



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

MPXx5010

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The NXP MPX5010/MPXV5010G/MP3V5010 series of piezoresistive transducers are state-of-the-art monolithic silicon pressure sensors designed for a wide range of applications, particularly those employing a MCU or MPU with A/D inputs. This transducer combines advanced micromachining techniques, thin-film metallization and bipolar processing to provide an accurate high-level analog output signal that is proportional to applied pressure.

MPxx5010_BD Block Diagram

PACKAGING ORDERING INFORMATION			
Device Type	Options	Packaging Options	Case
MPVZ5010GW6U	-	Rails	1735
MPVZ5010GW7U	-	Rails	1560
MPVZ5010G6U	-	Rails	482
MPVZ5010G6T1	-	Tape and Reel	482
MPVZ5010G7U	-	Rails	482B
MPXV5010G6U	Gauge, Element Only, SMT	Rails	482
MPXV5010G7U	Gauge, Element Only, DIP	Rails	482B
MPXV5010GC6U	Gauge, Axial Port, SMT	Rails	482A
MPXV5010GC7U	Gauge, Axial Port, DIP	Rails	482C
MPXV5010GC6T1	Gauge, Axial Port, SMT	Rails	482A
MPXV5010GP	Gauge, Side Port, SMT	Tape and Reel	1369
MPXV5010DP	Gauge, Dual Port, SMT	Trays	1351
MPX5010D	Differential	-	867
MPX5010DP	Differential, Gauge	-	867C
MPX5010GP	Gauge	-	867B
MPX5010GS	Gauge, Axial	-	867E
MPX5010GSX	Gauge, Axial PC Mount	-	867F

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

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