



Gauge Compensated Pressure Sensor (0 to 50 kPa)

MPXx2051

Last Updated: Feb 28, 2023

The MPXx2051 pressure sensor delivers a silicon piezoresistive device with a highly accurate and linear voltage output, directly proportional to the applied pressure.

- Targets medical and industrial applications such as pump/motor controllers, robotics, level indicators, and non-invasive blood pressure measurement
- Provides a single, monolithic silicon diaphragm with the strain gauge
- Includes a thin-film resistor network integrated on-chip
- Delivers a laser-trimmed chip for precise span, offset calibration and temperature compensation

MPXX2051_BD Block Diagram

PACKAGING ORDERING INFORMATION

Device Type	Packing Options	Case
MPXM2051GS	Absolute, Axial Port	1320A
MPXM2051GST1	Absolute, Element Only	1320A

View additional information for [Gauge Compensated Pressure Sensor \(0 to 50 kPa\)](#).

Note: The information on this document is subject to change without notice.

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