



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

E-mail: salesdept@heisener.com



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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 " (4.93mm) 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-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.



Service Guarantees

We guarantee 100% customer satisfaction.

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MPX5100AP Payment Methods



















MPX5100AP Shipping Methods













If you have any question about MPX5100AP, please do not hesitate to contact us!

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