

## **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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## **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.



#### **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?

#### **MPL015A1** 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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

### MPL015A1 Payment Methods



#### **MPL015A1 Shipping Methods**



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