



## **ISL9519IRTZ-T Information**



For Reference Only

Part Number ISL9519IRTZ-T

Manufacturer Renesas Electronics America

Category Integrated Circuits (ICs)
PMIC - Battery Chargers

**Description** IC REG/CHRGR NARROW VDC 28TQFN

Package 28-WFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# **Certified Quality**

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## **ISL9519IRTZ-T Specifications**

Manufacturer Part NumberISL9519IRTZ-TManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)Package28-WFQFN Exposed PadSeries-Battery ChemistryLithium-IonNumber of Cells1 ~ 3Current - Charging-Programmable Features-Fault ProtectionShort CircuitCharge Current - Max8ABattery Pack Voltage-Voltage - Supply (Max)22VInterfacePCOperating Temperature-10°C ~ 100°C (TA)Mounting Type-Package / Case28-WFQFN Exposed PadSupplier Device Package28-TQFN (4x4)	•	
Category         Integrated Circuits (ICs)           PMIC - Battery Chargers           Package         28-WFQFN Exposed Pad           Series         -           Battery Chemistry         Lithium-Ion           Number of Cells         1 ~ 3           Current - Charging         -           Programmable Features         -           Fault Protection         Short Circuit           Charge Current - Max         8A           Battery Pack Voltage         -           Voltage - Supply (Max)         22V           Interface         PC           Operating Temperature         -10°C ~ 100°C (TA)           Mounting Type         -           Package / Case         28-WFQFN Exposed Pad           Supplier Device Package         28-TQFN (4x4)	Manufacturer Part Number	ISL9519IRTZ-T
PMIC - Battery Chargers  Package  28-WFQFN Exposed Pad  Series  - Battery Chemistry  Lithium-Ion  Number of Cells  1 ~ 3  Current - Charging  - Programmable Features  Fault Protection  Charge Current - Max  8A  Battery Pack Voltage  - Voltage - Supply (Max)  Interface  Operating Temperature  Mounting Type  - Package / Case  Supplier Device Package  28-WFQFN Exposed Pad  28-WFQFN Exposed Pad  Supplier Device Package	Manufacturer	Renesas Electronics America
Package 28-WFQFN Exposed Pad  Series - Battery Chemistry Lithium-Ion  Number of Cells 1 ~ 3  Current - Charging - Programmable Features - Fault Protection Short Circuit  Charge Current - Max 8A  Battery Pack Voltage - Voltage - Supply (Max) 22V  Interface PC Operating Temperature -10°C ~ 100°C (TA)  Mounting Type - Package / Case 28-WFQFN Exposed Pad  Supplier Device Package 28-TQFN (4x4)	Category	Integrated Circuits (ICs)
Series - Lithium-Ion  Number of Cells 1 ~ 3  Current - Charging - Programmable Features - Short Circuit  Charge Current - Max 8A  Battery Pack Voltage - Voltage - Supply (Max) 22V  Interface PC  Operating Temperature - 10°C ~ 100°C (TA)  Mounting Type - Package / Case 28-WFQFN Exposed Pad  Supplier Device Package   28-TQFN (4x4)		PMIC - Battery Chargers
Battery Chemistry  Number of Cells  1 ~ 3  Current - Charging  - Programmable Features  Fault Protection  Charge Current - Max  Battery Pack Voltage  Voltage - Supply (Max)  Interface  Operating Temperature  Package / Case  Supplier Device Package  Lithium-Ion  1 ~ 3  Lithium-Ion  1 ~ 3  Lithium-Ion  1 ~ 3  Charge Current - Max  Short Circuit  8A  8A  PC  - PC  - Corrent - Max  22V  Interface  PC  -10°C ~ 100°C (TA)  Mounting Type  - Package / Case  28-WFQFN Exposed Pad  Supplier Device Package	Package	28-WFQFN Exposed Pad
Number of Cells  Current - Charging  Programmable Features  Fault Protection  Charge Current - Max  Battery Pack Voltage  Voltage - Supply (Max)  Interface  Operating Temperature  Package / Case  Supplier Device Package  1 ~ 3  1 ~ 3  1 ~ 3  1 ~ 3  1 ~ 3  1 ~ 3  1 ~ 3  2 · Company of the package of the pa	Series	-
Current - Charging Programmable Features - Fault Protection Short Circuit Charge Current - Max 8A Battery Pack Voltage - Voltage - Supply (Max) Interface Operating Temperature Package / Case Package / Case Supplier Device Package	Battery Chemistry	Lithium-Ion
Programmable Features  Fault Protection  Charge Current - Max  Battery Pack Voltage  Voltage - Supply (Max)  Interface  Operating Temperature  Package / Case  Supplier Device Package  - Short Circuit  8A  8A  1- C  1- C  1- C  1- C  1- C  1- C  2- C  2	Number of Cells	1~3
Fault Protection  Charge Current - Max  8A  Battery Pack Voltage  - Voltage - Supply (Max)  Interface  Operating Temperature  Package / Case  Supplier Device Package  Short Circuit  8A  8A	Current - Charging	-
Charge Current - Max  Battery Pack Voltage  - Voltage - Supply (Max)  Interface  Operating Temperature  -10°C ~ 100°C (TA)  Mounting Type  - Package / Case  Supplier Device Package  28-WFQFN Exposed Pad  Supplier Device Package	Programmable Features	-
Battery Pack Voltage  Voltage - Supply (Max)  Interface  PC  Operating Temperature  -10°C ~ 100°C (TA)  Mounting Type  - Package / Case  Supplier Device Package  28-TQFN (4x4)	Fault Protection	Short Circuit
Voltage - Supply (Max)  Interface  I*C  Operating Temperature  -10°C ~ 100°C (TA)  Mounting Type  - Package / Case  28-WFQFN Exposed Pad  Supplier Device Package  28-TQFN (4x4)	Charge Current - Max	8A
Interface IPC Operating Temperature -10°C ~ 100°C (TA)  Mounting Type - Package / Case 28-WFQFN Exposed Pad Supplier Device Package 28-TQFN (4x4)	Battery Pack Voltage	-
Operating Temperature -10°C ~ 100°C (TA)  Mounting Type - Package / Case 28-WFQFN Exposed Pad  Supplier Device Package 28-TQFN (4x4)	Voltage - Supply (Max)	22V
Mounting Type - Package / Case 28-WFQFN Exposed Pad Supplier Device Package 28-TQFN (4x4)	Interface	I <sup>2</sup> C
Package / Case 28-WFQFN Exposed Pad Supplier Device Package 28-TQFN (4x4)	Operating Temperature	-10°C ~ 100°C (TA)
Supplier Device Package 28-TQFN (4x4)	Mounting Type	-
	Package / Case	28-WFQFN Exposed Pad
Report errors?	Supplier Device Package	28-TQFN (4x4)
		Report errors?

#### **ISL9519IRTZ-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.

## **ISL9519IRTZ-T Payment Methods**



















### **ISL9519IRTZ-T Shipping Methods**













If you have any question about ISL9519IRTZ-T, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com