



### **IRU1208CS Information**



For Reference Only

Part Number IRU1208CS

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR POS ADJ 1A 8SOIC

Package 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



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# **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.









## **IRU1208CS Specifications**

Manufacturer Part Number         IRU1208CS           Manufacturer         Infineon Technologies           Category         Integrated Circuits (ICs)           Package         8-SOIC (0.154", 3.90mm Width)           Series         -           Output Configuration         Positive           Output Type         Adjustable           Number of Regulators         1           Voltage - Input (Max)         12V           Voltage - Output (Min/Fixed)         1.24V           Voltage - Output (Max)         11.35V           Voltage Dropout (Max)         0.65V @ 1A           Current - Output         1A           Current - Supply (Max)         3mA ~ 50mA           PSRR         -           Control Features         Over Current, Over Temperature           Operature Temperature         0°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width)           Supplier Device Package         8-SOIC	•	
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         8-SOIC (0.154", 3.90mm Width)           Series         -           Output Configuration         Positive           Output Type         Adjustable           Number of Regulators         1           Voltage - Input (Max)         12V           Voltage - Output (Min/Fixed)         1.24V           Voltage - Output (Max)         11.35V           Voltage Dropout (Max)         0.65V @ 1A           Current - Output         1A           Current - Quiescent (Iq)         -           Current - Supply (Max)         3mA ~ 50mA           PSRR         -           Control Features         -           Protection Features         Over Current, Over Temperature           Operating Temperature         0°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width)           Supplier Device Package         8-SOIC	Manufacturer Part Number	IRU1208CS
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Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)12VVoltage - Output (Min/Fixed)1.24VVoltage - Output (Max)11.35VVoltage Dropout (Max)0.65V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)3mA ~ 50mAPSRR-Control FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Package	8-SOIC (0.154", 3.90mm Width)
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Number of Regulators  Voltage - Input (Max)  Voltage - Output (Min/Fixed)  1.24V  Voltage - Output (Max)  11.35V  Voltage Dropout (Max)  0.65V @ 1A  Current - Output  1A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Control Features  Over Current, Over Temperature  Operating Temperature  Operating Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Output Configuration	Positive
Voltage - Input (Max)12VVoltage - Output (Min/Fixed)1.24VVoltage - Output (Max)11.35VVoltage Dropout (Max)0.65V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)3mA ~ 50mAPSRR-Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Output Type	Adjustable
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  11.35V  Voltage Dropout (Max)  0.65V @ 1A  Current - Output  1A  Current - Quiescent (Iq)	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  0.65V @ 1A  Current - Output  1A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Protection Features  Operating Temperature  Operating Type  Mounting Type  Surface Mount  Package / Case  8-SOIC  11.35V  11.35V  11.35V  14.  16.  16.  16.  17.  18.  19.  19.  10.  10.  10.  10.  10.  10	Voltage - Input (Max)	12V
Voltage Dropout (Max)  Current - Output  1A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Protection Features  Operating Temperature  Operating Type  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Voltage - Output (Min/Fixed)	1.24V
Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  - Control Features  Protection Features  Operating Temperature  Operating Type  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Voltage - Output (Max)	11.35V
Current - Quiescent (Iq)  Current - Supply (Max)  3mA ~ 50mA  PSRR  - Control Features  - Protection Features  Operating Temperature  Operating Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Voltage Dropout (Max)	0.65V @ 1A
Current - Supply (Max)  PSRR  - Control Features  - Protection Features  Operating Temperature  Operating Type  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Current - Output	1A
PSRR - Control Features - Protection Features Over Current, Over Temperature Operating Temperature 0°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Current - Quiescent (Iq)	-
Control Features - Over Current, Over Temperature Operating Temperature 0°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Current - Supply (Max)	3mA ~ 50mA
Protection Features Operating Temperature  0°C ~ 125°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	PSRR	-
Operating Temperature 0°C ~ 125°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Control Features	-
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Protection Features	Over Current, Over Temperature
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	0°C ~ 125°C
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SOIC
		Report errors?

### **IRU1208CS 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.

# **IRU1208CS Payment Methods**



















## **IRU1208CS Shipping Methods**













If you have any question about IRU1208CS, please do not hesitate to contact us!

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