



ADP7142AUJZ-R7 Information



For Reference Only

Part Number ADP7142AUJZ-R7

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LIN POS ADJ 200MA TSOT23

Package SOT-23-5 Thin, TSOT-23-5

For the pricing/inventory/lead time, please contact

us

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



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ADP7142AUJZ-R7 Specifications

Manufacturer Part NumberADP7142AUIZ-R7ManufacturerAnalog Devices Inc.CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackageSOT-23-5 Thin, TSOT-23-5Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)40VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)39.58VVoltage Dropout (Max)0.42V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)140μA ~ 320μAPSRR88dB ~ 50dB (10kHz ~ 1MHz)Control FeaturesSoft StartProtection FeaturesOver Temperature Short Circuit		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package SOT-23-5 Thin, TSOT-23-5 Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) 39.58V Voltage Dropout (Max) 0.42V @ 200mA Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) 140μA ~ 320μA PSRR 88dB ~ 50dB (10kHz ~ 1MHz) Control Features Soft Start	Manufacturer Part Number	ADP7142AUJZ-R7
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Number of Regulators1Voltage - Input (Max) $40V$ Voltage - Output (Min/Fixed) $1.2V$ Voltage - Output (Max) $39.58V$ Voltage Dropout (Max) $0.42V @ 200mA$ Current - Output $200mA$ Current - Quiescent (Iq)-Current - Supply (Max) $140\mu A \sim 320\mu A$ PSRR $88dB \sim 50dB (10kHz \sim 1MHz)$ Control FeaturesSoft Start	Output Configuration	Positive
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Voltage - Output (Min/Fixed)1.2VVoltage - Output (Max)39.58VVoltage Dropout (Max)0.42V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)140μA ~ 320μAPSRR88dB ~ 50dB (10kHz ~ 1MHz)Control FeaturesSoft Start	Number of Regulators	1
Voltage - Output (Max) 39.58V Voltage Dropout (Max) 0.42V @ 200mA Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) 140μA ~ 320μA PSRR 88dB ~ 50dB (10kHz ~ 1MHz) Control Features Soft Start	Voltage - Input (Max)	40V
Voltage Dropout (Max) Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 88dB ~ 50dB (10kHz ~ 1MHz) Control Features Soft Start	Voltage - Output (Min/Fixed)	1.2V
Current - Output 200mA	Voltage - Output (Max)	39.58V
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Current - Supply (Max) $140\mu A \sim 320\mu A$ $PSRR \qquad \qquad 88dB \sim 50dB \ (10kHz \sim 1MHz)$ $Control \ Features \qquad \qquad Soft \ Start$	Current - Output	200mA
PSRR 88dB ~ 50dB (10kHz ~ 1MHz) Control Features Soft Start	Current - Quiescent (Iq)	-
Control Features Soft Start	Current - Supply (Max)	$140\mu A \sim 320\mu A$
	PSRR	88dB ~ 50dB (10kHz ~ 1MHz)
Protection Features Over Temperature Short Circuit	Control Features	Soft Start
Total Tompolation, Short Chount	Protection Features	Over Temperature, Short Circuit
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Operating Temperature	-40°C ~ 125°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case SOT-23-5 Thin, TSOT-23-5	Package / Case	SOT-23-5 Thin, TSOT-23-5
Supplier Device Package TSOT-23-5	Supplier Device Package	TSOT-23-5
Report errors?		Report errors?

ADP7142AUJZ-R7 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.

ADP7142AUJZ-R7 Payment Methods



















ADP7142AUJZ-R7 Shipping Methods













If you have any question about ADP7142AUJZ-R7, please do not hesitate to contact us!

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