	IR Receiver
Model	KY-022
Chip type	VS1838B
Operating Voltage	3.3 to 5V
Current Consumption max	1.5 mA
Reception distance	17 meters
Reception angle	$\pm 45^\circ$
Carrier Frequency	38 KHz
Infrared Wavelength	940 nm
Pulse Duration	400 to 800 $\mu$ s
Dimensions	22 x 9 mm