

MPL015A1

MPL015A1 Information

www.meisente.com	Part Number	MPL015A1	
	Manufacturer	NXP	
	Category	Sensors, Transducers Pressure Sensors, Transducers	
	Description	IC BAROMETER SPI DGTL MINI 8-LGA	2
	Package	8-TLGA	
		For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	R



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MPL015A1 Specifications

Manufacturer NXP Category Sensors, Transducers Pressure Sensors, Transducers Pressure 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 Type 10 b Accuracy ±0.145 PSI (±1 kPa) Voltage - Supply 2.375 V ~ 5.5 V Port Size - Port Style Not Port Features Shutdown Mode Termination Style PCB Maximum Pressure 445.04 PSI (1000 kPa) Operating Temperature -40°C ~ 105°C Package / Case 8-TLGA		
CategorySensors, TransducersPackagePressure Sensors, TransducersPackage8-TLGASeries-Pressure TypeAbsoluteOperating Pressure7.25 PSI ~ 16.68 PSI (50 kPa ~ 115 kPa)Output TypeSPIOutput Type10 bAccuracy±0.145 PSI (±1 kPa)Voltage - Supply2.375 V ~ 5.5 VPort Size-Port SizeShudown ModeFeaturesShudown ModeTermination StylePCBMaximum Pressure40°C ~ 105°CPackage / Case8-LGA	Manufacturer Part Number	MPL015A1
Pressure Sensors, TransducersPackage8-TLGASeries-Pressure TypeAbsoluteOperating Pressure7.25 PSI ~ 16.68 PSI (50 kPa ~ 115 kPa)Output TypeSPIOutput Type10 bAccuracy±0.145 PSI (±1 kPa)Voltage - Supply2.375 V ~ 5.5 VPort Size-Port StyleNo PortFeaturesShutdown ModeTermination StylePCBMaximum Pressure145.04 PSI (1000 kPa)Operating Temperature-40°C ~ 105°CPackage / Case8-TLGASupplier Device Package8-LGA	Manufacturer	NXP
Package8-TLGASeries-Pressure TypeAbsoluteOperating Pressure7.25 PSI ~ 16.68 PSI (50 kPa ~ 115 kPa)Output TypeSPIOutput Type10 bAccuracy±0.145 PSI (±1 kPa)Voltage - Supply2.375 V ~ 5.5 VPort Size-Port StyleNo PortFeaturesShudown ModeTermination StylePCBMaximum Pressure40°C ~ 105°CPackage / Case8-TLGASupplier Device Package8-LGA	Category	Sensors, Transducers
Series - Series Absolute Pressure Type Absolute Operating Pressure 7.25 PSI ~ 16.68 PSI (50 kPa ~ 115 kPa) Output Type SPI Output Type 10 b Accuracy ±0.145 PSI (±1 kPa) Voltage - Supply 2.375 V ~ 5.5 V Port Size - Port Style No Port Features Shudown Mode Termination Style PCB Maximum Pressure 145.04 PSI (1000 kPa) Operating Temperature ±40°C ~ 105°C Package / Case 8-TLGA		Pressure Sensors, Transducers
Pressure TypeAbsoluteOperating Pressure7.25 PSI ~ 16.68 PSI (50 kPa ~ 115 kPa)Output TypeSPIOutput Queue10 bAccuracy±0.145 PSI (±1 kPa)Voltage - Supply2.375 V ~ 5.5 VPort Size-Port StyleNo PortFeaturesShudown ModeTermination StylePCBMaximum Pressure145.04 PSI (1000 kPa)Operating Temperature8-TLGASupplier Device Package8-LGA	Package	8-TLGA
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	Series	-
Output TypeSPIOutput10 bAccuracy±0.145 PSI (±1 kPa)Voltage - Supply2.375 V ~ 5.5 VPort Size-Port StyleNo PortFeaturesShutdown ModeTermination StylePCBMaximum Pressure145.04 PSI (1000 kPa)Operating Temperature-40°C ~ 105°CPackage / Case8-TLGASupplier Device Package8-LGA	Pressure Type	Absolute
Output10 bAccuracy±0.145 PSI (±1 kPa)Voltage - Supply2.375 V ~ 5.5 VPort Size-Port StyleNo PortFeaturesShutdown ModeTermination StylePCBMaximum Pressure145.04 PSI (1000 kPa)Operating Temperature-40°C ~ 105°CPackage / Case8-TLGASupplier Device Package8-LGA	Operating Pressure	7.25 PSI ~ 16.68 PSI (50 kPa ~ 115 kPa)
Accuracy±0.145 PSI (±1 kPa)Accuracy±0.145 PSI (±1 kPa)Voltage - Supply2.375 V ~ 5.5 VPort Size-Port StyleNo PortFeaturesShutdown ModeTermination StylePCBMaximum Pressure145.04 PSI (1000 kPa)Operating Temperature-40°C ~ 105°CPackage / Case8-TLGASupplier Device Package8-LGA	Output Type	SPI
Voltage - Supply2.375 V ~ 5.5 VPort Size-Port StyleNo PortFeaturesShutdown ModeTermination StylePCBMaximum Pressure145.04 PSI (1000 kPa)Operating Temperature-40°C ~ 105°CPackage / Case8-TLGASupplier Device Package8-LGA	Output	10 b
Port Size-Port StyleNo PortFeaturesShutdown ModeTermination StylePCBMaximum Pressure145.04 PSI (1000 kPa)Operating Temperature-40°C ~ 105°CPackage / Case8-TLGASupplier Device Package8-LGA	Accuracy	±0.145 PSI (±1 kPa)
Port StyleNo PortFeaturesShutdown ModeTermination StylePCBMaximum Pressure145.04 PSI (1000 kPa)Operating Temperature-40°C ~ 105°CPackage / Case8-TLGASupplier Device Package8-LGA	Voltage - Supply	2.375 V ~ 5.5 V
FeaturesShutdown ModeTermination StylePCBMaximum Pressure145.04 PSI (1000 kPa)Operating Temperature-40°C ~ 105°CPackage / Case8-TLGASupplier Device Package8-LGA	Port Size	-
Termination StylePCBMaximum Pressure145.04 PSI (1000 kPa)Operating Temperature-40°C ~ 105°CPackage / Case8-TLGASupplier Device Package8-LGA	Port Style	No Port
Maximum Pressure145.04 PSI (1000 kPa)Operating Temperature-40°C ~ 105°CPackage / Case8-TLGASupplier Device Package8-LGA	Features	Shutdown Mode
Operating Temperature-40°C ~ 105°CPackage / Case8-TLGASupplier Device Package8-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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MPL015A1 Shipping Methods



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