



#### **IRU1207-33CSTR Information**



For Reference Only

Part Number IRU1207-33CSTR

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 3.3V 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.









## **IRU1207-33CSTR Specifications**

Manufacturer Part Number         IRU1207-33CSTR           Manufacturer         Infineon Technologies           Category         Integrated Circuits (ICs)           Package         8-SOIC (0.154", 3.90mm Width)           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         12V           Voltage - Output (Min/Fixed)         3.3V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.65V @ 1A           Current - Output         1A           Current - Quiescent (Iq)         -           Current - Supply (Max)         3mA ~ 50mA           PSRR         -           Control Features         Enable           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)	•	
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         8-SOIC (0.154", 3.90mm Width)           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         12V           Voltage - Output (Min/Fixed)         3.3V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.65V @ 1A           Current - Output         1A           Current - Quiescent (Iq)         -           Current - Supply (Max)         3mA ~ 50mA           PSRR         -           Control Features         Enable           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)	Manufacturer Part Number	IRU1207-33CSTR
Package 8-SOIC (0.154", 3.90mm Width)  Series - Coutput Configuration Positive  Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) 12V  Voltage - Output (Min/Fixed) 3.3V  Voltage - Output (Max) - Coutput (Max) 14A  Current - Output (Max) 15A  Current - Quiescent (Iq) - Current - Supply (Max) 3mA ~ 50mA  PSRR - Control Features Protection Features Over Current, Over Temperature  Operating Temperature Over Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)	Manufacturer	Infineon Technologies
Package         8-SOIC (0.154", 3.90mm Width)           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         12V           Voltage - Output (Min/Fixed)         3.3V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.65V @ 1A           Current - Output         1A           Current - Quiescent (Iq)         -           Current - Supply (Max)         3mA ~ 50mA           PSRR         -           Control Features         Enable           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)	Category	Integrated Circuits (ICs)
Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         12V           Voltage - Output (Min/Fixed)         3.3V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.65V @ 1A           Current - Output         1A           Current - Quiescent (Iq)         -           Current - Supply (Max)         3mA ~ 50mA           PSRR         -           Control Features         Enable           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)		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)12VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.65V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)3mA ~ 50mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Package	8-SOIC (0.154", 3.90mm Width)
Output TypeFixedNumber of Regulators1Voltage - Input (Max)12VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.65V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)3mA ~ 50mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Series	-
Number of Regulators  Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  1A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Enable  Protection Features  Operating Temperature  Operating Type  Mounting Type  Surface Mount  Package / Case  12V  12V  12V  12V  13V  12V  13V  14V  15V  15V  15V  15V  15V  15V  15	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  3.3V  Voltage - Output (Max)  - Voltage Dropout (Max)  Current - Output  1A  Current - Quiescent (Iq)  - Current - Supply (Max)  3mA ~ 50mA  PSRR  - Control Features  Enable  Protection Features  Operating Temperature  Operating Temperature  Mounting Type  Surface Mount  Package / Case  12V  3.3V  3.3V  3.3V  - Control Features  1A  1A  Current - Output  1A  Current - Output  1A  Current - Supply (Max)  3mA ~ 50mA  - Control Features  Over Current, Over Temperature  Over Current, Over Temperature  Operating Temperature  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)	Output Type	Fixed
Voltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.65V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)3mA ~ 50mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  1A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Protection Features  Operating Temperature  Operating Type  Mounting Type  Package / Case  - Control Set Wash  Surface Mount  Surface Mount  Package / Case  - Control Features  Surface Mount  Package / Case	Voltage - Input (Max)	12V
Voltage Dropout (Max)  Current - Output  1A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Protection Features  Operating Temperature  Mounting Type  Package / Case  0.65V @ 1A  1A  La  La  La  La  La  La  La  La  La  L	Voltage - Output (Min/Fixed)	3.3V
Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  -  Control Features  Enable  Protection Features  Operating Temperature  Operating Type  Mounting Type  Surface Mount  Package / Case  1 A  Current - Output   SmA ~ 50mA   Control Features  Over Current, Over Temperature  O°C ~ 125°C  Mounting Type  Surface Mount  8-SOIC (0.154", 3.90mm Width)	Voltage - Output (Max)	-
Current - Quiescent (Iq)  Current - Supply (Max)  3mA ~ 50mA  PSRR  - Control Features  Enable  Protection Features  Over Current, Over Temperature  Operating Temperature  Operating Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)	Voltage Dropout (Max)	0.65V @ 1A
Current - Supply (Max)  PSRR  - Control Features  Enable  Protection Features  Over Current, Over Temperature  Operating Temperature  O°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)	Current - Output	1A
PSRR - Control Features Enable 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)	Current - Quiescent (Iq)	-
Control Features Enable  Protection Features Over Current, Over Temperature  Operating Temperature  O°C ~ 125°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Supply (Max)	3mA ~ 50mA
Protection Features Over Current, Over Temperature $0^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount $Package / Case \qquad 8-SOIC \ (0.154", 3.90mm \ Width)$	PSRR	-
Operating Temperature $0^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case 8-SOIC $(0.154^{\circ}, 3.90 \text{mm Width})$	Control Features	Enable
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Protection Features	Over Current, Over Temperature
Package / Case 8-SOIC (0.154", 3.90mm Width)	Operating Temperature	0°C ~ 125°C
	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package 8-SOIC	Supplier Device Package	8-SOIC
Report errors?		Report errors?

#### **IRU1207-33CSTR 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.

### **IRU1207-33CSTR Payment Methods**



















# **IRU1207-33CSTR Shipping Methods**













If you have any question about IRU1207-33CSTR, please do not hesitate to contact us!

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