



TPS71525QDCKRQ1 Information



For Reference Only

Part Number TPS71525QDCKRQ1
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 2.5V 50MA SC70-5

Package 5-TSSOP, SC-70-5, SOT-353
For the pricing/inventory/lead time, please contact

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TPS71525QDCKRQ1 Specifications

Manufacturer Part NumberTPS71525QDCKRQ1ManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage5-TSSOP, SC-70-5, SOT-353SeriesAutomotive, AEC-Q100Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)24VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.75V @ 50mACurrent - Output50mACurrent - Quiescent (Iq)-		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 5-TSSOP, SC-70-5, SOT-353 Series Automotive, AEC-Q100 Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) Voltage Dropout (Max) Current - Output Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear 5-TSSOP, SC-70-5, SOT-353 Automotive, AEC-Q100 Positive Fixed 1 Voltage - Output (Max) 24V Voltage - Input (Max) - Voltage - Output (Max) - SomA	Manufacturer Part Number	TPS71525QDCKRQ1
PMIC - Voltage Regulators - Linear Package 5-TSSOP, SC-70-5, SOT-353 Series Automotive, AEC-Q100 Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 24V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.75V @ 50mA Current - Output (Max) 50mA	Manufacturer	Texas Instruments
Package 5-TSSOP, SC-70-5, SOT-353 Series Automotive, AEC-Q100 Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 24V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.75V @ 50mA Current - Output (Max) 50mA	Category	Integrated Circuits (ICs)
Series Automotive, AEC-Q100 Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 24V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.75V @ 50mA Current - Output 50mA		PMIC - Voltage Regulators - Linear
Output Configuration Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 50mA	Package	5-TSSOP, SC-70-5, SOT-353
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 24V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.75V @ 50mA Current - Output 50mA	Series	Automotive, AEC-Q100
Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 50mA	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output 24V 2.5V	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output 50mA	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) Current - Output - 0.75V @ 50mA 50mA	Voltage - Input (Max)	24V
Voltage Dropout (Max) Current - Output 0.75V @ 50mA 50mA	Voltage - Output (Min/Fixed)	2.5V
Current - Output 50mA	Voltage - Output (Max)	-
	Voltage Dropout (Max)	0.75V @ 50mA
Current - Quiescent (Iq)	Current - Output	50mA
	Current - Quiescent (Iq)	-
Current - Supply (Max) 12µA	Current - Supply (Max)	12μΑ
PSRR 60dB (100kHz)	PSRR	60dB (100kHz)
Control Features -	Control Features	-
Protection Features Over Current, Reverse Polarity	Protection Features	Over Current, Reverse Polarity
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 5-TSSOP, SC-70-5, SOT-353	Package / Case	5-TSSOP, SC-70-5, SOT-353
Supplier Device Package SC-70-5	Supplier Device Package	SC-70-5
Report errors?		Report errors?

TPS71525QDCKRQ1 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.

TPS71525QDCKRQ1 Payment Methods



















TPS71525QDCKRQ1 Shipping Methods













If you have any question about TPS71525QDCKRQ1, please do not hesitate to contact us!

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