

ISL9011AIRKCZ

uest a Quote

ISL9011AIRKCZ Information

NUN DESCRIPTIONS	Part Number Manufacturer Category Description Package	ISL9011AIRKCZ Intersil Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear IC REG LINEAR 2.85V/1.8V 10DFN 10-VFDFN Exposed Pad For the pricing/inventory/lead time, please contact	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Requ

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.



ISL9011AIRKCZ Specifications

Manufacturer Part NumberSL9011AIRKCZManufacturerIntersilCategoryIntegrated Circuits (ICs)PackagePMIC - Voltage Regulators - LinearPackage0-VFDFN Exposed PadSeries0Output ConfigurationPositiveOutput TypeFixedVoltage Regulators2Voltage Angulators5.5Voltage Coupting (Max)6.5Voltage Coupting (Max)6.5Voltage Coupting (Max)0.5Voltage Coupting (Max)0.5Volta				
CategoryIntegrated Circuits (ICs)PackagePMIC - Voltage Regulators - LinearPackage0.VFDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)2.SSV.1.8VVoltage - Output (Max)-Voltage - Output (Max)0.2V@ 150mA, -Voltage Dopout (Max)0.2V@ 150mA, -Current - Output1.SomACurrent - Output-Current - Output (Max)-SRR-, 70dB ~ 40dB (1kHz ~ 100kHz)Potection FeaturesOver Current, Output, 2.S°CPotection Features-Mounting TypeSuface MountPockage / Case0.VFDFN Exposed Pad	Manufacturer Part Number	ISL9011AIRKCZ		
PMIC - Voltage Regulators - LinearPackage10-VFDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)2.85V, 1.8VVoltage Output (Max)-Voltage Dropout (Max)0.2V @ 150mA, -Current - Output150mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)40µA ~ 60µAPSRR., 70dB ~ 40dB (1kHz ~ 100kHz)Control FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 85°CMounting TypeSurface MouttPackage / Case10-VFDFN Exposed Pad	Manufacturer	Intersil		
Package10-VFDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)2.85V, 1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 150mA, -Current - Output150mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)40µA ~ 60µAPSRR., 70dB ~ 40dB (1kHz ~ 100kHz)Control FeaturesGover Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 85°CMounting TypeIo-VFDFN Exposed Pad	Category	Integrated Circuits (ICs)		
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)2.85V, 1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 150mA, -Current - Output150mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)40µA ~ 60µAPSRR-, 70dB ~ 40dB (1kHz ~ 100kHz)Portection FeaturesEnableProtection Features-, 40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad		PMIC - Voltage Regulators - Linear		
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)2.85V, 1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 150mA, -Current - Output150mA, 300mACurrent - Quiescent (Iq)-PSRR., 70dB ~ 40dB (1kHz ~ 100kHz)Portection FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating TemperatureSurface MountPackage / Case10-VFDFN Exposed Pad	Package	10-VFDFN Exposed Pad		
Output TypeFixedNumber of Regulators2Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)2.85V, 1.8VVoltage - Output (Max)-Voltage - Output (Max)0.2V @ 150mA, -Voltage Dropout (Max)0.2V @ 150mA, -Current - Output1.50mA, 300mACurrent - Quiescent (Iq)-Voltage Serret (Iq)-PSRR.70dB ~ 40dB (1kHz ~ 100kHz)Portorio FeaturesFoableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 85°CMounting TypeIo-YEDFN Exposed Pad	Series	-		
Number of Regulators2Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)2.85V, 1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 150mA, -Current - Output150mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)40µA ~ 60µAPSRR-, 70dB ~ 40dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating TemperatureSurface MountPackage / Case10-VFDFN Exposed Pad	Output Configuration	Positive		
Voltage - Input (Max) 6.5V Voltage - Output (Min/Fixed) 2.85V, 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.2V @ 150mA, - Current - Output 150mA, 300mA Current - Quiescent (Iq) - Current - Supply (Max) 40µA ~ 60µA PSRR -, 70dB ~ 40dB (1kHz ~ 100kHz) 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 10-VFDFN Exposed Pad	Output Type	Fixed		
Voltage - Output (Min/Fixed)2.85V, 1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 150mA, -Current - Output150mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)40µA ~ 60µAPSRR-, 70dB ~ 40dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating TemperatureSurface MountPackage / Case10-VFDFN Exposed Pad	Number of Regulators	2		
Voltage - Output (Max)-Voltage Dropout (Max)0.2V @ 150mA, -Current - Output150mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)40μA ~ 60μAPSRR-, 70dB ~ 40dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad	Voltage - Input (Max)	6.5V		
Voltage Dropout (Max)0.2V @ 150mA, -Current - Output150mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)40μA ~ 60μAPSRR-, 70dB ~ 40dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad	Voltage - Output (Min/Fixed)	2.85V, 1.8V		
Current - Output150mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)40μA ~ 60μAPSRR-, 70dB ~ 40dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad	Voltage - Output (Max)	-		
Current - Quiescent (Iq)-Current - Supply (Max)40μA ~ 60μAPSRR-, 70dB ~ 40dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad	Voltage Dropout (Max)	0.2V @ 150mA, -		
Current - Supply (Max)40μA ~ 60μAPSRR-, 70dB ~ 40dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad	Current - Output	150mA, 300mA		
PSRR-, 70dB ~ 40dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad	Current - Quiescent (Iq)	-		
Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad	Current - Supply (Max)	40μΑ ~ 60μΑ		
Protection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad	PSRR	-, 70dB ~ 40dB (1kHz ~ 100kHz)		
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad	Control Features	Enable		
Mounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad	Protection Features	Over Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)		
Package / Case 10-VFDFN Exposed Pad	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$		
	Mounting Type	Surface Mount		
Supplier Device Package10-DFN (3x3)	Package / Case	10-VFDFN Exposed Pad		
	Supplier Device Package	10-DFN (3x3)		
Report error		Report errors?		

ISL9011AIRKCZ 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.

ISL9011AIRKCZ Payment Methods



ISL9011AIRKCZ Shipping Methods



If you have any question about ISL9011AIRKCZ, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com