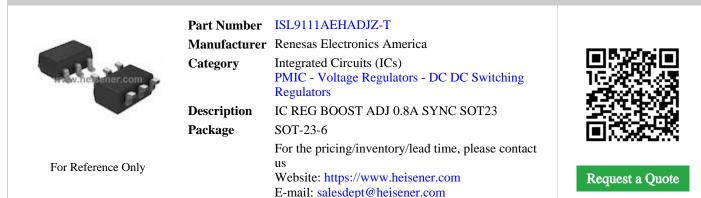


ISL9111AEHADJZ-T

ISL9111AEHADJZ-T Information



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.



ISL9111AEHADJZ-T Specifications

ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackageSOT-23-6Series-FunctionStep-UpOutput ConfigurationPositiveTopologyBoostOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)0.8VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Min/Fixed)5.25VCurrent - Output800mA (Switch)Frequency - Switching1.2MHzSynchronous RectifierYesOperating Temperature-20°C ~ 85°C (TA)Package / CaseSOT-23-6		
CategoryIntegrated Circuits (ICs)PackageSOT-23-6Series-FunctionStep-UpOutput ConfigurationSotiveBoost-Output TypeAdjustableNumber of Outputs1Voltage - Input (Min)0.8VVoltage - Output (Min/Fixed)2.3VVoltage - Output (Min/Fixed)5.25VCurrent - Output800mA (Switch)Prequency - Switching1.2MHZSynchronous RectifierYesOperating Temperature2.0°C ~ 85°C (TA)Mounting TypeSuf-23-6Supplier Device PackageSOT-23-6	Manufacturer Part Number	ISL9111AEHADJZ-T
PMIC - Voltage Regulators - DC DC Switching RegulatorsPackageSOT-23-6Series-FunctionStep-UpOutput ConfigurationPositiveDoutput ConfigurationBoostOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)0.8VVoltage - Output (Min/Fixed)2.3VVoltage - Output (Min/Fixed)5.25VVoltage - Output (Min/Fixed)5.25VCurrent - Output800mA (Switch)Frequency - Switching1.2MHzSynchronous RectifierYesOperating Temperature-20°C ~ 85°C (TA)Mounting TypeSUT-23-6Supplier Device PackageSOT-23-6	Manufacturer	Renesas Electronics America
PackageSOT-23-6Series-FunctionStep-UpOutput ConfigurationPositiveTopologyBoostOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)0.8VVoltage - Input (Min/Fixed)2.3VVoltage - Output (Min/Fixed)5.25VVoltage - Output (Max)5.25VCurrent - Output800mA (Switch)Frequency - Switching1.2MHzSynchronous RectifierYesOperating Temperature-20°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Category	Integrated Circuits (ICs)
Series - Function Step-Up Output Configuration Positive Topology Boost Output Type Adjustable Number of Outputs 1 Voltage - Input (Min) 0.8V Voltage - Input (Max) 2.3V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) 5.25V Current - Output 800mA (Switch) Frequency - Switching 1.2MHz Synchronous Rectifier Yes Operating Temperature SorC ~ 85°C (TA) Mounting Type Surface Mount Package / Case SOT-23-6		PMIC - Voltage Regulators - DC DC Switching Regulators
FunctionStep-UpOutput ConfigurationPositiveTopologyBoostOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)0.8VVoltage - Input (Max)2.3VVoltage - Output (Max)5.25VCurrent - Output800mA (Switch)Frequency - Switching1.2MHzSynchronous RectifierYesOperating Temperature5.0°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Package	SOT-23-6
Output ConfigurationPositivePoologyBoostOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)0.8VVoltage - Input (Max)2.3VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)5.25VCurrent - Output800mA (Switch)Frequency - Switching1.2MHzSynchronous RectifierYesOperating Temperature-20°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Series	-
TopologyBoostOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)0.8VVoltage - Input (Max)2.3VVoltage - Output (Max)2.5VVoltage - Output (Max)5.25VCurrent - Output800mA (Switch)Frequency - Switching1.2MHzSynchronous RectifierYesOperating Temperature-20°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Function	Step-Up
AdjustableOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)0.8VVoltage - Input (Max)2.3VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)5.25VCurrent - Output800mA (Switch)Current - Output1.2MHzSynchronous RectifierYesOperating Temperature-20°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Output Configuration	Positive
Number of Outputs1Number of Outputs1Voltage - Input (Min)0.8VVoltage - Input (Max)2.3VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)5.25VCurrent - Output800mA (Switch)Frequency - Switching1.2MHzSynchronous RectifierYesOperating Temperature-20°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Topology	Boost
Voltage - Input (Min)0.8VVoltage - Input (Max)2.3VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)5.25VCurrent - Output800mA (Switch)Frequency - Switching1.2MHzSynchronous RectifierYesOperating Temperature-20°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Output Type	Adjustable
Voltage - Input (Max)2.3VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)5.25VCurrent - Output800mA (Switch)Frequency - Switching1.2MHzSynchronous RectifierYesOperating Temperature-20°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Number of Outputs	1
Voltage - Output (Min/Fixed)2.5VVoltage - Output (Max)5.25VCurrent - Output800mA (Switch)Frequency - Switching1.2MHzSynchronous RectifierYesOperating Temperature-20°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Voltage - Input (Min)	0.8V
Voltage - Output (Max)5.25VCurrent - Output800mA (Switch)Frequency - Switching1.2MHzSynchronous RectifierYesOperating Temperature-20°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Voltage - Input (Max)	2.3V
Current - Output800mA (Switch)Frequency - Switching1.2MHzSynchronous RectifierYesOperating Temperature-20°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Voltage - Output (Min/Fixed)	2.5V
Frequency - Switching1.2MHzSynchronous RectifierYesOperating Temperature-20°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Voltage - Output (Max)	5.25V
Synchronous RectifierYesOperating Temperature-20°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Current - Output	800mA (Switch)
Operating Temperature-20°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Frequency - Switching	1.2MHz
Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Synchronous Rectifier	Yes
Package / Case SOT-23-6 Supplier Device Package SOT-23-6	Operating Temperature	-20°C ~ 85°C (TA)
Supplier Device Package SOT-23-6	Mounting Type	Surface Mount
	Package / Case	SOT-23-6
Report errors?	Supplier Device Package	SOT-23-6
		Report errors?

ISL9111AEHADJZ-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 BUARANTEE

Service Guarantees

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

DISCOVER

ISL9111AEHADJZ-T Payment Methods



ISL9111AEHADJZ-T Shipping Methods



If you have any question about ISL9111AEHADJZ-T, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com