



### **MPX5100AP Information**

Part Number MPX5100AP

Manufacturer NXP

Category Sensors, Transducers

Pressure Sensors, Transducers

**Description** SENSOR ABS PRESS 16.68 PSI MAX

Package 6-SIP Module

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

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## **MPX5100AP Specifications**

Manufacturer Part Number         MPX5100AP           Manufacturer         NXP           Category         Sensors, Transducers           Package         6-SIP Module           Series         MPX5100           Pressure Type         Absolute           Operating Pressure         2.18 PSI ~ 16.68 PSI (15 kPa ~ 115 kPa)           Output Type         Analog Voltage           Output         0.2 V ~ 4.7 V           Accuracy         ±2.5%           Voltage - Supply         4.75 V ~ 5.25 V           Port Size         Male - 0.19" (4.93mm) Tube           Port Style         Barbed           Features         Temperature Compensated           Fermination Style         PCB           Maximum Pressure         58.02 PSI (400 kPa)           Operating Temperature         -40°C ~ 125°C           Package / Case         6-SIP Module           Supplier Device Package         -    Report errors?		
CategorySensors, TransducersPackage6-SIP ModuleSeriesMPX5100Pressure TypeAbsoluteOperating Pressure2.18 PSI ~ 16.68 PSI (15 kPa ~ 115 kPa)Output TypeAnalog VoltageOutput0.2 V ~ 4.7 VAccuracy±2.5%Voltage - Supply4.75 V ~ 5.25 VPort SizeMale - 0.19" (4.93mm) TubePort StyleBarbedFeaturesTemperature CompensatedTermination StylePCBMaximum Pressure58.02 PSI (400 kPa)Operating Temperature-40°C ~ 125°CPackage / Case6-SIP ModuleSupplier Device Package-	Manufacturer Part Number	MPX5100AP
Package 6-SIP Module Series MPX5100 Pressure Type Absolute Operating Pressure Output Type Analog Voltage Output Quarter Output Accuracy ±2.5% Voltage - Supply 4.75 V ~ 5.25 V Port Size Male - 0.19" (4.93mm) Tube Port Style Barbed Features Temperature Compensated Termination Style PCB Maximum Pressure 58.02 PSI (400 kPa) Operating Temperature Poevice Package Supplier Device Package - 6-SIP Module Supplier Device Package - 6-SIP Module Supplier Device Package - 6-SIP Module	Manufacturer	NXP
Package         6-SIP Module           Series         MPX5100           Pressure Type         Absolute           Operating Pressure         2.18 PSI ~ 16.68 PSI (15 kPa ~ 115 kPa)           Output Type         Analog Voltage           Output         0.2 V ~ 4.7 V           Accuracy         ±2.5%           Voltage - Supply         4.75 V ~ 5.25 V           Port Size         Male - 0.19" (4.93mm) Tube           Port Style         Barbed           Features         Temperature Compensated           Termination Style         PCB           Maximum Pressure         58.02 PSI (400 kPa)           Operating Temperature         -40°C ~ 125°C           Package / Case         6-SIP Module           Supplier Device Package         -	Category	Sensors, Transducers
SeriesMPX5100Pressure TypeAbsoluteOperating Pressure2.18 PSI ~ 16.68 PSI (15 kPa ~ 115 kPa)Output TypeAnalog VoltageOutput0.2 V ~ 4.7 VAccuracy±2.5%Voltage - Supply4.75 V ~ 5.25 VPort SizeMale - 0.19" (4.93mm) TubePort StyleBarbedFeaturesTemperature CompensatedTermination StylePCBMaximum Pressure58.02 PSI (400 kPa)Operating Temperature-40°C ~ 125°CPackage / Case6-SIP ModuleSupplier Device Package-		Pressure Sensors, Transducers
Pressure Type Operating Pressure Operating Pressure Output Type Analog Voltage Output	Package	6-SIP Module
