



### **MPL015A1T1 Information**



For Reference Only

Part Number MPL015A1T1

Manufacturer NXP

Category Sensors, Transducers

Pressure Sensors, Transducers

**Description** IC BAROMETER SPI DGTL MINI 8-LGA

Package 8-TLGA

For the pricing/inventory/lead time, please contact

us

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



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# **MPL015A1T1 Specifications**

Manufacturer Part Number         MPL015A1T1           Manufacturer         NXP           Category         Sensors, Transducers           Package         8-TLGA           Series         -           Pressure Type         Absolute           Operating Pressure         7.25 PSI ~ 16.68 PSI (50 kPa ~ 115 kPa)           Output Type         SPI           Output         10 b           Accuracy         ±0.145 PSI (±1 kPa)           Voltage - Supply         2.375 V ~ 5.5 V           Port Size         -           Port Style         No Port           Features         Shutdown Mode           Termination Style         PCB           Maximum Pressure         145.04 PSI (1000 kPa)           Operating Temperature         -40°C ~ 105°C           Package / Case         8-TLGA           Supplier Device Package         8-LGA		
Category         Sensors, Transducers           Package         8-TLGA           Series         -           Pressure Type         Absolute           Operating Pressure         7.25 PSI ~ 16.68 PSI (50 kPa ~ 115 kPa)           Output Type         SPI           Output         10 b           Accuracy         ±0.145 PSI (±1 kPa)           Voltage - Supply         2.375 V ~ 5.5 V           Port Size         -           Port Style         No Port           Features         Shutdown Mode           Termination Style         PCB           Maximum Pressure         145.04 PSI (1000 kPa)           Operating Temperature         -40°C ~ 105°C           Package / Case         8-TLGA           Supplier Device Package         8-LGA	Manufacturer Part Number	MPL015A1T1
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Series - Absolute Operating Pressure Operating Pressure Operating Pressure Output Type SPI Output 10 b Accuracy ±0.145 PSI (±1 kPa) Voltage - Supply Port Size - Port Style No Port Features Shutdown Mode Termination Style Maximum Pressure 145.04 PSI (1000 kPa) Operating Temperature -40°C ~ 105°C Package / Case Supplier Device Package 8-LGA		Pressure Sensors, Transducers
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Operating Pressure 7.25 PSI ~ 16.68 PSI (50 kPa ~ 115 kPa) Output Type SPI Output 10 b Accuracy ±0.145 PSI (±1 kPa) Voltage - Supply 2.375 V ~ 5.5 V Port Size - Port Style No Port Features Shutdown Mode Termination Style Maximum Pressure 145.04 PSI (1000 kPa) Operating Temperature -40°C ~ 105°C Package / Case Supplier Device Package 8-LGA	Series	-
Output TypeSPIOutput $10 \text{ b}$ Accuracy $\pm 0.145 \text{ PSI } (\pm 1 \text{ kPa})$ Voltage - Supply $2.375 \text{ V} \sim 5.5 \text{ V}$ Port Size-Port StyleNo PortFeaturesShutdown ModeTermination StylePCBMaximum Pressure $145.04 \text{ PSI } (1000 \text{ kPa})$ Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ Package / Case $8-\text{TLGA}$ Supplier Device Package $8-\text{LGA}$	Pressure Type	Absolute
Output       10 b         Accuracy       ±0.145 PSI (±1 kPa)         Voltage - Supply       2.375 V ~ 5.5 V         Port Size       -         Port Style       No Port         Features       Shutdown Mode         Termination Style       PCB         Maximum Pressure       145.04 PSI (1000 kPa)         Operating Temperature       -40°C ~ 105°C         Package / Case       8-TLGA         Supplier Device Package       8-LGA	Operating Pressure	7.25 PSI ~ 16.68 PSI (50 kPa ~ 115 kPa)
Accuracy ±0.145 PSI (±1 kPa)  Voltage - Supply 2.375 V ~ 5.5 V  Port Size -  Port Style No Port  Features Shutdown Mode  Termination Style PCB  Maximum Pressure 145.04 PSI (1000 kPa)  Operating Temperature -40°C ~ 105°C  Package / Case 8-TLGA  Supplier Device Package 8-LGA	Output Type	SPI
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Port Size - Port Style No Port Features Shutdown Mode Termination Style PCB Maximum Pressure 145.04 PSI (1000 kPa) Operating Temperature -40°C ~ 105°C Package / Case 8-TLGA Supplier Device Package 8-LGA	Accuracy	±0.145 PSI (±1 kPa)
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Features  Shutdown Mode  Termination Style  PCB  Maximum Pressure  145.04 PSI (1000 kPa)  Operating Temperature  -40°C ~ 105°C  Package / Case  8-TLGA  Supplier Device Package  8-LGA	Port Size	-
Termination Style PCB  Maximum Pressure 145.04 PSI (1000 kPa)  Operating Temperature -40°C ~ 105°C  Package / Case 8-TLGA  Supplier Device Package 8-LGA	Port Style	No Port
Maximum Pressure 145.04 PSI (1000 kPa)  Operating Temperature -40°C ~ 105°C  Package / Case 8-TLGA  Supplier Device Package 8-LGA	Features	Shutdown Mode
Operating Temperature -40°C ~ 105°C  Package / Case 8-TLGA  Supplier Device Package 8-LGA	Termination Style	PCB
Package / Case 8-TLGA Supplier Device Package 8-LGA	Maximum Pressure	145.04 PSI (1000 kPa)
Supplier Device Package 8-LGA	Operating Temperature	-40°C ~ 105°C
	Package / Case	8-TLGA
Report errors?	Supplier Device Package	8-LGA
		Report errors?

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### **Quality Guarantees**

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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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# **MPL015A1T1 Payment Methods**



















### **MPL015A1T1 Shipping Methods**













If you have any question about MPL015A1T1, please do not hesitate to contact us!

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