

TS3000B3ANRG8

TS3000B3ANRG8 Information

		TS3000B3ANRG8 IDT, Integrated Device Technology Inc Sensors, Transducers Temperature Sensors, Transducers SENSOR TEMP I2C/SMBUS 8VFQFPN 8-VFDFN Exposed Pad For the pricing/inventory/lead time, please contact	
For Reference Onl	ly	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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TS3000B3ANRG8 Specifications

NumberTS3000B3ANRG8ManufacturerIDT, Integrated Device Technology IncCategorySensors, TransducersTemperature Sensors, TransducersPackage8-VFDFN Exposed PadSeries-Sensor TypeDigital, LocalSensing Temperature - Local-20°C ~ 125°CSensing Temperature - Remote-Series1Dutput TypeI2C/SMBusVoltage - Supply3 V ~ 3.6 VFeatures0utput Switch, Programmable Limit, Programmable Resolution, Selectable Hysteresis, Shutdown ModeAccuracy - Highest (Lowest)±1°CTest Condition-20°C ~ 125°COperating Temperature-20°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad			
Category Sensors, Transducers Package 8-VFDFN Exposed Pad Series - Sensor Type Digital, Local Sensing Temperature - Local -20°C ~ 125°C Sensing Temperature - Remote - Output Type I2C/SMBus Voltage - Supply 3 V ~ 3.6 V Resolution 11 b Features Output Switch, Programmable Limit, Programmable Resolution, Selectable Hysteresis, Shutdown Mode, Standby Mode Accuracy - Highest (Lowest) ±1°C Test Condition -20°C ~ 125°C Operating Temperature -20°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad	Manufacturer Part Number	TS3000B3ANRG8	
Temperature Sensors, TransducersPackage8-VFDFN Exposed PadSeries-Sensor TypeDigital, LocalSensing Temperature - Local-0°C ~ 125°CSensing Temperature - Remote-Voltage - Supply3 V ~ 3.6 VNotage - Supply3 V ~ 3.6 VResolution11 bFeaturesOutput Switch, Programmable Limit, Programmable Resolution, Selectable Hysteresis, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest)±1°CTest Condition-20°C ~ 125°COperating Temperature-20°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-VFQFPN (2x3)	Manufacturer	IDT, Integrated Device Technology Inc	
Package8-VFDFN Exposed PadSeries-Sensor TypeDigital, LocalSensor Type20°C ~ 125°CSensing Temperature - Remote-Output TypeI2C/SMBusOutput Type12C/SMBusVoltage - Supply3 V ~ 3.6 VResolution11 bFeaturesoutput Switch, Programmable Limit, Programmable Resolution, Selectable Hysteresis, Shutdown Mode, Standby ModeCorcary - Highest (Lowest)-0°C ~ 125°COperating Temperature-0°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-VFQFPN (2x3)	Category	Sensors, Transducers	
Series-Sensor TypeDigital, LocalSensing Temperature - Local-20°C ~ 125°CSensing Temperature - Remote-2C/SMBusIOutput TypeI2C/SMBusVoltage - Supply3 V ~ 3.6 VResolution11 bFeaturesOutput Switch, Programmable Limit, Programmable Resolution, Selectable Hysteresis, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest)±1°CTest Condition-20°C ~ 125°COperating Temperature Package / CaseSvrface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-VFQFPN (2x3)		Temperature Sensors, Transducers	
Sensor TypeDigital, LocalSensing Temperature - Local-20°C ~ 125°CSensing Temperature - Remote-Qutput TypeI2C/SMBusOutput Type3 V ~ 3.6 VResolution11 bFeaturesOutput Switch, Programmable Limit, Programmable Resolution, Selectable Hysteresis, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest)±1°CTest Condition-20°C ~ 125°COperating Temperature-20°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-VFQFPN (2x3)	Package	8-VFDFN Exposed Pad	
Sensing Temperature - Local-20°C ~ 125°CSensing Temperature - Remote-Output TypeI2C/SMBusOutput Type3 V ~ 3.6 VResolution11 bFeaturesOutput Switch, Programmable Limit, Programmable Resolution, Selectable Hysteresis, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest)±1°CTest Condition-20°C ~ 125°COperating Temperature Package / CaseSurface MountSupplier Device Package8-VFQFPN (2x3)	Series	-	
Local-20°C × 12°CSensing Temperature - Remote-Output TypeI2C/SMBusVoltage - Supply3 V ~ 3.6 VResolution11 bFeaturesOutput Switch, Programmable Limit, Programmable Resolution, Selectable Hysteresis, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest)±1°CTest Condition-20°C ~ 125°COperating Temperature Package / CaseSurface MountSupplier Device Package8-VFQFPN (2x3)	Sensor Type	Digital, Local	
RemoteICC/SMBusOutput TypeI2C/SMBusVoltage - Supply3 V ~ 3.6 VResolution11 bFeaturesOutput Switch, Programmable Limit, Programmable Resolution, Selectable Hysteresis, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest)±1°CTest Condition-20°C ~ 125°COperating TemperatureSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-VFQFPN (2x3)	Sensing Temperature - Local	-20°C ~ 125°C	
Voltage - Supply3 V ~ 3.6 VResolution11 bFeaturesOutput Switch, Programmable Limit, Programmable Resolution, Selectable Hysteresis, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest)±1°CTest Condition-20°C ~ 125°COperating Temperature-20°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-VFQFPN (2x3)	Sensing Temperature - Remote	-	
Resolution11 bFeaturesOutput Switch, Programmable Limit, Programmable Resolution, Selectable Hysteresis, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest) $\pm 1^{\circ}C$ Test Condition $-20^{\circ}C \sim 125^{\circ}C$ Operating Temperature $-20^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-VFQFPN (2x3)	Output Type	I2C/SMBus	
FeaturesOutput Switch, Programmable Limit, Programmable Resolution, Selectable Hysteresis, Shutdown Mode, Standby ModeAccuracy - Highest (Lowest) $\pm 1^{\circ}$ CTest Condition -20° C ~ 125°COperating Temperature -20° C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-VFQFPN (2x3)	Voltage - Supply	3 V ~ 3.6 V	
FeaturesMode, Standby ModeAccuracy - Highest (Lowest)±1°CTest Condition-20°C ~ 125°COperating Temperature-20°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-VFQFPN (2x3)	Resolution	11 b	
Lowest)±1°CTest Condition-20°C ~ 125°COperating Temperature-20°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-VFQFPN (2x3)	Features		
Operating Temperature-20°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-VFQFPN (2x3)	Accuracy - Highest (Lowest)	±1°C	
Mounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-VFQFPN (2x3)	Test Condition	-20°C ~ 125°C	
Package / Case8-VFDFN Exposed PadSupplier Device Package8-VFQFPN (2x3)	Operating Temperature	-20°C ~ 125°C	
Supplier Device Package8-VFQFPN (2x3)	Mounting Type	Surface Mount	
	Package / Case	8-VFDFN Exposed Pad	
Report errors?	Supplier Device Package	8-VFQFPN (2x3)	
		Report errors?	

TS3000B3ANRG8 Guarantees



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