

# 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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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	Package	10-WFDFN Exposed Pad	
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	-	
Sensing 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	Sensor Type	Digital, Local/Remote	
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



If you have any question about NCT214MT3R2G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com