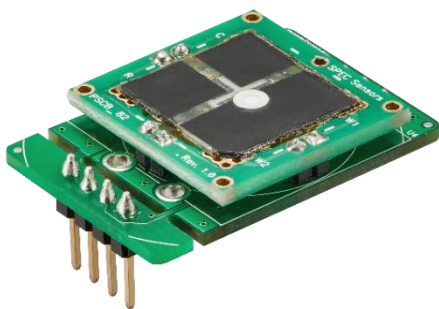


Sensor Module - IAGO3

Ozone Sensor Module



HIGHLIGHT FEATURES

- High precision O3 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

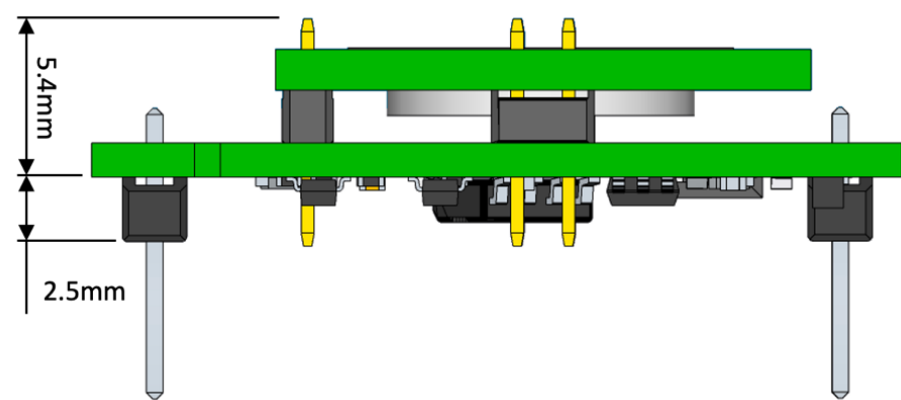
Model Name	IAGO3
Detection	Ozone (O3)
Principle	Electrochemical
Measurement Range (ppm)	0 ~ 5
Resolution (ppm)	0.01
Accuracy (ppm)	±0.1±10% of Reading
Response Time (T90) (sec)	<60
Operating Temperature	-10°C ~ 50°C (Ta)
Operating Humidity (%RH)	15 ~ 90
Expected Operating Life	3 Years
Power Supply (V)	3.1 ~ 3.5
Power Consumption (mW)	<100
Interface	I ² C
Dimension (L x W x H/mm)	32 x 21 x 8

ORDER INFO.

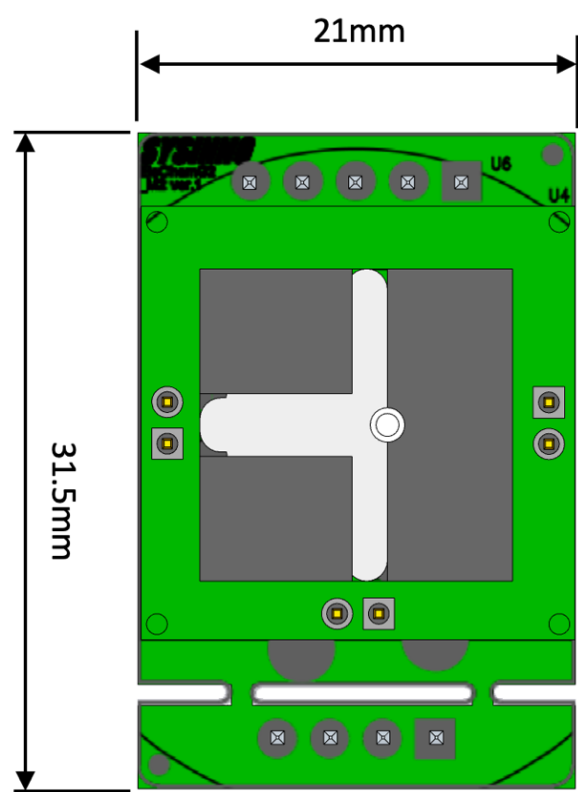
P/N	Description
EA3-2AASMM80I12S3	IAGO3 O3 Sensor Module

MECHANICAL DRAWING

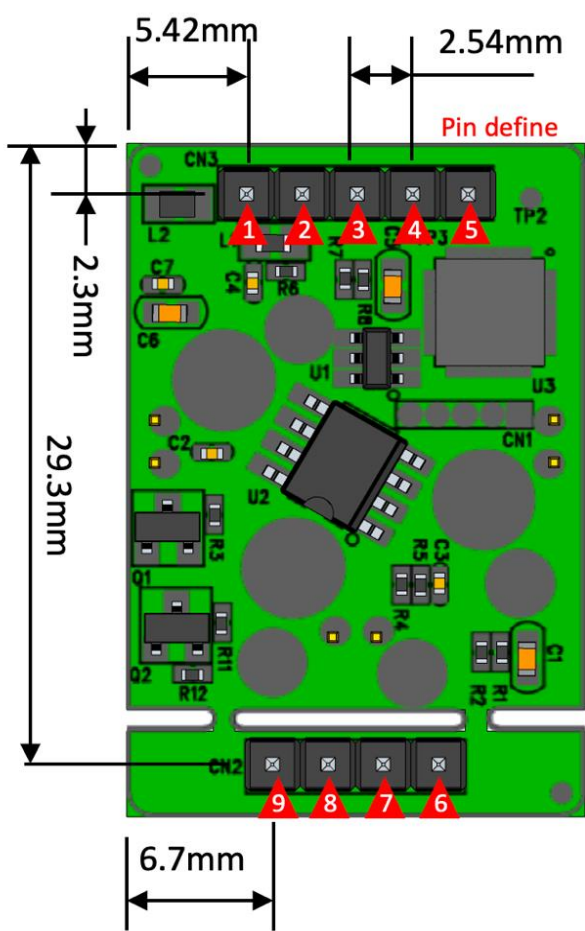
Slide View



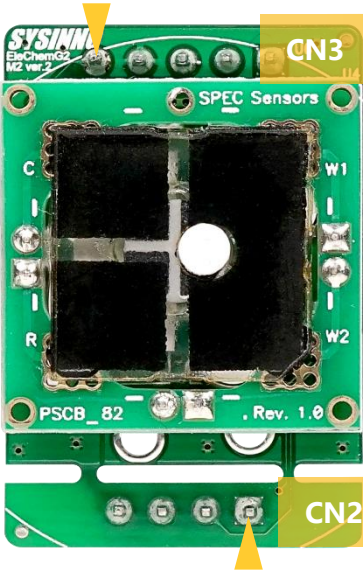
Top View



Bottom View



PIN DEFINE



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

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