



Differential, Gauge and Absolute Pressure Sensor (0 to 200 kPa)

MPXx2202

Last Updated: Dec 23, 2025

The MPXx2202 family (MPX2202 series, MPXV2202G series, MPXM2202 series) of pressure sensors provides silicon piezoresistive devices for medical and industrial applications.

- Offers a highly accurate and linear voltage output directly proportional to the applied pressure.
- Includes a single monolithic silicon diaphragm with the strain gauge and a thin-film resistor network integrated on-chip
- Delivers a laser-trimmed chip for precise span, offset calibration and temperature compensation

MPXX2202_BD Block Diagram

PACKAGING ORDERING INFORMATION

Device Type	Packing Options	Case
MPXV2202GP	Gauge, Side Port, SMT	1369
MPXV2202DP	Differential,Dual Port, SMT	1351
MPX2202A	Absolute, Differential	344
MPX2202D	Absolute, Differential	344
MPX2202DP	Differential, Dual Port	344C
MPX2202AP	Absolute, Gauge	344B
MPX2202GP	Absolute, Gauge	344B
MPX2202ASX	Absolute	344F
MPXM2202D	Absolute, Element Only	1320
MPXM2202DT1	Absolute, Element Only	1320
MPXM2202A	Absolute, Element Only	1320
MPXM2202AT1	Absolute, Element Only	1320
MPXM2202GS	Absolute, Axial Port	1320A
MPXM2202GST1	Absolute, Axial Port	1320A
MPXM2202AS	Absolute, Axial Port	1320A
MPXM2202AST1	Absolute, Axial Port	1320A

View additional information for [Differential, Gauge and Absolute Pressure Sensor \(0 to 200 kPa\)](#).

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

www.nxp.com

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2025 NXP B.V.