



MPL115A1 Information



For Reference Only

Part Number MPL115A1

Manufacturer NXP

Category Sensors, Transducers

Pressure Sensors, Transducers

Description IC BAROMETER SPI DGTL MINI 8LGA

Package 8-TLGA

For the pricing/inventory/lead time, please contact

us

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MPL115A1 Specifications

Manufacturer Part Number MPL115A1 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, Standby 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 Report errors?		
CategorySensors, TransducersPackage8-TLGASeries-Pressure TypeAbsoluteOperating Pressure7.25 PSI ~ 16.68 PSI (50 kPa ~ 115 kPa)Output TypeSPIOutput10 bAccuracy±0.145 PSI (±1 kPa)Voltage - Supply2.375 V ~ 5.5 VPort Size-Port StyleNo PortFeaturesShutdown Mode, Standby ModeTermination StylePCBMaximum Pressure145.04 PSI (1000 kPa)Operating Temperature-40°C ~ 105°CPackage / Case8-TLGASupplier Device Package8-LGA	Manufacturer Part Number	MPL115A1
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, Standby 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	NXP
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Output TypeSPIOutput 10 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 Mode, Standby 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, Standby 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)
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Port Size - Port Style No Port Features Shutdown Mode, Standby 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)
Port Style No Port Features Shutdown Mode, Standby 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	Voltage - Supply	2.375 V ~ 5.5 V
Features Shutdown Mode, Standby 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, Standby 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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We provide 90 days warranty. *

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Service Guarantees

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MPL115A1 Shipping Methods













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