

Pressure Sensor 0V to 0.04V 20kPa to 100kPa Absolute 5-Pin(4+Tab) M-PAC Tube

Manufacturers	NXP Semiconductor
Package/Case	M-PAK-5
Product Type	Pressure Sensors
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MPXM2102A or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MPXM2102A is a pressure sensor manufactured by NXP Semiconductors. It is a piezoresistive transducer that converts pressure into an analog output voltage signal.

Features

Range: 0-2.1 kPa (absolute)

Accuracy: $\pm 1.5\%$ full-scale span over temperature range of 0°C to 85°C

Output: 0.2 to 4.8 VDC ratiometric output

Supply voltage: 4.75 to 5.25 VDC

Temperature range: -40°C to +125°C

Application

Medical equipment such as blood pressure monitors, ventilators, and oxygen concentrators

HVAC (heating, ventilation, and air conditioning) systems

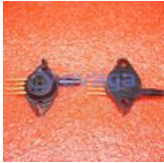
Industrial automation and control systems

Automotive applications such as tire pressure monitoring systems and engine control systems

Consumer electronics such as smartphones, tablets, and wearables.



Related Products



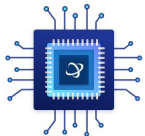
[MPX10GP](#)

NXP Semiconductor
SIP-4



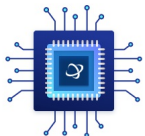
[MPXM2202D](#)

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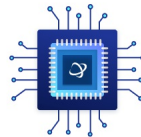
[MPX5700GS](#)

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Unibody 6-pin



[MPXV5010GC7U](#)

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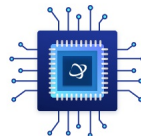
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