



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Grove - Line Finder v1.1

SKU 101020172

Most of automated robotic projects start from a line-following robot, Grove - Line finder v1



## Description

Most of automated robotic projects start from a line-following robot, Grove - Line finder v1.1 is designed to achieve this task easily and quickly. Those eye-like sensors on the board are actually IR emitting LED and sensitive phototransistor. When the phototransistor detects the reflected infrared light from the IR emitting LED, it will output a digital signal, which changes from HIGH to LOW.

## Features

- Easy to use
- Integrated indicator LED
- Digital output
- Adjustable detecting range.

## **Specifications**

- Power supply: 5V DC
- Digital output mode: TTL (High when black is detected, Low when white is detected)
- Connector: 4 pin Buckled Grove interface
- Dimension: 20mm\*20mm
- Comparator: MV358
- Photo reflective diode: RS-06WD