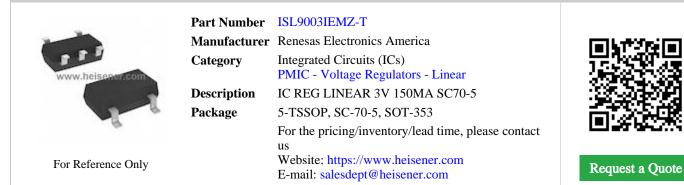


ISL9003IEMZ-T

ISL9003IEMZ-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.



ISL9003IEMZ-T Specifications

Manufacturer Renesas Electronics America Manufacturer Renesas Electronics America Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 5-TSSOP, SC-70-5, SOT-353 Series - Output Configuration Positive Dutput Type Fixed Number of Regulators 1 Voltage - Input (Max) 6.5V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage - Output (Max) - Voltage Dropout (Max) 0.325V @ 150mA Current - Output 150mA Current - Quiescent (Iq) 39µA Current - Supply (Max) 56µA PSRR - Control Features Finable Protection Features Over Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO) Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount		
CategoryIntegrated Circuits (ICS)PMIC - Voltage Regulators - LinearPackage5-TSSOP, SC-70-5, SOT-353Series-Output ConfigurationPositiveOutput ConfigurationFixedNumber of Regulators1Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage - Output (Max)0.325V @ 150mACurrent - Output150mACurrent - Output56µACurrent - Supply (Max)56µAPSRR-Control FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 85°CMounting TypeSurSoo Stard, Son - 353Supplier Device PackageSC-70-5, SOT-353	Manufacturer Part Number	ISL9003IEMZ-T
PMIC - Voltage Regulators - LinearPackage5-TSSOP, SC-70-5, SOT-353Series-Output ConfigurationPositiveDutput ConfigurationFixedNumber of Regulators1Voltage - Input (Max)6.5VVoltage - Output (Max)-Voltage Dutput (Max)-Voltage Dropout (Max)0.325V @ 150mACurrent - Output39µACurrent - Quiescent (Iq)39µACurrent - Supply (Max)-PSRR-Control FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature4.0°C ~ 85°CMounting TypeSufface MountPackage / CaseS.770-5, SOT-353Supplier Device PackageSC-70-5	Manufacturer	Renesas Electronics America
Package5-TSSOP, SC-70-5, SOT-353Series-Output ConfigurationPositiveOutput ConfigurationFixedNumber of Regulators1Voltage - Input (Max)6.5 VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage - Output (Max)0.325 V @ 150mACurrent - Output50µACurrent - Quiescent (Iq)39µACurrent - Supply (Max)56µAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature440°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-70-5, SOT-353Supplier Device PackageSC-70-5	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage - Output (Max)0.325V @ 150mAVoltage Dropout (Max)0.325V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)3µACurrent - Supply (Max)-Potection FeaturesFoabeProtection FeaturesNoer Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature4.0°C ~ 85°CMounting TypeSurface MountPackage / CaseS.7SSOP, SC7-05, SOT-353Supplier Device PackageSC-70-5		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage - Output (Max)0.325V @ 150mAVoltage Dropout (Max)0.325V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)39µACurrent - Supply (Max)56µAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Package	5-TSSOP, SC-70-5, SOT-353
Private Fixed Dutput Type Fixed Number of Regulators 1 Voltage - Input (Max) 6.5V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.325V @ 150mA Current - Output 150mA Current - Quiescent (Iq) 39µA Current - Supply (Max) 56µA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO) Operating Temperature Surface Mount Package / Case 5-TSSOP, SC-70-5, SOT-353 Supplier Device Package Sc-70-5	Series	-
Number of Regulators1Number of Regulators1Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)0.325V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)39µACurrent - Supply (Max)56µAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Output Configuration	Positive
Voltage - Input (Max) 6.5V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.325V @ 150mA Current - Output 150mA Current - Output 150mA Current - Quiescent (Iq) 39µA Current - Supply (Max) 56µA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case S-TSSOP, SC-70-5, SOT-353 Supplier Device Package SC-70-5	Output Type	Fixed
Voltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)0.325V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)39μACurrent - Supply (Max)56μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.325V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)39μACurrent - Supply (Max)56μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Voltage - Input (Max)	6.5V
Voltage Dropout (Max)0.325V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)39μACurrent - Supply (Max)56μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Voltage - Output (Min/Fixed)	3V
Current - Output150mACurrent - Quiescent (Iq)39μACurrent - Supply (Max)56μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Voltage - Output (Max)	-
Current - Quiescent (Iq)39μASourrent - Supply (Max)56μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Voltage Dropout (Max)	0.325V @ 150mA
Current - Supply (Max)56μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Current - Output	150mA
PSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Current - Quiescent (Iq)	39µА
Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Current - Supply (Max)	56µА
Protection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	PSRR	-
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Control Features	Enable
Mounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Protection Features	Over Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)
Package / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Operating Temperature	-40°C ~ 85°C
Supplier Device Package SC-70-5	Mounting Type	Surface Mount
	Package / Case	5-TSSOP, SC-70-5, SOT-353
Report errors?	Supplier Device Package	SC-70-5
		Report errors?

ISL9003IEMZ-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.

ISL9003IEMZ-T Payment Methods



ISL9003IEMZ-T Shipping Methods



If you have any question about ISL9003IEMZ-T, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com