

# **KP215F1701XTMA1**

#### **KP215F1701XTMA1 Information**



E-mail: salesdept@heisener.com



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For Reference Only

## **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.



## **KP215F1701XTMA1** Specifications

ManufacturerInfineon TechnologiesCategorySensors, TransducersPackageSesmors, TransducersPackage8-SMD ModuleSeriesAutomotive, AEC-Q100Pressure TypeAbsoluteOperating Pressure1.45 PSI ~ 16.68 PSI (10 kPa ~ 115 kPa)Output TypeAnalog VoltageOutput Type0.4 V ~ 4.65 VAccuracy±0.333 PSI (±2.3 kPa)Voltage - Supply4.5 V ~ 5.5 VPort Size-Port SizleAnplified Output, Temperature CompensatedFeaturesAmplified Output, Temperature CompensatedMaximum Pressure-Operating Temperature-40°C ~ 140°CPackage / CaseSvMD ModuleSupplier Device Package-		
CategorySensors, TransducersPressure Sensors, TransducersPackage8-SMD ModuleSeriesAutomotive, AEC-Q100Pressure TypeAbsoluteOperating Pressure1.45 PSI ~ 16.68 PSI (10 kPa ~ 115 kPa)Output TypeAnalog VoltageOutput Type0.4 V ~ 4.65 VAccuracy±0.333 PSI (±2.3 kPa)Voltage - Supply4.5 V ~ 5.5 VPort Size-Port StyleNo PortFeaturesAmplified Output, Temperature CompensatedTermination StyleSurface MountMaximum Pressure-Operating Temperature-Package / Case8-SMD ModuleSupplier Device Package-	Manufacturer Part Number	KP215F1701XTMA1
Pressure Sensors, TransducersPackage8-SMD ModuleSeriesAutomotive, AEC-Q100Pressure TypeAbsoluteOperating Pressure1.45 PSI ~ 16.68 PSI (10 kPa ~ 115 kPa)Output TypeAnalog VoltageOutput Type0.4 V ~ 4.65 VAccuracy±0.333 PSI (±2.3 kPa)Voltage - Supply4.5 V ~ 5.5 VPort Size-Port StyleMop Ified Output, Temperature CompensatedTermination StyleSurface MountMaximum Pressure-Operating Temperature40°C ~ 140°CPackage / Case8-SMD ModuleSupplier Device Package-	Manufacturer	Infineon Technologies
Package8-SMD ModuleSeriesAutomotive, AEC-Q100Pressure TypeAbsoluteOperating Pressure1.45 PSI ~ 16.68 PSI (10 kPa ~ 115 kPa)Output TypeAnalog VoltageOutput Type0.4 V ~ 4.65 VAccuracy±0.333 PSI (±2.3 kPa)Voltage - Supply4.5 V ~ 5.5 VPort Size-Port StyleMo PortFeaturesMultified Output, Temperature CompensatedTermination Style-Maximum Pressure-Operating Temperature40°C ~ 140°CPackage / Case8-SMD ModuleSupplier Device Package-	Category	Sensors, Transducers
SeriesAutomotive, AEC-Q100Pressure TypeAbsoluteOperating Pressure1.45 PSI ~ 16.68 PSI (10 kPa ~ 115 kPa)Output TypeAnalog VoltageOutput Type0.4 V ~ 4.65 VAccuracy±0.333 PSI (±2.3 kPa)Voltage - Supply4.5 V ~ 5.5 VPort Size-Port StyleMo PortFeaturesAmplified Output, Temperature CompensatedTermination Style-Operating Temperature-Operating Temperature-Surface Mount-Surface Mount-Surface Moute-Operating Temperature-Surface Mount-Surface Package-Surface Package-Surface Moude-Surface Moude-Package / Case-Surplier Device Package-		Pressure Sensors, Transducers
Pressure TypeAbsoluteOperating Pressure1.45 PSI ~ 16.68 PSI (10 kPa ~ 115 kPa)Output TypeAnalog VoltageOutput Qutput0.4 V ~ 4.65 VAccuracy±0.333 PSI (±2.3 kPa)Voltage - Supply4.5 V ~ 5.5 VPort Size-Port StyleNo PortFeaturesAmplified Output, Temperature CompensatedTermination StyleSurface MountMaximum Pressure-Operating Temperature-40°C ~ 140°CPackage / Case8-SMD ModuleSupplier Device Package-	Package	8-SMD Module
