



## ISL80121IR50Z Information

Part Number ISL80121IR50Z

ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 5V 1A 10DFN

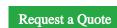
Package 10-VFDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
E-mail: salesdept@heisener.com





## **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.









# ISL80121IR50Z Specifications

Manufacturer Part Number	ISL80121IR50Z	
Manufacturer	Renesas Electronics America	
Category	Integrated Circuits (ICs)	
	PMIC - Voltage Regulators - Linear	
Package	10-VFDFN Exposed Pad	
Series	-	
Output Configuration	Positive	
Output Type	Fixed	
Number of Regulators	1	
Voltage - Input (Max)	6V	
Voltage - Output (Min/Fixed)	5V	
Voltage - Output (Max)	-	
Voltage Dropout (Max)	0.13V @ 1A	
Current - Output	1A	
Current - Quiescent (Iq)	5mA	
Current - Supply (Max)	7mA	
PSRR	40dB (1kHz)	
Control Features	Current Limit, Enable, Power Good, Soft Start	
Protection Features	Over Temperature	
Operating Temperature	-40°C ~ 125°C	
Mounting Type	Surface Mount	
Package / Case	10-VFDFN Exposed Pad	
Supplier Device Package	10-DFN (3x3)	
		Report errors?

### ISL80121IR50Z 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.

## ISL80121IR50Z Payment Methods



















## **ISL80121IR50Z Shipping Methods**













If you have any question about ISL80121IR50Z, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com