

# ISL9012IRCCZ-T

#### **ISL9012IRCCZ-T Information**

For Reference Only	Part Number Manufacturer Category	ISL9012IRCCZ-T Intersil Integrated Circuits (ICs)	
	Description	PMIC - Voltage Regulators - Linear IC REG LIN 1.8V/1.8V 10DFN	
	Package	10-VFDFN Exposed Pad	前。总规。
		For the pricing/inventory/lead time, please contact us	
		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

## **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.



## **ISL9012IRCCZ-T Specifications**

Anument Intersil   datagory Integrated Circuits (ICs)   PMIC - Voltage Regulators - Linear   ackage 10-VFDFN Exposed Pad   eries -   butput Configuration Positive   butput Configuration Positive   butput Type Fixed   contage - Input (Max) 6.5V   foltage - Output (Min/Fixed) 1.8V, 1.8V   foltage - Output (Max) -   foltage Dropout (Max) -, -   foltage Dropout (Max) -, -   fortage Coutput (Max) -   fortage Dropout (Max) -, - <th></th> <th></th>				
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PMIC - Voltage Regulators - Linearackage10-VFDFN Exposed Paderies-butput ConfigurationPositivebutput ConfigurationFixedbutput TypeFixedlumber of Regulators2'oltage - Input (Max)6.5V'oltage - Output (Min/Fixed)1.8V, 1.8V'oltage Dropout (Max)-'oltage Dropout (Max)-'orurent - Output150mA, 300mA'urrent - Quiescent Iq)-'urrent - Supply (Max)40µA ~ 60µASRR70dB ~ 40dB (1kHz ~ 100kHz), 70dB ~ 40dB (1kHz ~ 100kHz)'ortection FeaturesEnablerotection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)'perating Temperature40°C ~ 85°CAunting TypeSurface Mountackage / Case10-VFDFN Exposed Padupplier Device Package10-DFN (3x3)	Manufacturer	Intersil		
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Voltage - Output (Max)-Voltage Dropout (Max)-, -Current - Output150mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)40μA ~ 60μASRR70dB ~ 40dB (1kHz ~ 100kHz), 70dB ~ 40dB (1kHz ~ 100kHz)Control FeaturesEnableControl FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface Mountackage / Case10-VFDFN Exposed Padupplier Device Package10-DFN (3x3)	Voltage - Input (Max)	6.5V		
Voltage Dropout (Max)-, -Current - Output150mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)40μA ~ 60μASRR70dB ~ 40dB (1kHz ~ 100kHz), 70dB ~ 40dB (1kHz ~ 100kHz)Control FeaturesEnableControl FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface Mounttackage / Case10-VFDFN Exposed Padupplier Device Package10-DFN (3x3)	Voltage - Output (Min/Fixed)	1.8V, 1.8V		
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Control FeaturesEnablerotection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)operating Temperature-40°C ~ 85°CMounting TypeSurface Mountackage / Case10-VFDFN Exposed Padupplier Device Package10-DFN (3x3)	Current - Supply (Max)	40μΑ ~ 60μΑ		
rotection FeaturesOver Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface Mountackage / Case10-VFDFN Exposed Padupplier Device Package10-DFN (3x3)	PSRR	70dB ~ 40dB (1kHz ~ 100kHz), 70dB ~ 40dB (1kHz ~ 100kHz)		
Operating Temperature-40°C ~ 85°CAounting TypeSurface MountYackage / Case10-VFDFN Exposed Padupplier Device Package10-DFN (3x3)	Control Features	Enable		
Mounting TypeSurface MountJackage / Case10-VFDFN Exposed Padupplier Device Package10-DFN (3x3)	Protection Features	Over Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)		
Package / Case10-VFDFN Exposed Padupplier Device Package10-DFN (3x3)	Operating Temperature	-40°C ~ 85°C		
upplier Device Package 10-DFN (3x3)	Mounting Type	Surface Mount		
	Package / Case	10-VFDFN Exposed Pad		
Report errors?	Supplier Device Package	10-DFN (3x3)		
heport enois.		Report errors?		

#### **ISL9012IRCCZ-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.

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### **ISL9012IRCCZ-T Shipping Methods**



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