



ISL6292-2CR4Z Information



For Reference Only

Part Number ISL6292-2CR4Z

Manufacturer Renesas Electronics America

Category Integrated Circuits (ICs)
PMIC - Battery Chargers

Description IC CHARGER LI-ION POLYMER 16-QFN

Package 16-VQFN 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

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.









ISL6292-2CR4Z Specifications

Manufacturer Part Number Manufacturer Renesas Electronics America Integrated Circuits (ICs) PMIC - Battery Chargers Package 16-VQFN Exposed Pad Series Lithium-Ion/Polymer Number of Cells 1 Current - Charging Programmable Features Fault Protection Charge Current - Max Battery Pack Voltage Voltage - Supply (Max) Interface USB Operating Temperature Package / Case 16-VQFN Exposed Pad 1-VQFN Exposed Pad 1-VQFN Exposed Pad 1-VQFN Exposed Pad 1-VQFN Exposed Pad	*	
Category Integrated Circuits (ICs) PMIC - Battery Chargers Package 16-VQFN Exposed Pad Series - Battery Chemistry Lithium-Ion/Polymer Number of Cells 1 Current - Charging Programmable Features Fault Protection Charge Current - Max Battery Pack Voltage Voltage - Supply (Max) Interface USB Operating Temperature Package / Case Integrated Circuits (ICs) PMIC - Battery Chargers Lithium-Ion/Polymer 1 Constant - Programmable - 2 Constant - Programmable - 4.2 V USB Operating Temperature -20°C ~ 70°C (TA) Mounting Type - Package / Case	Manufacturer Part Number	ISL6292-2CR4Z
Package 16-VQFN Exposed Pad Series - Battery Chemistry Lithium-Ion/Polymer Number of Cells 1 Current - Charging Constant - Programmable Programmable Features - Fault Protection - Charge Current - Max 2A Battery Pack Voltage 4.2V Voltage - Supply (Max) 6.5V Interface USB Operating Temperature -20°C ~ 70°C (TA) Mounting Type - Package / Case 16-VQFN Exposed Pad	Manufacturer	Renesas Electronics America
Package 16-VQFN Exposed Pad Series - Battery Chemistry Lithium-Ion/Polymer Number of Cells 1 Current - Charging Constant - Programmable Programmable Features - Fault Protection - Charge Current - Max 2A Battery Pack Voltage 4.2V Voltage - Supply (Max) 6.5V Interface USB Operating Temperature -20°C ~ 70°C (TA) Mounting Type - Package / Case 16-VQFN Exposed Pad	Category	Integrated Circuits (ICs)
Series - Lithium-Ion/Polymer Number of Cells 1 Current - Charging Constant - Programmable Programmable Features - Charge Current - Max 2A Battery Pack Voltage 4.2V Voltage - Supply (Max) 6.5V Interface USB Operating Temperature -20°C ~ 70°C (TA) Mounting Type - Rockage / Case 16-VQFN Exposed Pad		PMIC - Battery Chargers
Battery Chemistry Number of Cells 1 Current - Charging Constant - Programmable Programmable Features - Fault Protection - Charge Current - Max Battery Pack Voltage Voltage - Supply (Max) Interface USB Operating Temperature -20°C ~ 70°C (TA) Mounting Type Package / Case Lithium-Ion/Polymer 1 Lithium-Ion/Polymer Lithium-Ion/Polymer Lithium-Ion/Polymer 1 Lithium-Ion/Polymer Lithium-Ion/Polymer 1 1 1 2 2 3 4 2 4 2 4 2 4 2 4 5 5 7 6 5 7 6 6 7 7 6 7 6 7 7 6 7 7 6 7 7 7 7 7 7 8 9 9 1 1 1 1 1 1 1 1 1 1	Package	16-VQFN Exposed Pad
Number of Cells Current - Charging Constant - Programmable Programmable Features - Fault Protection - Charge Current - Max 2A Battery Pack Voltage 4.2V Voltage - Supply (Max) Interface USB Operating Temperature -20°C ~ 70°C (TA) Mounting Type Package / Case 16-VQFN Exposed Pad	Series	-
Current - Charging Programmable Features - Fault Protection - Charge Current - Max Battery Pack Voltage Voltage - Supply (Max) Interface Operating Temperature Mounting Type - Package / Case Constant - Programmable - Co	Battery Chemistry	Lithium-Ion/Polymer
Programmable Features Fault Protection Charge Current - Max Battery Pack Voltage 4.2V Voltage - Supply (Max) Interface USB Operating Temperature Package / Case 16-VQFN Exposed Pad	Number of Cells	1
Fault Protection - Charge Current - Max 2A Battery Pack Voltage 4.2V Voltage - Supply (Max) 6.5V Interface USB Operating Temperature -20°C ~ 70°C (TA) Mounting Type - Package / Case 16-VQFN Exposed Pad	Current - Charging	Constant - Programmable
Charge Current - Max Battery Pack Voltage 4.2V Voltage - Supply (Max) Interface USB Operating Temperature -20°C ~ 70°C (TA) Mounting Type - Package / Case 16-VQFN Exposed Pad	Programmable Features	-
Battery Pack Voltage Voltage - Supply (Max) Interface USB Operating Temperature -20°C ~ 70°C (TA) Mounting Type - Package / Case 16-VQFN Exposed Pad	Fault Protection	-
Voltage - Supply (Max) Interface USB Operating Temperature -20°C ~ 70°C (TA) Mounting Type - Package / Case 16-VQFN Exposed Pad	Charge Current - Max	2A
InterfaceUSBOperating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (TA)Mounting Type-Package / Case $16\text{-VQFN Exposed Pad}$	Battery Pack Voltage	4.2V
Operating Temperature-20°C ~ 70°C (TA)Mounting Type-Package / Case16-VQFN Exposed Pad	Voltage - Supply (Max)	6.5V
Mounting Type - Package / Case 16-VQFN Exposed Pad	Interface	USB
Package / Case 16-VQFN Exposed Pad	Operating Temperature	-20°C ~ 70°C (TA)
	Mounting Type	-
Sumplier Device Peaks on	Package / Case	16-VQFN Exposed Pad
Supplier Device Package 16-QFN (4x4)	Supplier Device Package	16-QFN (4x4)
Report errors?		Report errors?

ISL6292-2CR4Z 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.

ISL6292-2CR4Z Payment Methods



















ISL6292-2CR4Z Shipping Methods













If you have any question about ISL6292-2CR4Z, please do not hesitate to contact us!

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