



## **TPS71525QDCKRQ1 Information**



For Reference Only

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 2.5V 50MA SC70-5

TPS71525QDCKRQ1

Package 5-TSSOP, SC-70-5, SOT-353

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**

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Part Number









# **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!

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