

SX1501I087TRT

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SX1501I087TRT Information

With the sener to a	Part Number	SX1501I087TRT	
	Manufacturer	Semtech Corporation	П
	Category	Integrated Circuits (ICs) Interface - I/O Expanders	Ī
	Description	IC GPIO EXPANDER I2C 4CH 20QFN	Ē
	Package	20-UFQFN Exposed Pad	
		For the pricing/inventory/lead time, please contact us	Ľ
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	1

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.



SX1501I087TRT Specifications

ManufacturerSemtech CorporationCategoryIntegrated Circuits (ICs)PackageInterface - I/O ExpandersPackage20-UFQFN Exposed PadSeries-Number of I/O4InterfaceI2CInterrupt OutputYesFeaturesPOROutput TypePush-PullCurrent - Output Source/Sink8mA, 24mAClock Frequency40%HzVoltage - Supply1.2 V ~ 5.5 VOperating TemperatureSurface MountPackage/ Case0-UFQFN Exposed PadSupplier Device Package0-QFN-UT (3x3)		
CategoryIntegrated Circuits (ICs)Interface - I/O ExpandersPackage20-UFQFN Exposed PadSeries-Number of I/O4InterfaceI2CInterfaceI2CInterrupt OutputYesFeaturesPOROutput TypePush-PullCurrent - Output Source/Sink8mA, 24mAClock Frequency400kHzVoltage - Supply1.2 V ~ 5.5 VOperating TemperatureSurface MountPackage / Case20-UFQFN Exposed PadSupplier Device Package20-QFN-UT (3x3)	Manufacturer Part Number	SX1501I087TRT
Interface - I/O Expanders Package 20-UFQFN Exposed Pad Series - Number of I/O 4 Interface I2C Interrupt Output Yes Features POR Output Type Push-Pull Current - Output Source/Sink 8mA, 24mA Clock Frequency 400KHz Voltage - Supply 1.2 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 20-UFQFN Exposed Pad	Manufacturer	Semtech Corporation
Package20-UFQFN Exposed PadSeries-Number of I/O4InterfaceI2CInterrupt OutputYesFeaturesPOROutput TypePush-PullCurrent - Output Source/Sink8mA, 24mAClock Frequency400KHzVoltage - Supply1.2 V ~ 5.5 VOperating TemperatureSurface MountPackage / CaseSurface MountSupplier Device Package20-UFQFN Exposed Pad	Category	Integrated Circuits (ICs)
Series-Number of I/O4InterfaceI2CInterrupt OutputYesFeaturesPOROutput TypePush-PullCurrent - Output Source/Sink8mA, 24mAClock Frequency400kHzVoltage - Supply1.2 V ~ 5.5 VOperating TemperatureSurface MountPackage / Case20-UFQFN Exposed PadSupplier Device Package20-QFN-UT (3x3)		Interface - I/O Expanders
Number of I/O4Number of I/OIcCInterfaceIcCInterrupt OutputYesFeaturesPOROutput TypePush-PullCurrent - Output Source/Sink8mA, 24mAClock Frequency400kHzVoltage - Supply1.2 V ~ 5.5 VOperating TemperatureSurface MountPackage / Case20-UFQFN Exposed PadSupplier Device Package20-QFN-UT (3x3)	Package	20-UFQFN Exposed Pad
InterfaceI2CInterrupt OutputYesFeaturesPOROutput TypePush-PullCurrent - Output Source/Sink8mA, 24mAClock Frequency400kHzVoltage - Supply1.2 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-UFQFN Exposed PadaSupplier Device Package20-QFN-UT (3x3)	Series	-
Interrupt OutputYesFeaturesPOROutput TypePush-PullCurrent - Output Source/SinkSmA, 24mAClock Frequency400kHzVoltage - Supply1.2 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-UFQFN Exposed PadSupplier Device Package20-QFN-UT (3x3)	Number of I/O	4
FeaturesPOROutput TypePush-PullCurrent - Output Source/Sink8mA, 24mAClock Frequency400kHzVoltage - Supply1.2 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-UFQFN Exposed PadSupplier Device Package20-QFN-UT (3x3)	Interface	I2C
Output TypePush-PullCurrent - Output Source/Sink8mA, 24mAClock Frequency400kHzVoltage - Supply1.2 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-UFQFN Exposed PadSupplier Device Package20-QFN-UT (3x3)	Interrupt Output	Yes
Current - Output Source/Sink8mA, 24mAClock Frequency400kHzVoltage - Supply1.2 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-UFQFN Exposed PadSupplier Device Package20-QFN-UT (3x3)	Features	POR
Clock Frequency400kHzVoltage - Supply1.2 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-UFQFN Exposed PadSupplier Device Package20-QFN-UT (3x3)	Output Type	Push-Pull
Voltage - Supply1.2 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-UFQFN Exposed PadSupplier Device Package20-QFN-UT (3x3)	Current - Output Source/Sink	8mA, 24mA
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-UFQFN Exposed PadSupplier Device Package20-QFN-UT (3x3)	Clock Frequency	400kHz
Mounting TypeSurface MountPackage / Case20-UFQFN Exposed PadSupplier Device Package20-QFN-UT (3x3)	Voltage - Supply	1.2 V ~ 5.5 V
Package / Case20-UFQFN Exposed PadSupplier Device Package20-QFN-UT (3x3)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package20-QFN-UT (3x3)	Mounting Type	Surface Mount
	Package / Case	20-UFQFN Exposed Pad
Report errors?	Supplier Device Package	20-QFN-UT (3x3)
		Report errors?

SX1501I087TRT 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 EUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

SX1501I087TRT Payment Methods





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