



# Differential and Gauge, Compensated Pressure Sensor (0 to 10 kPa)

## MPXx2010

Last Updated: Mar 1, 2023

The NXP MPX2010/MPXV2010G/MPXM2010 series of silicon piezoresistive pressure sensors provide accurate and linear voltage output directly proportional to applied pressure.

- Laser trimmed for precise span, offset calibration and temperature compensation
- The series includes a strain gauge and thin-film resistor network integrated on each chip

## MPXX2010\_BD Block Diagram

<b>PACKAGING ORDERING INFORMATION</b>		
<b>Device Type</b>	<b>Packing Options</b>	<b>Case</b>
MPX2010D	Differential	344
MPX2010DP	Differential, Dual Port	344C
MPX2010GP	Gauge	344B
MPX2010GS	Gauge, Axial	344E
MPX2010GSX	Gauge, Axial PC Mount	344F
MPXM2010D	Non-ported	1320
MPXM2010DT1	Non-ported, Tape and Reel	1320
MPXM2010GS	Ported	1320A
MPXM2010GST1	Ported, Tape and Reel	1320A
MPXV2010GP	Gauge, Side Port, SMT	1369
MPXV2010DP	Differential, Dual Port, SMT	1351

View additional information for [Differential and Gauge, Compensated Pressure Sensor \(0 to 10 kPa\)](#).

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

[www.nxp.com](http://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. © 2024 NXP B.V.