Operating Pressure  2.18 PSI ~ 16.68 PSI (15 kPa ~ 115 kPa)  Output Type  Analog Voltage  Output  0.2 V ~ 4.7 V  Accuracy  ±2.5%  Voltage - Supply  4.75 V ~ 5.25 V  Port Size  Male - 0.19" (4.93mm) Tube  Port Style  Barbed  Features  Temperature Compensated  Features  Termination Style  Maximum Pressure  58.02 PSI (400 kPa)  Operating Temperature  -40°C ~ 125°C  Package / Case  Supplier Device Package  -	Series	MPX5100
Output TypeAnalog VoltageOutput $0.2 \text{ V} \sim 4.7 \text{ V}$ Accuracy $\pm 2.5\%$ Voltage - Supply $4.75 \text{ V} \sim 5.25 \text{ V}$ Port SizeMale - $0.19$ " ( $4.93\text{mm}$ ) TubePort StyleBarbedFeaturesTemperature CompensatedTermination StylePCBMaximum Pressure $58.02 \text{ PSI } (400 \text{ kPa})$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $6\text{-SIP Module}$ Supplier Device Package $-$	Pressure Type	Absolute
Output  Accuracy  ±2.5%  Voltage - Supply  4.75 V ~ 5.25 V  Port Size  Port Style  Barbed  Features  Temperature Compensated  Termination Style  Maximum Pressure  58.02 PSI (400 kPa)  Operating Temperature  -40°C ~ 125°C  Package / Case  Supplier Device Package  -  0.2 V ~ 4.7 V  4.75 V  4.75 V  5.25 V  Male - 0.19" (4.93mm) Tube  Barbed  Features  Temperature Compensated	Operating Pressure	2.18 PSI ~ 16.68 PSI (15 kPa ~ 115 kPa)
Accuracy ±2.5%  Voltage - Supply 4.75 V ~ 5.25 V  Port Size Male - 0.19" (4.93mm) Tube  Port Style Barbed  Features Temperature Compensated  Termination Style PCB  Maximum Pressure 58.02 PSI (400 kPa)  Operating Temperature -40°C ~ 125°C  Package / Case 6-SIP Module  Supplier Device Package	Output Type	Analog Voltage
Voltage - Supply  4.75 V ~ 5.25 V  Port Size  Male - 0.19" (4.93mm) Tube  Port Style  Barbed  Features  Temperature Compensated  Termination Style  PCB  Maximum Pressure  58.02 PSI (400 kPa)  Operating Temperature  -40°C ~ 125°C  Package / Case  6-SIP Module  Supplier Device Package	Output	0.2 V ~ 4.7 V
Port Size Male - 0.19" (4.93mm) Tube  Port Style Barbed  Features Temperature Compensated  Termination Style PCB  Maximum Pressure 58.02 PSI (400 kPa)  Operating Temperature -40°C ~ 125°C  Package / Case 6-SIP Module  Supplier Device Package -	Accuracy	±2.5%
Port Style Barbed Features Temperature Compensated Termination Style PCB Maximum Pressure 58.02 PSI (400 kPa) Operating Temperature -40°C ~ 125°C Package / Case 6-SIP Module Supplier Device Package	Voltage - Supply	4.75 V ~ 5.25 V
Features Temperature Compensated PCB Maximum Pressure 58.02 PSI (400 kPa) Operating Temperature -40°C ~ 125°C Package / Case 6-SIP Module Supplier Device Package	Port Size	Male - 0.19" (4.93mm) Tube
Termination Style PCB  Maximum Pressure 58.02 PSI (400 kPa)  Operating Temperature -40°C ~ 125°C  Package / Case 6-SIP Module  Supplier Device Package -	Port Style	Barbed
Maximum Pressure 58.02 PSI (400 kPa)  Operating Temperature -40°C ~ 125°C  Package / Case 6-SIP Module  Supplier Device Package -	Features	Temperature Compensated
Operating Temperature -40°C ~ 125°C  Package / Case 6-SIP Module  Supplier Device Package -	Termination Style	PCB
Package / Case 6-SIP Module Supplier Device Package -	Maximum Pressure	58.02 PSI (400 kPa)
Supplier Device Package -	Operating Temperature	-40°C ~ 125°C
	Package / Case	6-SIP Module
Report errors?	Supplier Device Package	-
		Report errors?

#### **MPX5100AP Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



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We guarantee 100% customer satisfaction.

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## **MPX5100AP Payment Methods**



















### **MPX5100AP Shipping Methods**













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