



IRU1150CSTR Information



For Reference Only

Part Number IRU1150CSTR

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR POS ADJ 4A 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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IRU1150CSTR Specifications

Manufacturer Part Number IRU1150CSTR 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) 7V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 5.5V Voltage Dropout (Max) 1.2V @ 4A Current - Output 4A Current - Supply (Max) 10mA PSRR 70dB (120Hz) 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	*	
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Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)5.5VVoltage Dropout (Max)1.2V @ 4ACurrent - Output4ACurrent - Quiescent (Iq)-Current - Supply (Max)10mAPSRR70dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Series	-
Number of Regulators 1 Voltage - Input (Max) 7V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 5.5V Voltage Dropout (Max) 1.2V @ 4A Current - Output 4A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 70dB (120Hz) 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	Output Configuration	Positive
Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)5.5VVoltage Dropout (Max)1.2V @ 4ACurrent - Output4ACurrent - Quiescent (Iq)-Current - Supply (Max)10mAPSRR70dB (120Hz)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)1.25VVoltage - Output (Max)5.5VVoltage Dropout (Max)1.2V @ 4ACurrent - Output4ACurrent - Quiescent (Iq)-Current - Supply (Max)10mAPSRR70dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 1.2V @ 4A Current - Output 4A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 70dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature Operating Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Voltage - Input (Max)	7V
Voltage Dropout (Max) Current - Output 4A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 70dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature Operating Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Voltage - Output (Min/Fixed)	1.25V
Current - Output Current - Quiescent (Iq) - Current - Supply (Max) PSRR 70dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature Operating Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Voltage - Output (Max)	5.5V
Current - Quiescent (Iq) Current - Supply (Max) PSRR 70dB (120Hz) 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)	1.2V @ 4A
Current - Supply (Max) PSRR 70dB (120Hz) 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	Current - Output	4A
PSRR 70dB (120Hz) 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)	10mA
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	70dB (120Hz)
Operating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-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?

IRU1150CSTR 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.

IRU1150CSTR Payment Methods





















IRU1150CSTR Shipping Methods













If you have any question about IRU1150CSTR, please do not hesitate to contact us!

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