Operating Pressure1.45 PSI ~ 16.68 PSI (10 kPa ~ 115 kPa)Output TypeAnalog VoltageOutput0.4 V ~ 4.65 VAccuracy±0.333 PSI (±2.3 kPa)Voltage - Supply4.5 V ~ 5.5 VPort Size-Port StyleNo PortFeaturesAmplified Output, Temperature CompensatedMaximum Pressure-Operating Temperature-40°C ~ 140°CPackage / Case8-SMD ModuleSupplier Device Package-	Series	Automotive, AEC-Q100
Output TypeAnalog VoltageOutput0.4 V ~ 4.65 VAccuracy±0.333 PSI (±2.3 kPa)Voltage - Supply4.5 V ~ 5.5 VPort Size-Port StyleNo PortFeaturesAmplified Output, Temperature CompensatedMaximum Pressure-Operating Temperature-40°C ~ 140°CPackage / Case8-SMD ModuleSupplier Device Package-	Pressure Type	Absolute
Output0.4 V ~ 4.65 VAccuracy±0.333 PSI (±2.3 kPa)Voltage - Supply4.5 V ~ 5.5 VPort Size-Port StyleNo PortFeaturesAmplified Output, Temperature CompensatedTermination StyleSurface MountMaximum Pressure-Operating Temperature-40°C ~ 140°CPackage / Case8-SMD ModuleSupplier Device Package-	Operating Pressure	1.45 PSI ~ 16.68 PSI (10 kPa ~ 115 kPa)
Accuracy±0.333 PSI (±2.3 kPa)Accuracy±0.333 PSI (±2.3 kPa)Voltage - Supply4.5 V ~ 5.5 VPort Size-Port StyleNo PortFeaturesAmplified Output, Temperature CompensatedTermination StyleSurface MountMaximum Pressure-Operating Temperature-40°C ~ 140°CPackage / Case8-SMD ModuleSupplier Device Package-	Output Type	Analog Voltage
Voltage - Supply4.5 V ~ 5.5 VPort Size-Port StyleNo PortFeaturesAmplified Output, Temperature CompensatedTermination StyleSurface MountMaximum Pressure-Operating Temperature-40°C ~ 140°CPackage / Case8-SMD ModuleSupplier Device Package-	Output	0.4 V ~ 4.65 V
Port Size-Port StyleNo PortFeaturesAmplified Output, Temperature CompensatedTermination StyleSurface MountMaximum Pressure-Operating Temperature-40°C ~ 140°CPackage / Case8-SMD ModuleSupplier Device Package-	Accuracy	±0.333 PSI (±2.3 kPa)
Port StyleNo PortFeaturesAmplified Output, Temperature CompensatedTermination StyleSurface MountMaximum Pressure-Operating Temperature+40°C ~ 140°CPackage / Case8-SMD ModuleSupplier Device Package-	Voltage - Supply	4.5 V ~ 5.5 V
FeaturesAmplified Output, Temperature CompensatedTermination StyleSurface MountMaximum Pressure-Operating Temperature-40°C ~ 140°CPackage / Case8-SMD ModuleSupplier Device Package-	Port Size	-
Termination Style Surface Mount   Maximum Pressure -   Operating Temperature -40°C ~ 140°C   Package / Case 8-SMD Module   Supplier Device Package -	Port Style	No Port
Maximum Pressure-Operating Temperature-40°C ~ 140°CPackage / Case8-SMD ModuleSupplier Device Package-	Features	Amplified Output, Temperature Compensated
Operating Temperature-40°C ~ 140°CPackage / Case8-SMD ModuleSupplier Device Package-	Termination Style	Surface Mount
Package / Case 8-SMD Module   Supplier Device Package -	Maximum Pressure	-
Supplier Device Package -	Operating Temperature	-40°C ~ 140°C
	Package / Case	8-SMD Module
Report errors?	Supplier Device Package	-
		Report errors?

#### **KP215F1701XTMA1** 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.

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#### **KP215F1701XTMA1** Payment Methods



### **KP215F1701XTMA1** Shipping Methods



If you have any question about KP215F1701XTMA1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com