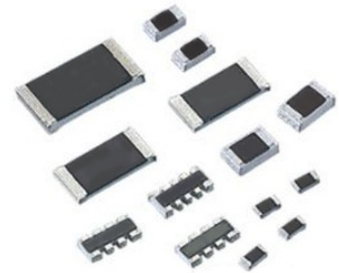


N/A GAGE, PEIZORESISTIVE PRESSURE SENSOR, 0-0.56Psi, 2.5%, 1-4V, SQUARE, SURFACE MOUNT CASE 482A, 8 PIN

Manufacturers	NXP Semiconductor
Package/Case	SMD-8
Product Type	Pressure Sensors
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MPXV5004GC6U or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.



General Description

MPXV5004GC6U is a pressure sensor manufactured by NXP Semiconductors. It is a piezoresistive transducer that provides a highly accurate and linear voltage output proportional to the applied pressure. The sensor is designed to operate with a supply voltage of 5 VDC and can measure pressure ranging from 0 to 3.92 kPa.

Features

Pressure range: 0 to 3.92 kPa

Sensitivity: 0.2 mV/kPa

Output voltage: 0.5 V to 4.5 V

Operating temperature range: -40°C to +125°C

Small form factor: 6.4 mm x 7.0 mm

Application

Medical equipment: blood pressure monitors, respiratory equipment, etc.

Industrial equipment: process control systems, HVAC systems, etc.

Automotive: tire pressure monitoring systems, brake systems, etc.

Consumer electronics: smartwatches, fitness trackers, etc.

Related Products



[MPX10GP](#)

NXP Semiconductor
SIP-4



[MPXM2102A](#)

NXP Semiconductor
M-PAK-5



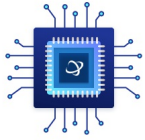
[MPXV5010GC7U](#)

NXP Semiconductor
DIP-8



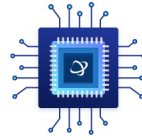
[MPXM2202D](#)

NXP Semiconductor
M-PAK-5



[MPX2100A](#)

NXP Semiconductor
Unibody 4-pin



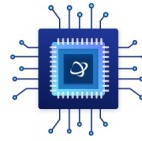
[MPX2100D](#)

NXP Semiconductor
Unibody 4-pin



[MPX5100D](#)

NXP Semiconductor
SIP-6



[MPX5700GS](#)

NXP Semiconductor
Unibody 6-pin