



ISL80015AFRZ-T Information



For Reference Only

Part Number ISL80015AFRZ-T

ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)

PMIC - Voltage Regulators - DC DC Switching

Regulators

Description IC REG BUCK ADJ 1.5A SYNC 8DFN

Package 8-WFDFN 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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ISL80015AFRZ-T Specifications

Manufacturer Part Number ISL80015AFRZ-T Manufacturer Renesas Electronics America Category Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Regulators Package 8-WFDFN Exposed Pad Series - Function Step-Down Output Configuration Positive Topology Buck Output Type Adjustable Number of Outputs 1 Voltage - Input (Min) 2.7V Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 0.6V Voltage - Output (Max) 5.5V Current - Output 1.5A Frequency - Switching 2MHz Synchronous Rectifier Yes Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-TDFN-EP (2x2)	*	
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Series-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)2.7VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)0.6VVoltage - Output (Max)5.5VCurrent - Output1.5AFrequency - Switching2MHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-TDFN-EP (2x2)		PMIC - Voltage Regulators - DC DC Switching Regulators
Function Step-Down Output Configuration Positive Topology Buck Output Type Adjustable Number of Outputs 1 Voltage - Input (Min) 2.7V Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 0.6V Voltage - Output (Max) 5.5V Current - Output 1.5A Frequency - Switching 2MHz Synchronous Rectifier Yes Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-TDFN-EP (2x2)	Package	8-WFDFN Exposed Pad
Output Configuration Positive Topology Buck Output Type Adjustable Number of Outputs 1 Voltage - Input (Min) 2.7V Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 0.6V Voltage - Output (Max) 5.5V Current - Output (Max) 5.5V Current - Output (Max) 2MHz Synchronous Rectifier Yes Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-TDFN-EP (2x2)	Series	-
Topology Buck Output Type Adjustable Number of Outputs 1 Voltage - Input (Min) 2.7V Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 0.6V Voltage - Output (Max) 5.5V Current - Output (Max) 5.5V Frequency - Switching 2MHz Synchronous Rectifier Yes Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-TDFN-EP (2x2)	Function	Step-Down
Output Type Adjustable Number of Outputs 1 Voltage - Input (Min) 2.7V Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 0.6V Voltage - Output (Max) 5.5V Current - Output (Max) 5.5V Current - Output 1.5A Frequency - Switching 2MHz Synchronous Rectifier Yes Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-TDFN-EP (2x2)	Output Configuration	Positive
Number of Outputs Voltage - Input (Min) 2.7V Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) Voltage - Output (Max) 5.5V Current - Output 1.5A Frequency - Switching 2MHz Synchronous Rectifier Yes Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package	Topology	Buck
Voltage - Input (Min) Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) Voltage - Output (Max) 5.5V Current - Output 1.5A Frequency - Switching 2MHz Synchronous Rectifier Yes Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-TDFN-EP (2x2)	Output Type	Adjustable
Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) 5.5V Current - Output 1.5A Frequency - Switching Synchronous Rectifier Yes Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-TDFN-EP (2x2)	Number of Outputs	1
Voltage - Output (Min/Fixed) Voltage - Output (Max) 5.5V Current - Output 1.5A Frequency - Switching 2MHz Synchronous Rectifier Yes Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-TDFN-EP (2x2)	Voltage - Input (Min)	2.7V
Voltage - Output (Max) Current - Output 1.5A Frequency - Switching Synchronous Rectifier Yes Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-TDFN-EP (2x2)	Voltage - Input (Max)	5.5V
Current - Output 1.5A Frequency - Switching 2MHz Synchronous Rectifier Yes Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-TDFN-EP (2x2)	Voltage - Output (Min/Fixed)	0.6V
Frequency - Switching Synchronous Rectifier Yes Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-TDFN-EP (2x2)	Voltage - Output (Max)	5.5V
Synchronous Rectifier Yes Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-TDFN-EP (2x2)	Current - Output	1.5A
Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-TDFN-EP (2x2)	Frequency - Switching	2MHz
Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-TDFN-EP (2x2)	Synchronous Rectifier	Yes
Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-TDFN-EP (2x2)	Operating Temperature	-40°C ~ 125°C (TJ)
Supplier Device Package 8-TDFN-EP (2x2)	Mounting Type	Surface Mount
	Package / Case	8-WFDFN Exposed Pad
Report errors?	Supplier Device Package	8-TDFN-EP (2x2)
		Report errors?

ISL80015AFRZ-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.

ISL80015AFRZ-T Payment Methods



















ISL80015AFRZ-T Shipping Methods













If you have any question about ISL80015AFRZ-T, please do not hesitate to contact us!

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