

# **TMP422AIDCNRG4**

### **TMP422AIDCNRG4 Information**

RR new Her com	 TMP422AIDCNRG4 Texas Instruments Sensors, Transducers Temperature Sensors, Transducers SENSOR TEMPERATURE SMBUS SOT23-8 SOT-23-8 For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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## **TMP422AIDCNRG4** Specifications

Manufacturer Part Number TMP422AIDCNRG4   Manufacturer Texas Instruments   Category Sensors, Transducers   Temperature Sensors, Transducers Temperature Sensors, Transducers   Package SOT-23-8   Series -   Sensor Type Digital, Local/Remote   Sensing Temperature - Local -40°C ~ 125°C   Sensing Temperature - Remote -64°C ~ 191°C   Output Type SMBus   Voltage - Supply 2.7 V ~ 5.5 V   Resolution 11 b   Features One-Shot, Output Switch, Programmable Limit, Shutdown Mode   Accuracy - Highest (Lowest) ±1.5°C (±2.5°C)   Operating Temperature -40°C ~ 125°C   Mounting Type Surface Mount   Package / Case SOT-23-8			
CategorySensors, TransducersCategorySensors, TransducersPackageSOT-23-8Package-Sensor TypeDigital, Local/RemoteSensor TypeOigital, Local/RemoteSensing Temperature - Local-40°C ~ 125°CSensing Temperature - Remote-64°C ~ 191°COutput TypeSMBusVoltage - Supply2.7 V ~ 5.5 VResolution11 bFeaturesOne-Shot, Output Switch, Programmable Limit, Shutdown ModeAccuracy - Highest (Lowest)±1.5°C (±2.5°C)Operating Temperature15°C ~ 85°C (-40°C ~ 125°C)Operating TemperatureSurface MountMounting TypeSurface MountPackage / CaseSOT-23-8Supplier Device PackageSOT-23-8	Manufacturer Part Number	TMP422AIDCNRG4	
Temperature Sensors, TransducersPackageSOT-23-8Series-Sensor TypeDigital, Local/RemoteSensing Temperature - Local-40°C ~ 125°CSensing Temperature - Remote-64°C ~ 191°COutput TypeSMBusVoltage - Supply2.7 V ~ 5.5 VResolution11 bFeaturesOne-Shot, Output Switch, Programmable Limit, Shutdown ModeAccuracy - Highest (Lowest)±1.5°C (±2.5°C)Test Condition15°C ~ 85°C (-40°C ~ 125°C)Operating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-8Supplier Device PackageSOT-23-8	Manufacturer	Texas Instruments	
PackageSOT-23-8Series-Sensor TypeDigital, Local/RemoteSensing Temperature - Local-40°C ~ 125°CSensing Temperature - Remote-64°C ~ 191°COutput TypeSMBusVoltage - Supply2.7 V ~ 5.5 VResolution11 bFeaturesOne-Shot, Output Switch, Programmable Limit, Shutdown ModeAccuracy - Highest (Lowest)±1.5°C (±2.5°C)Test Condition15°C ~ 85°C (-40°C ~ 125°C)Operating TemperatureSurface MountPackage / CaseSOT-23-8Supplier Device PackageSOT-23-8	Category	Sensors, Transducers	
Series-SeriesDigital, Local/RemoteSensor TypeDigital, Local/RemoteSensing Temperature - Local-40°C ~ 125°CSensing Temperature - Remote-64°C ~ 191°COutput TypeSMBusVoltage - Supply2.7 V ~ 5.5 VResolution11 bFeaturesOne-Shot, Output Switch, Programmable Limit, Shutdown ModeAccuracy - Highest (Lowest)±1.5°C (±2.5°C)Test Condition15°C ~ 85°C (-40°C ~ 125°C)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-8Supplier Device PackageSOT-23-8		Temperature Sensors, Transducers	
Sensor TypeDigital, Local/RemoteSensing Temperature - Local-40°C ~ 125°CSensing Temperature - Remote-64°C ~ 191°COutput TypeSMBusVoltage - Supply2.7 V ~ 5.5 VResolution11 bFeaturesOne-Shot, Output Switch, Programmable Limit, Shutdown ModeAccuracy - Highest (Lowest)±1.5°C (±2.5°C)Operating Temperature-40°C ~ 125°C)Operating TemperatureSurface MountPackage / CaseSOT-23-8Supplier Device PackageSOT-23-8	Package	SOT-23-8	
