



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!



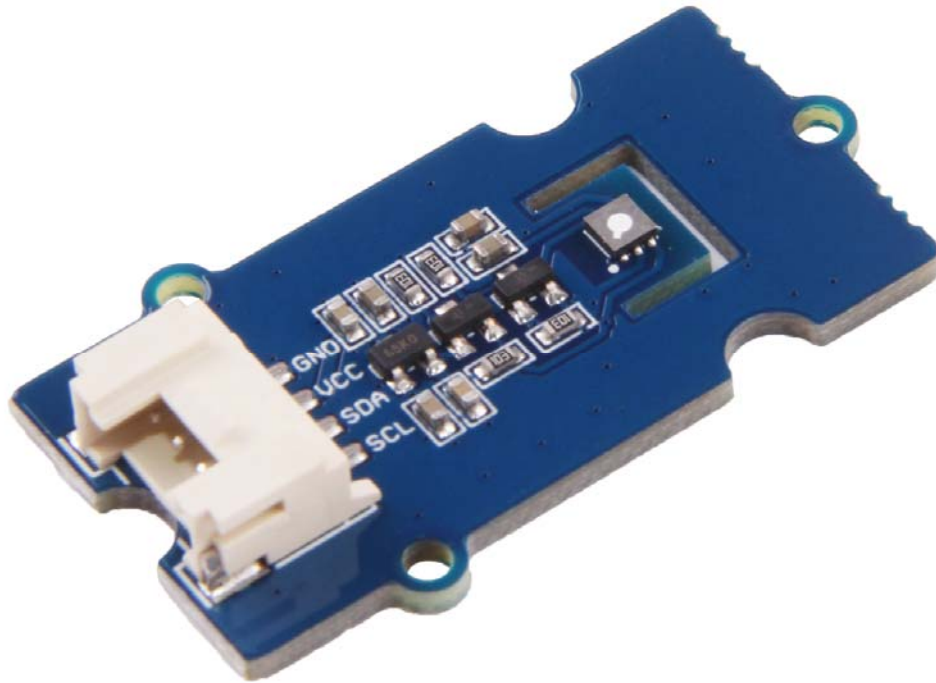
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





GROVE - VOC AND ECO2 GAS SENSOR (SGP30)

SKU 101020512

Description

The Grove-VOC and eCO₂ Gas Sensor-SGP30 is an air quality detection sensor. This grove module is based on SGP30, we provide TVOC(Total Volatile Organic Compounds) and CO₂eq output for this module.

The SGP30 is a digital multi-pixel gas sensor designed for easy integration into air purifier, demand-controlled ventilation, and IoT applications. Sensirion's CMOSens® technology offers a complete sensor system on a single chip featuring a digital I2C interface, a temperature controlled micro hotplate, and two preprocessed indoor air quality signals. As the first metal-oxide gas sensor featuring multiple sensing elements on one chip, the SGP30 provides more detailed information about the air quality.

Features

- Multi-pixel gas sensor for indoor air quality applications
- Outstanding long-term stability
- I2C interface with TVOC and CO₂eq output signals
- Low power consumption
- Chip module tape and reel packaged, reflow solderable

Technical Details

Weight	G.W 9g
Battery	Exclude
Working Voltage	3.3V/5V
Output range	TVOC-0 ppb to 60000ppb / CO ₂ eq - 400 ppm to 60000 ppm
Sampling rate	1HZ
IIC address	0X58

Part List

Grove - VOC and eCO ₂ Gas Sensor (SGP30)	1
Grove cable	1

