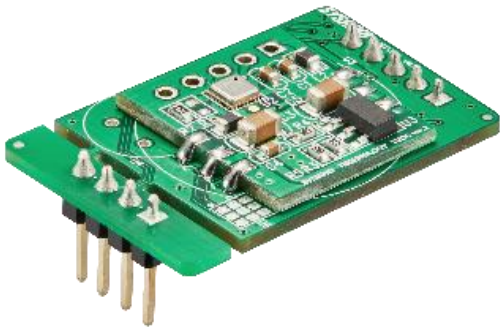


Sensor Module-IAGVOC

Total Volatile Organic Compounds (TVOC)

HIGHLIGHT FEATURES

- High Precision TVOC Detection
- Fast Response and Recovery Time
- Low Power Consumption (<100mW) with High Efficiency
- Wide Operating Range : -10°C to 50°C and 15% to 90% Humidity
- Seamless Integration via I²C Communication Protocol, Plug-and-play Support
- Durable and Maintenance-free Operation



SPECIFICATIONS

Model Name	IAGVOC
Detection	Total Volatile Organic Compounds (TVOC)
Principle	Electrochemical
Measurement Range (ppm)	0.13 ~ 2.5
Resolution (ppm)	0.01
Accuracy (ppm)	±0.1±10% of Reading
Response Time (T90) (sec)	<10
Operation Temperature (°C)	-10 ~ 50 (Ta)
Operation Humidity (%RH)	15 ~ 90
Expected Operating Life	1 Year
Power Supply (V)	3.1 ~ 3.5
Power Consumption (mW)	<100
Interface	I ² C
Dimension (L x W x H/mm)	32 x 21 x 7

ORDER INFO.

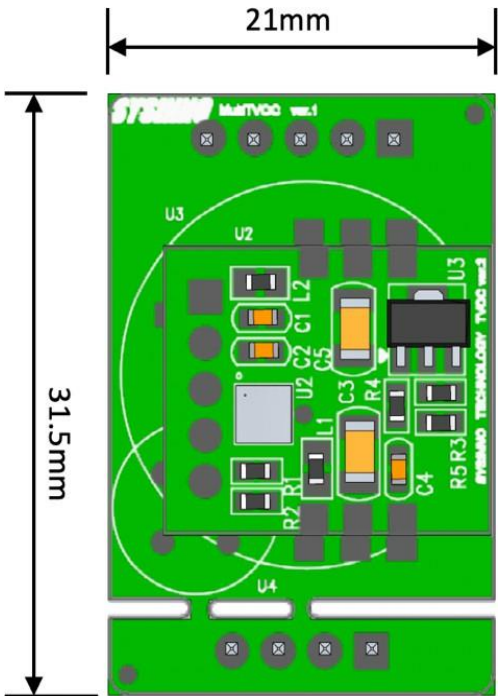
P/N	Description
EA3-2AASMM20I12A0	IAGVOC TVOC Sensor Module

MECHANICAL DRAWING

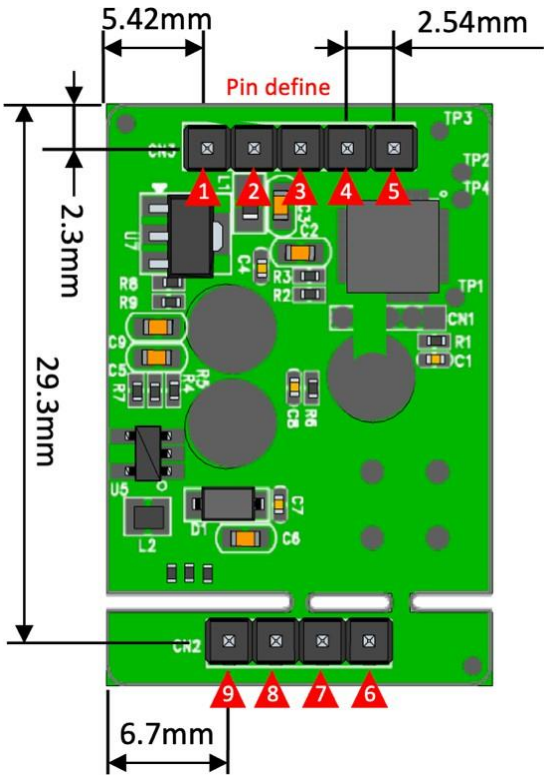
Side View



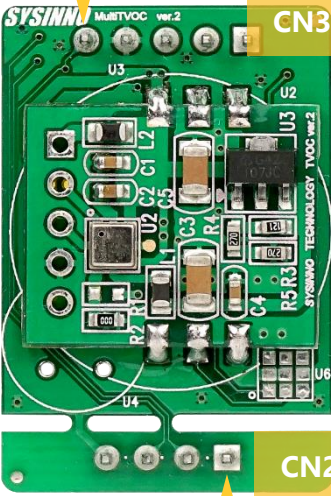
Top View



Bottom View



APPLICABLE SENSOR MODULE LIST



CN2 1 x 4 Pin Header	
Pin	Signal
1	GND
2	NC
3	NC
4	NC

CN3 1 x 5 Pin Header	
Pin	Signal
1	VDD
2	SDA
3	SCL
4	GND
5	RSTn