

DS1631U/T&R

DS1631U/T&R 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.



DS1631U/T&R Specifications

CategorySensors, TransducersCategorySensors, TransducersPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Sensor TypeDigital, LocalSensing Temperature - Local-55°C ~ 125°CSensing Temperature - Remote-Output TypeI2CVoltage - Supply2.7 V ~ 5.5 VResolution11 bFeaturesOne-Shot, Output Switch, Programmable Limit, Programmable Resolution, Standby ModeAccuracy - Highest (Lowest) $\pm 0.5°C ~ 125°C$ Operating Temperature9°C ~ 70°C (-55°C ~ 125°C)Operating Temperature55°C ~ 125°CSensing Temperature55°C ~ 125°CAccuracy - Highest (Lowest)9°C ~ 70°C (-55°C ~ 125°C)Operating Temperature55°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX		
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Temperature Sensors, TransducersPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Sensor TypeDigital, LocalSensing Temperature - Local-55°C ~ 125°CSensing Temperature - Remote-Output TypeI2CVoltage - Supply2.7 V ~ 5.5 VResolution11 bFeaturesOne-Shot, Output Switch, Programmable Limit, Programmable Resolution, Standby ModeAccuracy - Highest (Lowest)±0.5°C (±2°C)Test Condition0°C ~ 70°C (-55°C ~ 125°COperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Manufacturer	Maxim Integrated
Package8-TSOP, 8-MSOP (0.118", 3.00mm Width)Series-Sensor TypeDigital, LocalSensing Temperature - Local-55°C ~ 125°CSensing Temperature - Remote-Output TypeI2CVoltage - Supply2.7 V ~ 5.5 VResolution11 bFeaturesOne-Shot, Output Switch, Programmable Limit, Programmable Resolution, Standby ModeAccuracy - Highest (Lowest) $0°C ~ 70°C (-55°C ~ 125°C)$ Operating Temperature-55°C ~ 125°COperating TemperatureSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Category	Sensors, Transducers
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Sensor TypeDigital, LocalSensing Temperature - Local-55°C ~ 125°CSensing Temperature - Remote-Output TypeI2CVoltage - Supply2.7 V ~ 5.5 VResolution11 bFeaturesOne-Shot, Output Switch, Programmable Limit, Programmable Resolution, Standby ModeAccuracy - Highest (Lowest) $\pm 0.5°C (\pm 2°C)$ Operating Temperature-55°C ~ 125°COperating TemperatureSurface MountPackage / Case 8 -TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Sensing Temperature - Local-55°C ~ 125°CSensing Temperature - Remote-Output TypeI2CVoltage - Supply2.7 V ~ 5.5 VResolution11 bFeaturesOne-Shot, Output Switch, Programmable Limit, Programmable Resolution, Standby ModeAccuracy - Highest (Lowest) $\pm 0.5°C (\pm 2°C)$ Test Condition0°C ~ 70°C (-55°C ~ 125°C)Operating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Series	-
Sensing Temperature - Remote-Output TypeI2CVoltage - Supply2.7 V ~ 5.5 VResolution11 bFeaturesOne-Shot, Output Switch, Programmable Limit, Programmable Resolution, Standby ModeAccuracy - Highest (Lowest)±0.5°C (±2°C)Test Condition0°C ~ 70°C (-55°C ~ 125°C)Operating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Sensor Type	Digital, Local
Output TypeI2CVoltage - Supply2.7 V ~ 5.5 VResolution11 bFeaturesOne-Shot, Output Switch, Programmable Limit, Programmable Resolution, Standby ModeAccuracy - Highest (Lowest)±0.5°C (±2°C)Test Condition0°C ~ 70°C (-55°C ~ 125°C)Operating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Sensing Temperature - Local	-55°C ~ 125°C
Voltage - Supply2.7 V ~ 5.5 VResolution11 bFeaturesOne-Shot, Output Switch, Programmable Limit, Programmable Resolution, Standby ModeAccuracy - Highest (Lowest) $\pm 0.5^{\circ}C (\pm 2^{\circ}C)$ Test Condition $0^{\circ}C ~ 70^{\circ}C (-55^{\circ}C ~ 125^{\circ}C)$ Operating Temperature $-55^{\circ}C ~ 125^{\circ}C$ Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Sensing Temperature - Remote	-
Resolution11 bFeaturesOne-Shot, Output Switch, Programmable Limit, Programmable Resolution, Standby ModeAccuracy - Highest (Lowest) $\pm 0.5^{\circ}C (\pm 2^{\circ}C)$ Test Condition $0^{\circ}C \sim 70^{\circ}C (-55^{\circ}C \sim 125^{\circ}C)$ Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface MountPackage / Case 8 -TSSOP, 8 -MSOP (0.118° , 3.00 mm Width)Supplier Device Package 8 -uMAX	Output Type	12C
FeaturesOne-Shot, Output Switch, Programmable Limit, Programmable Resolution, Standby ModeAccuracy - Highest (Lowest) $\pm 0.5^{\circ}C (\pm 2^{\circ}C)$ Test Condition $0^{\circ}C \sim 70^{\circ}C (-55^{\circ}C \sim 125^{\circ}C)$ Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface MountPackage / Case 8 -TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package 8 -uMAX	Voltage - Supply	2.7 V ~ 5.5 V
Accuracy - Highest (Lowest)±0.5°C (±2°C)Test Condition0°C ~ 70°C (-55°C ~ 125°C)Operating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Resolution	11 b
Test Condition0°C ~ 70°C (-55°C ~ 125°C)Operating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Features	One-Shot, Output Switch, Programmable Limit, Programmable Resolution, Standby Mode
Operating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Accuracy - Highest (Lowest)	±0.5°C (±2°C)
Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Test Condition	0°C ~ 70°C (-55°C ~ 125°C)
Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Operating Temperature	-55°C ~ 125°C
Supplier Device Package 8-uMAX	Mounting Type	Surface Mount
	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Report errors?	Supplier Device Package	8-uMAX
http://titologi.		Report errors?

DS1631U/T&R 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.

DS1631U/T&R Payment Methods



DS1631U/T&R Shipping Methods



If you have any question about DS1631U/T&R, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com