

ISL9000IRKCZ

ISL9000IRKCZ Information

The second second	Part Number Manufacturer Category Description Package	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear IC REG LINEAR 1.8V/2.85V 10DFN 10-VFDFN Exposed Pad For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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ISL9000IRKCZ Specifications

ManufacturerIntersilCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackageIo-VFDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)1.8V, 2.85VVoltage - Output (Max)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output300mA, 300mACurrent - Output300mA, 300mACurrent - Supply (Max)32µA ~ 52µAPSRR9db ~ 50dB (1kHz ~ 100kHz), -Control FeaturesGver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature55°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed PadSupplier Device Package10-DFN (3x3)			
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Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)1.8V, 2.85VVoltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)-Voltage Dropout (Max)-, 0.325V @ 300mACurrent - Output300mA, 300mACurrent - Output300mA, 300mACurrent - Supply (Max)32µA ~ 52µAPSRR90db ~ 50dB (1kHz ~ 100kHz), -Control FeaturesDver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed PadSupplier Device Package10-DFN (3x3)		PMIC - Voltage Regulators - Linear	
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Private of Regulators Fixed Number of Regulators 2 Voltage - Input (Max) 6.5V Voltage - Output (Min/Fixed) 1.8V, 2.85V Voltage - Output (Max) - Voltage Dropout (Max) -, 0.325V @ 300mA Current - Output 300mA, 300mA Current - Quiescent (Iq) - Current - Supply (Max) 32µA ~ 52µA PSRR 90db ~ 50dB (1kHz ~ 100kHz), - Control Features Enable, Power On Reset Protection Features Over Current, Over Temperature, Under Voltage Lockout (UVLO) Operating Temperature Surface Mount Package / Case 10-VFDFN Exposed Pad Supplier Device Package 10-DFN (3x3)	Series	-	
Number of Regulators2Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)1.8V, 2.85VVoltage - Output (Max)-Voltage Dropout (Max)-, 0.325V @ 300mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)32µA ~ 52µAPSRR90db ~ 50dB (1kHz ~ 100kHz), -Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-DFN (3x3)	Output Configuration	Positive	
Voltage - Input (Max) 6.5V Voltage - Output (Min/Fixed) 1.8V, 2.85V Voltage - Output (Max) - Voltage Dropout (Max) -, 0.325V @ 300mA Current - Output 300mA, 300mA Current - Quiescent (Iq) - Current - Supply (Max) 32µA ~ 52µA PSRR 90db ~ 50dB (1kHz ~ 100kHz), - Control Features Over Current, Over Temperature, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-VFDFN Exposed Pad Supplier Device Package 10-DFN (3x3)	Output Type	Fixed	
Voltage - Output (Min/Fixed)1.8V, 2.85VVoltage - Output (Max)-Voltage Dropout (Max)-, 0.325V @ 300mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)32µA ~ 52µAPSRR90db ~ 50dB (1kHz ~ 100kHz), -Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Number of Regulators	2	
Voltage - Output (Max)-Voltage Dropout (Max)-, 0.325V @ 300mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)32μA ~ 52μAPSRR90db ~ 50dB (1kHz ~ 100kHz), -Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Voltage - Input (Max)	6.5V	
Voltage Dropout (Max)-, 0.325V @ 300mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)32µA ~ 52µAPSRR90db ~ 50dB (1kHz ~ 100kHz), -Control Features90db ~ 50dB (1kHz ~ 100kHz), -Control FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Voltage - Output (Min/Fixed)	1.8V, 2.85V	
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Current - Quiescent (Iq)-Current - Supply (Max)32μA ~ 52μAPSRR90db ~ 50dB (1kHz ~ 100kHz), -Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Voltage Dropout (Max)	-, 0.325V @ 300mA	
Current - Supply (Max)32μA ~ 52μAPSRR90db ~ 50dB (1kHz ~ 100kHz), -Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Current - Output	300mA, 300mA	
PSRR90db ~ 50dB (1kHz ~ 100kHz), -Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Current - Quiescent (Iq)	-	
Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Current - Supply (Max)	32µA ~ 52µA	
Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed PadSupplier Device Package10-DFN (3x3)	PSRR	90db ~ 50dB (1kHz ~ 100kHz), -	
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Control Features	Enable, Power On Reset	
Mounting TypeSurface MountPackage / Case10-VFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Protection Features	Over Current, Over Temperature, Under Voltage Lockout (UVLO)	
Package / Case10-VFDFN Exposed PadSupplier Device Package10-DFN (3x3)	Operating Temperature	-40°C ~ 85°C	
Supplier Device Package10-DFN (3x3)	Mounting Type	Surface Mount	
	Package / Case	10-VFDFN Exposed Pad	
Report errors?	Supplier Device Package	10-DFN (3x3)	
			Report errors?

ISL9000IRKCZ 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.

ISL9000IRKCZ Payment Methods



ISL9000IRKCZ Shipping Methods



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