Sensing Temperature - Local-40°C ~ 125°CSensing Temperature - Remote-64°C ~ 191°COutput TypeSMBusVoltage - Supply2.7 V ~ 5.5 VResolution11 bFeaturesOne-Shot, Output Switch, Programmable Limit, Shutdown ModeAccuracy - Highest (Lowest)±1.5°C (±2.5°C)Test Condition15°C ~ 85°C (-40°C ~ 125°C)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-8Supplier Device PackageSOT-23-8	Series	-	
Sensing Temperature - Remote-64°C ~ 191°COutput TypeSMBusVoltage - Supply2.7 V ~ 5.5 VResolution11 bFeaturesOne-Shot, Output Switch, Programmable Limit, Shutdown ModeAccuracy - Highest (Lowest)±1.5°C (±2.5°C)Test Condition15°C ~ 85°C (-40°C ~ 125°C)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-8Supplier Device PackageSOT-23-8	Sensor Type	Digital, Local/Remote	
Output TypeSMBusVoltage - Supply $2.7  V \sim 5.5  V$ Resolution11 bFeaturesOne-Shot, Output Switch, Programmable Limit, Shutdown ModeAccuracy - Highest (Lowest) $\pm 1.5^{\circ}C (\pm 2.5^{\circ}C)$ Test Condition $15^{\circ}C \sim 85^{\circ}C (-40^{\circ}C \sim 125^{\circ}C)$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface MountPackage / CaseSOT-23-8Supplier Device PackageSOT-23-8	Sensing Temperature - Local	-40°C ~ 125°C	
Voltage - Supply2.7 V ~ 5.5 VResolution11 bFeaturesOne-Shot, Output Switch, Programmable Limit, Shutdown ModeAccuracy - Highest (Lowest)±1.5°C (±2.5°C)Test Condition15°C ~ 85°C (-40°C ~ 125°C)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-8Supplier Device PackageSOT-23-8	Sensing Temperature - Remote	-64°C ~ 191°C	
Resolution11 bFeaturesOne-Shot, Output Switch, Programmable Limit, Shutdown ModeAccuracy - Highest (Lowest)±1.5°C (±2.5°C)Test Condition15°C ~ 85°C (-40°C ~ 125°C)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-8Supplier Device PackageSOT-23-8	Output Type	SMBus	
FeaturesOne-Shot, Output Switch, Programmable Limit, Shutdown ModeAccuracy - Highest (Lowest) $\pm 1.5^{\circ}C$ ( $\pm 2.5^{\circ}C$ )Test Condition $15^{\circ}C \sim 85^{\circ}C$ ( $-40^{\circ}C \sim 125^{\circ}C$ )Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface MountPackage / CaseSOT-23-8Supplier Device PackageSOT-23-8	Voltage - Supply	2.7 V ~ 5.5 V	
Accuracy - Highest (Lowest)±1.5°C (±2.5°C)Test Condition15°C ~ 85°C (-40°C ~ 125°C)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-8Supplier Device PackageSOT-23-8	Resolution	11 b	
Test Condition15°C ~ 85°C (-40°C ~ 125°C)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-8Supplier Device PackageSOT-23-8	Features	One-Shot, Output Switch, Programmable Limit, Shutdown Mode	
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-8Supplier Device PackageSOT-23-8	Accuracy - Highest (Lowest)	±1.5°C (±2.5°C)	
Mounting TypeSurface MountPackage / CaseSOT-23-8Supplier Device PackageSOT-23-8	Test Condition	15°C ~ 85°C (-40°C ~ 125°C)	
Package / CaseSOT-23-8Supplier Device PackageSOT-23-8	Operating Temperature	-40°C ~ 125°C	
Supplier Device Package SOT-23-8	Mounting Type	Surface Mount	
	Package / Case	SOT-23-8	
Report errors <sup>2</sup>	Supplier Device Package	SOT-23-8	
			Report errors?

### **TMP422AIDCNRG4** 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.

### **TMP422AIDCNRG4** Payment Methods



If you have any question about TMP422AIDCNRG4, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com