

Color Sensor User Manual

1. Product features

Induction chip	TCS3200(Full Color Detector).
voltage	2.7-5.5V
Identify the type	Static recognition
The best detection distance	10mm
size	34.0mm(L)*34.0mm(W)
Fixed hole size	2.0mm

2. Main application

Color sorting, sensing and calibration ambient light, test strip reading, color matching, and more.

3. Interface definition

PIN	Name	Description
1	VCC	2.7-5.5V
2	S1	Select a different output scale factor than the S0 port combination
3	S0	Select a different output scale factor than the S1 port combination
4	LED	Controls the status of the four LED lights
5	GND	GND
6	GND	GND
7	OUT	Read the output frequency corresponding to the RGB tricolor
8	S2	Select a filter with a different color light than the S3 port combination
9	S3	Select a filter with a different color light than the S2 port combination
10	VCC	2.7-5.5V

