



### **Xadow - Multichannel Gas Sensor** SKU 101020085

This product is retired, please consider our [Grove - Multichannel Gas Sensor](#) as your alternative choice.

Xadow – Multichannel Gas sensor is a very small sensor board with a compact MOS sensor, MiCS-6814. The MiCS-6814 is a robust MEMS sensor for the detection of pollution from automobile exhausts and for agricultural/industrial odors. This sensor board has two standard Xadow interfaces. It is very easy to use with Xadow - Main Board.

Notice: This module is not compatible with any other Xadow version 2 or RePhone modules.

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## FEATURES

- Three fully independent sensing elements on one package
  - Built with ATmega168PA
  - I2C interface with programmable address
  - Heating power can be shut down for low power
  - Standard Xadow outline
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## PART LIST

- 1 x Xadow - Multichannel Gas Sensor
  - 1 x FPC Cable;12P-0.5-30mm
  - 1 x FPC Cable;12P-0.5-50mm
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## SPECIFICATION

- Voltage: 3.1~3.5V
  - Ripple(@Max Power):80~100mV
  - Max Heating Power: 88mW
  - Max Power: 150mW
  - ADC Precision : 10Bits
  - ADC Voltage:0~3.3 V
  - I2C Rate: 100kHz
  - VIL(@I2C): -0.5~0.99V
  - VIH(@I2C): 2.31~3.8V
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- DOCUMENTS

Please visit our **wiki** page for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our **forum** .

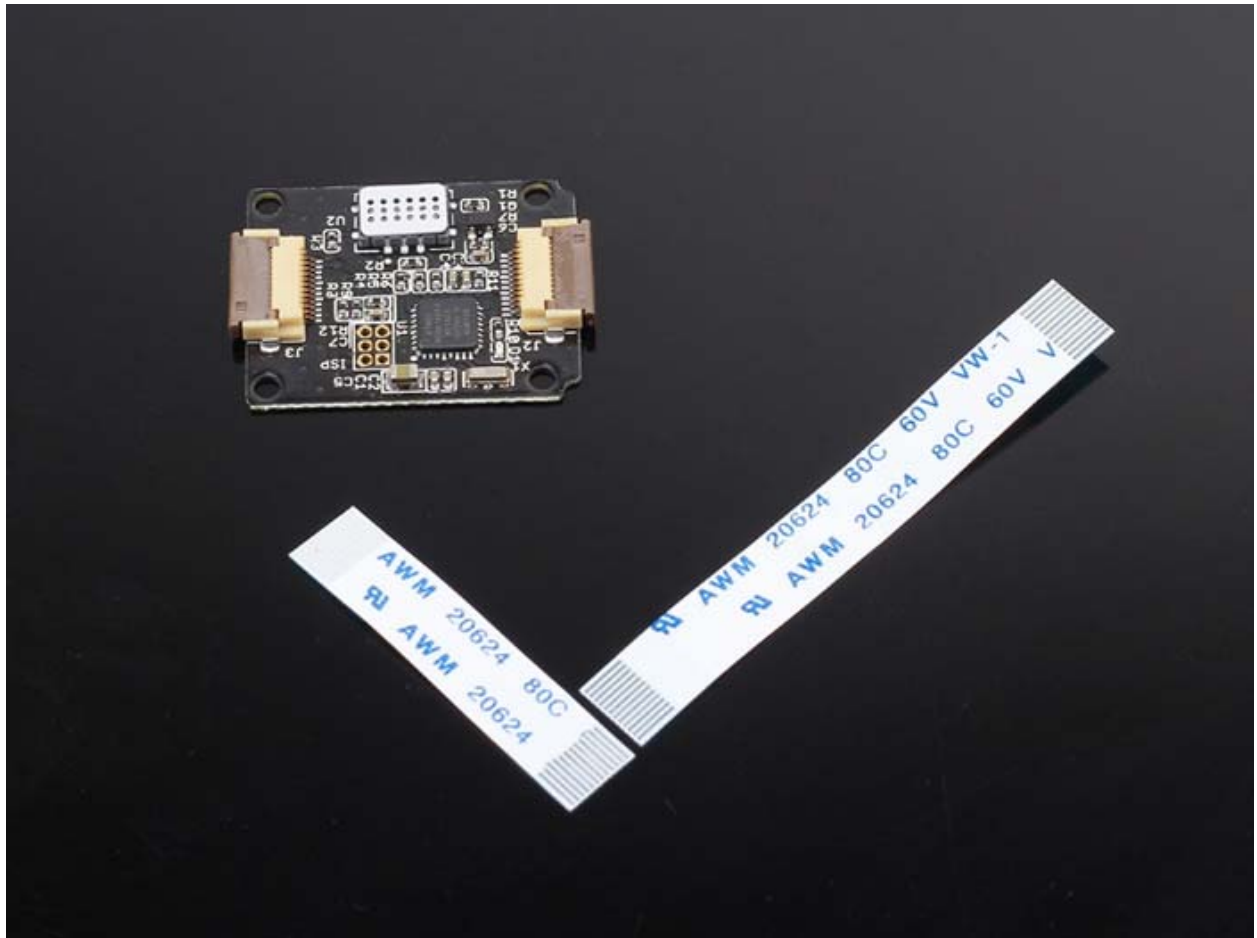
## Technical Details

Dimensions	0mm x 0mm x 0mm
Weight	G.W 10g
Battery	Exclude

## ECCN/HTS

ECCN	Not Available
HSCODE	9025900090





<https://www.seeedstudio.com/Xadow-Multichannel-Gas-Sensor-p-2459.html/12-6-18>