



MPX53D Information



For Reference Only

Part Number MPX53D Manufacturer NXP

Category Sensors, Transducers

Pressure Sensors, Transducers

Description SENSOR DIFF PRESS 7.25PSI MAX

Package 6-SIP Module

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









MPX53D Specifications

Manufacturer Part Number MPX53D Manufacturer NXP Category Sensors, Transducers Package 6-SIP Module Series MPX53 Pressure Type Differential Operating Pressure 7.25 PSI (50 kPa) Output Type Wheatstone Bridge Output 0 mV ~ 60 mV (3V) Accuracy -0.6% ~ 0.4% Voltage - Supply 3 V ~ 6 V Port Size - Port Syle No Port Features - Termination Style PCB Maximum Pressure 25.38 PSI (175 kPa) Operating Temperature -40°C ~ 125°C Package / Case 6-SIP Module Supplier Device Package -		
Category Sensors, Transducers Package 6-SIP Module Series MPX53 Pressure Type Differential Operating Pressure 7.25 PSI (50 kPa) Output Type Wheatstone Bridge Output 0 mV ~ 60 mV (3V) Accuracy -0.6% ~ 0.4% Voltage - Supply 3 V ~ 6 V Port Size - Port Style No Port Features - Termination Style PCB Maximum Pressure 25.38 PSI (175 kPa) Operating Temperature -40°C ~ 125°C Package / Case 6-SIP Module Supplier Device Package -	Manufacturer Part Number	MPX53D
Package 6-SIP Module Series MPX53 Pressure Type Differential Operating Pressure Output Type Wheatstone Bridge Output 0 mV ~ 60 mV (3V) Accuracy -0.6% ~ 0.4% Voltage - Supply 3 V ~ 6 V Port Size - Port Style No Port Features - Termination Style PCB Maximum Pressure 25.38 PSI (175 kPa) Operating Temperature -40°C ~ 125°C Package / Case 6-SIP Module Supplier Device Package	Manufacturer	NXP
Package 6-SIP Module Series MPX53 Pressure Type Differential Operating Pressure 7.25 PSI (50 kPa) Output Type Wheatstone Bridge Output 0 mV ~ 60 mV (3V) Accuracy -0.6% ~ 0.4% Voltage - Supply 3 V ~ 6 V Port Size - Port Style No Port Features - Termination Style PCB Maximum Pressure 25.38 PSI (175 kPa) Operating Temperature -40°C ~ 125°C Package / Case 6-SIP Module Supplier Device Package -	Category	Sensors, Transducers
Series MPX53 Pressure Type Differential Operating Pressure Output Type Wheatstone Bridge Output 0 mV ~ 60 mV (3V) Accuracy -0.6% ~ 0.4% Voltage - Supply 3 V ~ 6 V Port Size - Port Style No Port Features - Termination Style PCB Maximum Pressure 25.38 PSI (175 kPa) Operating Temperature 40°C ~ 125°C Package / Case 6-SIP Module Supplier Device Package		Pressure Sensors, Transducers
Pressure TypeDifferentialOperating Pressure7.25 PSI (50 kPa)Output TypeWheatstone BridgeOutput0 mV ~ 60 mV (3V)Accuracy-0.6% ~ 0.4%Voltage - Supply3 V ~ 6 VPort Size-Port StyleNo PortFeatures-Termination StylePCBMaximum Pressure25.38 PSI (175 kPa)Operating Temperature-40°C ~ 125°CPackage / Case6-SIP ModuleSupplier Device Package-	Package	6-SIP Module
Operating Pressure Output Type Wheatstone Bridge Output Output Output On W ~ 60 mV (3V) Accuracy -0.6% ~ 0.4% Voltage - Supply Output On W ~ 6 V Port Size - Port Style No Port Features - Termination Style Maximum Pressure Operating Temperature -40°C ~ 125°C Package / Case Supplier Device Package - Supplier Device Package 7.25 PSI (50 kPa) No Port Post Style No mV (3V) No POV	Series	MPX53
Output TypeWheatstone BridgeOutput $0 \text{ mV} \sim 60 \text{ mV} (3\text{ V})$ Accuracy $-0.6\% \sim 0.4\%$ Voltage - Supply $3 \text{ V} \sim 6 \text{ V}$ Port Size-Port StyleNo PortFeatures-Termination StylePCBMaximum Pressure $25.38 \text{ PSI} (175 \text{ kPa})$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case 6-SIP Module Supplier Device Package-	Pressure Type	Differential
Output $0 \text{ mV} \sim 60 \text{ mV} (3\text{V})$ Accuracy $-0.6\% \sim 0.4\%$ Voltage - Supply $3 \text{ V} \sim 6 \text{ V}$ Port Size-Port StyleNo PortFeatures-Termination StylePCBMaximum Pressure $25.38 \text{ PSI } (175 \text{ kPa})$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case 6-SIP Module Supplier Device Package-	Operating Pressure	7.25 PSI (50 kPa)
Accuracy -0.6% ~ 0.4% Voltage - Supply 3 V ~ 6 V Port Size - Port Style No Port Features - Termination Style Maximum Pressure 25.38 PSI (175 kPa) Operating Temperature -40°C ~ 125°C Package / Case 6-SIP Module Supplier Device Package -	Output Type	Wheatstone Bridge
Voltage - Supply Port Size Port Style No Port Features - Termination Style Maximum Pressure 25.38 PSI (175 kPa) Operating Temperature -40°C ~ 125°C Package / Case Supplier Device Package - 3 V ~ 6 V POP No Port -40°C ~ 125°C	Output	$0 \text{ mV} \sim 60 \text{ mV} (3\text{V})$
Port Size - No Port Features - Termination Style PCB Maximum Pressure 25.38 PSI (175 kPa) Operating Temperature -40°C ~ 125°C Package / Case 6-SIP Module Supplier Device Package	Accuracy	-0.6% ~ 0.4%
Port Style No Port Features - Termination Style PCB Maximum Pressure 25.38 PSI (175 kPa) Operating Temperature -40°C ~ 125°C Package / Case 6-SIP Module Supplier Device Package -	Voltage - Supply	3 V ~ 6 V
Features - Termination Style PCB Maximum Pressure 25.38 PSI (175 kPa) Operating Temperature -40°C ~ 125°C Package / Case 6-SIP Module Supplier Device Package -	Port Size	-
Termination Style PCB Maximum Pressure 25.38 PSI (175 kPa) Operating Temperature -40°C ~ 125°C Package / Case 6-SIP Module Supplier Device Package -	Port Style	No Port
Maximum Pressure25.38 PSI (175 kPa)Operating Temperature-40°C ~ 125°CPackage / Case6-SIP ModuleSupplier Device Package-	Features	-
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	25.38 PSI (175 kPa)
Supplier Device Package -	Operating Temperature	-40°C ~ 125°C
	Package / Case	6-SIP Module
Report errors?	Supplier Device Package	-
		Report errors?

MPX53D 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.

Our experienced sales team and tech support team back our services to satisfy all our customers.

MPX53D Payment Methods





















MPX53D Shipping Methods













If you have any question about MPX53D, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com