

NCT214MT3R2G

a Quote

NCT214MT3R2G Information

Registerer.com	Part Number	NCT214MT3R2G	
	Manufacturer	ON Semiconductor	
	Category	Sensors, Transducers Temperature Sensors, Transducers	- <u>22</u>
	Description	SENSOR TEMP I2C/SMBUS 10WDFN	- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10
	Package	10-WFDFN Exposed Pad	- 50
		For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request

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.



NCT214MT3R2G Specifications

Manufacturer ON Semiconductor Category Sensors, Transducers Temperature Sensors, Transducers Temperature Sensors, Transducers Package 10-WFDFN Exposed Pad Series - Sensor Type Digital, Local/Remote Sensing Temperature - Local -40°C ~ 125°C Sensing Temperature - Remote -64°C ~ 191°C Output Type I2C/SMBus Voltag - Supply 3 V ~ 3.6 V Resolution 7 b Features One-Shot, Output Switch, Programmable Limit, Standby Mode Accuracy - Highest (Lowest) ±1°C (±2.5°C) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 10-WFDFN Exposed Pad			
CategorySensors, TransducersTemperature Sensors, TransducersPackage10-WFDFN Exposed PadSensor Sype-Sensor TypeDigital, Local/RemoteSensing Temperature - Local-40°C ~ 125°CSensing Temperature - Remote-64°C ~ 191°COutput Type12C/SMBusVoltage - Supply3 V ~ 3.6 VResolution7 bFeaturesOne-Shot, Output Switch, Programmable Limit, Standby ModeAccuracy - Highest (Lowest)+1°C (±2.5°C)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case01-WFDFN Exposed Pad	Manufacturer Part Number	NCT214MT3R2G	
Temperature Sensors, TransducersPackage10-WFDFN Exposed PadSeries-Sensor TypeDigital, Local/RemoteSensing Temperature - Local $-40^{\circ}C \sim 125^{\circ}C$ Sensing Temperature - Remote $-64^{\circ}C \sim 191^{\circ}C$ Output Type $12C/SMBus$ Voltage - Supply $3 V \sim 3.6 V$ Resolution $7 b$ FeaturesOne-Shot, Output Switch, Programmable Limit, Standby ModeAccuracy - Highest (Lowest) $\pm 1^{\circ}C (\pm 2.5^{\circ}C)$ Test Condition $0^{\circ}C \sim 70^{\circ}C (-40^{\circ}C \sim 100^{\circ}C)$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface MountPackage / Case 10 -WFDFN Exposed Pad	Manufacturer	ON Semiconductor	
Package10-WFDFN Exposed PadSeries-Sensor TypeDigital, Local/RemoteSensing Temperature - Local-40°C ~ 125°CSensing Temperature - Remote-64°C ~ 191°COutput TypeI2C/SMBusVoltage - Supply3 V ~ 3.6 VResolution7 bFeaturesOne-Shot, Output Switch, Programmable Limit, Standby ModeAccuracy - Highest (Lowest)±1°C (±2.5°C)Test Condition0°C ~ 70°C (-40°C ~ 100°C)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed Pad	Category	Sensors, Transducers	
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Sensing Temperature - Local-40°C ~ 125°CSensing Temperature - Remote-64°C ~ 191°COutput TypeI2C/SMBusVoltage - Supply3 V ~ 3.6 VResolution7 bFeaturesOne-Shot, Output Switch, Programmable Limit, Standby ModeAccuracy - Highest (Lowest)±1°C (±2.5°C)Test Condition0°C ~ 70°C (-40°C ~ 100°C)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed Pad	Series	-	
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Output TypeI2C/SMBusVoltage - Supply3 V ~ 3.6 VResolution7 bFeaturesOne-Shot, Output Switch, Programmable Limit, Standby ModeAccuracy - Highest (Lowest)±1°C (±2.5°C)Test Condition0°C ~ 70°C (-40°C ~ 100°C)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed Pad	Sensing Temperature - Local	-40°C ~ 125°C	
Voltage - Supply3 V ~ 3.6 VResolution7 bFeaturesOne-Shot, Output Switch, Programmable Limit, Standby ModeAccuracy - Highest (Lowest)±1°C (±2.5°C)Test Condition0°C ~ 70°C (-40°C ~ 100°C)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed Pad	Sensing Temperature - Remote	-64°C ~ 191°C	
Resolution7 bFeaturesOne-Shot, Output Switch, Programmable Limit, Standby ModeAccuracy - Highest (Lowest)±1°C (±2.5°C)Test Condition0°C ~ 70°C (-40°C ~ 100°C)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed Pad	Output Type	I2C/SMBus	
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Accuracy - Highest (Lowest)±1°C (±2.5°C)Test Condition0°C ~ 70°C (-40°C ~ 100°C)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed Pad	Resolution	7 b	
Test Condition0°C ~ 70°C (-40°C ~ 100°C)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed Pad	Features	One-Shot, Output Switch, Programmable Limit, Standby Mode	
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed Pad	Accuracy - Highest (Lowest)	±1°C (±2.5°C)	
Mounting Type Surface Mount Package / Case 10-WFDFN Exposed Pad	Test Condition	0°C ~ 70°C (-40°C ~ 100°C)	
Package / Case 10-WFDFN Exposed Pad	Operating Temperature	-40°C ~ 125°C	
	Mounting Type	Surface Mount	
Supplier Device Package 10-WDFN (3x3)	Package / Case	10-WFDFN Exposed Pad	
	Supplier Device Package	10-WDFN (3x3)	
Report errors?			Report errors?

NCT214MT3R2G 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.

NCT214MT3R2G Payment Methods



NCT214MT3R2G Shipping Methods



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