

AT30TSE004A-MAA5M-T

AT30TSE004A-MAA5M-T Information



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.



AT30TSE004A-MAA5M-T Specifications

ManufacturerMicrochip TechnologyCategorySensors, TransducersTemperature Sensors, TransducersPackage8-WFDFN Exposed PadSeries-Sensor TypeDigital, LocalSensing Temperature - Local $-20^{\circ}C \sim 125^{\circ}C$ Sensing Temperature - Remote-Output TypeI2CVoltage - Supply $1.7 \vee 3.6 \vee$ Resolution0bFeaturesOutput Switch, Programmable Limit, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest) $\pm 1^{\circ}C (\pm 3^{\circ}C)$ Coperating Temperature-20^{\circ}C ~ 125^{\circ}COperating Temperature-20^{\circ}C ~ 125^{\circ}CSensor Coperating Temperature-30^{\circ}C ~ 125^{\circ}CSensor Supply50^{\circ}C ~ 95^{\circ}C (-20^{\circ}C ~ 125^{\circ}C)Charge Temperature-20^{\circ}C ~ 125^{\circ}CSensor SupplySurface MountSupplier Device Package8-WFDFN Exposed PadSupplier Device Package8-WDFN (2x3)			
CategorySensors, TransducersTemperature Sensors, TransducersPackage8-WFDFN Exposed PadSeries-Sensor TypeDigital, LocalSensing Temperature - Local-20°C ~ 125°CSensing Temperature - Remote-Output TypeI2CVoltage - Supply1.7 V ~ 3.6 VResolution10 bFeaturesOutput Switch, Programmable Limit, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest)±1°C (±3°C)Test Condition75°C ~ 95°C (-20°C ~ 125°C)Operating TemperatureSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-WDFN (2x3)	Manufacturer Part Number	AT30TSE004A-MAA5M-T	
Temperature Sensors, TransducersPackage8-WFDFN Exposed PadSeries-Sensor TypeDigital, LocalSensing Temperature - Local-20°C ~ 125°CSensing Temperature - Remote-Output TypeI2CVoltage - Supply1.7 V ~ 3.6 VResolution10 bFeaturesOutput Switch, Programmable Limit, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest)±1°C (±3°C)Test Condition75°C ~ 95°C (-20°C ~ 125°C)Operating Temperature20°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-WDFN (2x3)	Manufacturer	Microchip Technology	
Package8-WDFN Exposed PadSeries-Sensor TypeDigital, LocalSensing Temperature - Local-20°C ~ 125°CSensing Temperature - Remote-Output TypeI2CVoltage - Supply1.7 V ~ 3.6 VResolution10 bFeaturesOutput Switch, Programmable Limit, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest)±1°C (±3°C)Test Condition75°C ~ 95°C (-20°C ~ 125°C)Operating TemperatureSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-WDFN (2x3)	Category	Sensors, Transducers	
Series-Sensor TypeDigital, LocalSensor Type-20°C ~ 125°CSensing Temperature - Local-20°C ~ 125°CSensing Temperature - Remote-Output TypeI2CVoltage - Supply1.7 V ~ 3.6 VResolution10 bFeaturesOutput Switch, Programmable Limit, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest) $\pm 1°C (\pm 3°C)$ Test Condition75°C ~ 95°C (-20°C ~ 125°C)Operating Temperature-20°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-WDFN (2x3)		Temperature Sensors, Transducers	
Sensor TypeDigital, LocalSensor Type-0°C ~ 125°CSensing Temperature - Remote-Output TypeI2COutput Type1.7 V ~ 3.6 VResolution0 bFeaturesOutput Switch, Programmable Limit, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest)±1°C (±3°C)Operating Temperature-20°C ~ 125°COperating TemperatureSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-WDFN (2x3)	Package	8-WFDFN Exposed Pad	
Sensing Temperature - Local-20°C ~ 125°CSensing Temperature - Remote-Output TypeI2CVoltage - Supply1.7 V ~ 3.6 VResolution10 bFeaturesOutput Switch, Programmable Limit, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest)±1°C (±3°C)Test Condition75°C ~ 95°C (-20°C ~ 125°C)Operating Temperature-20°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-WDFN (2x3)	Series	-	
Sensing Temperature - Remote-Output TypeI2CVoltage - Supply1.7 V ~ 3.6 VResolution10 bFeaturesOutput Switch, Programmable Limit, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest)±1°C (±3°C)Test Condition75°C ~ 95°C (-20°C ~ 125°C)Operating Temperature-20°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-WDFN (2x3)	Sensor Type	Digital, Local	
Output TypeI2CVoltage - Supply1.7 V ~ 3.6 VResolution10 bFeaturesOutput Switch, Programmable Limit, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest)±1°C (±3°C)Test Condition75°C ~ 95°C (-20°C ~ 125°C)Operating Temperature-20°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-WDFN (2x3)	Sensing Temperature - Local	-20°C ~ 125°C	
Voltage - Supply1.7 V ~ 3.6 VResolution10 bFeaturesOutput Switch, Programmable Limit, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest)±1°C (±3°C)Test Condition75°C ~ 95°C (-20°C ~ 125°C)Operating Temperature-20°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-WDFN (2x3)	Sensing Temperature - Remote	-	
Resolution10 bFeaturesOutput Switch, Programmable Limit, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest)±1°C (±3°C)Test Condition75°C ~ 95°C (-20°C ~ 125°C)Operating Temperature-20°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-WDFN (2x3)	Output Type	I2C	
FeaturesOutput Switch, Programmable Limit, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest)±1°C (±3°C)Test Condition75°C ~ 95°C (-20°C ~ 125°C)Operating Temperature-20°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-WDFN (2x3)	Voltage - Supply	1.7 V ~ 3.6 V	
Accuracy - Highest (Lowest)±1°C (±3°C)Test Condition75°C ~ 95°C (-20°C ~ 125°C)Operating Temperature-20°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-WDFN (2x3)	Resolution	10 b	
Test Condition75°C ~ 95°C (-20°C ~ 125°C)Operating Temperature-20°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-WDFN (2x3)	Features	Output Switch, Programmable Limit, Shutdown Mode, Standby Mode	
Operating Temperature-20°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-WDFN (2x3)	Accuracy - Highest (Lowest)	±1°C (±3°C)	
Mounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-WDFN (2x3)	Test Condition	75°C ~ 95°C (-20°C ~ 125°C)	
Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-WDFN (2x3)	Operating Temperature	-20°C ~ 125°C	
Supplier Device Package8-WDFN (2x3)	Mounting Type	Surface Mount	
	Package / Case	8-WFDFN Exposed Pad	
Report errors?	Supplier Device Package	8-WDFN (2x3)	
			Report errors?

AT30TSE004A-MAA5M-T 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.

AT30TSE004A-MAA5M-T Payment Methods



If you have any question about AT30TSE004A-MAA5M-T, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com