

# TC74A1-3.3VAT

#### **TC74A1-3.3VAT Information**



Part Number	TC74A1-3.3VAT	
Manufacturer	Microchip Technology	
Category	Sensors, Transducers Temperature Sensors, Transducers	
Description	SENSOR TEMP I2C/SMBUS TO220-5	
Package	TO-220-5	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com 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.



## **TC74A1-3.3VAT Specifications**

Manufacturer Part Number TC74A1-3.3VAT   Manufacturer Microchip Technology   Category Sensors, Transducers   Package To-220-5   Series -   Sensor Type Digital, Local   Sensing Temperature - Local -40°C ~ 125°C   Sensing Temperature - Remote -   Output Type IC/SMBus   Voltage - Supply 2.7 V ~ 5.5 V   Features Standby Mode   Accuracy - Highest (Lowest) 25°C ~ 85°C (0°C ~ 125°C)   Operating Temperature -40°C ~ 125°C   Mounting Type Standby Mode   Package / Case Torough Hole   Package / Case Torough Hole		
CategorySensors, TransducersTemperature Sensors, TransducersPackageTO-220-5Series-Sensor TypeDigital, LocalSensing Temperature - Local-40°C ~ 125°CSensing Temperature - Remote-Output TypeI2C/SMBusVoltage - Supply2.7 V ~ 5.5 VResolution7 bFeaturesStandby ModeAccuracy - Highest (Lowest)±2°C (±3°C)Operating Temperature55°C ~ 85°C (0°C ~ 125°C)Operating Temperature-Package / CaseThrough HolePackage / CaseTO-220-5	Manufacturer Part Number	TC74A1-3.3VAT
Temperature Sensors, TransducersPackageTO-220-5Series-Sensor TypeDigital, LocalSensing Temperature - Local-40°C ~ 125°CSensing Temperature - Remote-Output TypeI2C/SMBusVoltage - Supply2.7 V ~ 5.5 VResolution7 bFeaturesStandby ModeAccuracy - Highest (Lowest)25°C ~ 85°C (0°C ~ 125°C)Operating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Manufacturer	Microchip Technology
PackageTO-20-5Series-Sensor TypeDigital, LocalSensing Temperature - Local-40°C ~ 125°CSensing Temperature - Remote-Output TypeI2C/SMBusVoltage - Supply2.7 V ~ 5.5 VResolution7 bFeaturesStandby ModeAccuracy - Highest (Lowest)25°C ~ 85°C (0°C ~ 125°C)Operating Temperature-40°C ~ 125°COperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Category	Sensors, Transducers
Series-Sensor TypeDigital, LocalSensing Temperature - Local-40°C ~ 125°CSensing Temperature - Remote-Output TypeI2C/SMBusVoltage - Supply2.7 V ~ 5.5 VResolution7 bFeaturesStandby ModeAccuracy - Highest (Lowest)25°C ~ 85°C (0°C ~ 125°C)Operating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5		Temperature Sensors, Transducers
Sensor TypeDigital, LocalSensing Temperature - Local-40°C ~ 125°CSensing Temperature - Remote-Output TypeI2C/SMBusVoltage - Supply2.7 V ~ 5.5 VResolution7 bFeaturesStandby ModeAccuracy - Highest (Lowest)25°C + 43°C (0°C ~ 125°C)Operating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Package	TO-220-5
Sensing Temperature - Local-40°C ~ 125°CSensing Temperature - Remote-Output TypeI2C/SMBusVoltage - Supply2.7 V ~ 5.5 VResolution7 bFeaturesStandby ModeAccuracy - Highest (Lowest)±2°C (±3°C)Test Condition25°C ~ 85°C (0°C ~ 125°C)Operating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Series	-
Sensing Temperature - Remote-Output TypeI2C/SMBusVoltage - Supply2.7 V ~ 5.5 VResolution7 bFeaturesStandby ModeAccuracy - Highest (Lowest)±2°C (±3°C)Test Condition25°C ~ 85°C (0°C ~ 125°C)Operating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Sensor Type	Digital, Local
Output TypeI2C/SMBusVoltage - Supply2.7 V ~ 5.5 VResolution7 bFeaturesStandby ModeAccuracy - Highest (Lowest)±2°C (±3°C)Test Condition25°C ~ 85°C (0°C ~ 125°C)Operating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Sensing Temperature - Local	-40°C ~ 125°C
Voltage - Supply2.7 V ~ 5.5 VResolution7 bFeaturesStandby ModeAccuracy - Highest (Lowest) $\pm 2^{\circ}C (\pm 3^{\circ}C)$ Test Condition $25^{\circ}C ~ 85^{\circ}C (0^{\circ}C ~ 125^{\circ}C)$ Operating Temperature $-40^{\circ}C ~ 125^{\circ}C$ Mounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Sensing Temperature - Remote	-
Resolution7 bFeaturesStandby ModeAccuracy - Highest (Lowest) $\pm 2^{\circ}C (\pm 3^{\circ}C)$ Test Condition $5^{\circ}C \sim 85^{\circ}C (0^{\circ}C \sim 125^{\circ}C)$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Output Type	I2C/SMBus
FeaturesStandby ModeAccuracy - Highest (Lowest) $\pm 2^{\circ}C (\pm 3^{\circ}C)$ Test Condition $25^{\circ}C ~ 85^{\circ}C (0^{\circ}C ~ 125^{\circ}C)$ Operating Temperature $-40^{\circ}C ~ 125^{\circ}C$ Mounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Voltage - Supply	2.7 V ~ 5.5 V
Accuracy - Highest (Lowest) $\pm 2^{\circ}C$ ( $\pm 3^{\circ}C$ )Test Condition $25^{\circ}C \sim 85^{\circ}C$ ( $0^{\circ}C \sim 125^{\circ}C$ )Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Resolution	7 b
Test Condition25°C ~ 85°C (0°C ~ 125°C)Operating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Features	Standby Mode
Operating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Accuracy - Highest (Lowest)	±2°C (±3°C)
Mounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Test Condition	25°C ~ 85°C (0°C ~ 125°C)
Package / CaseTO-220-5Supplier Device PackageTO-220-5	Operating Temperature	-40°C ~ 125°C
Supplier Device PackageTO-220-5	Mounting Type	Through Hole
	Package / Case	TO-220-5
Report errors?	Supplier Device Package	TO-220-5
		Report errors?

#### **TC74A1-3.3VAT 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.

## **TC74A1-3.3VAT Payment Methods**





If you have any question about TC74A1-3.3VAT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com