



#### **TPS77150DGKR Information**



For Reference Only

Part Number TPS77150DGKR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 5V 150MA 8VSSOP **Package** 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)

For the pricing/inventory/lead time, please contact

us

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



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## **TPS77150DGKR Specifications**

Manufacturer Part Number         TPS77150DGKR           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Package         8-TSSOP, 8-MSOP (0.118", 3.00mm Width)           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         10V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage - Output (Max)         -           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.12V @ 50mA           Current - Output         150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         125µA           PSRR         60dB (1kHz)           Control Features         Over Current, Over Temperature, Reverse Polarity           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         8-TSSOP, 8-MSOP (0.118", 3.00mm Width)           Supplier Device Package         8-VSSOP	•		
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         8-TSSOP, 8-MSOP (0.118", 3.00mm Width)           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         10V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.12V @ 50mA           Current - Output         150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         125µA           PSRR         60dB (1kHz)           Control Features         Enable, Reset           Protection Features         Over Current, Over Temperature, Reverse Polarity           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         8-TSSOP, 8-MSOP (0.118", 3.00mm Width)           Supplier Device Package         8-VSSOP	Manufacturer Part Number	TPS77150DGKR	
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Number of Regulators  Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  Voltage Dropout (Max)  Current - Output  150mA  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  60dB (1kHz)  Control Features  Protection Features  Over Current, Over Temperature, Reverse Polarity  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Supplier Device Package	Output Configuration	Positive	
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage - Output (Max)  -  Voltage Dropout (Max)  Current - Output  150mA  Current - Quiescent (Iq)  -  Current - Supply (Max)  125µA  PSRR  60dB (1kHz)  Control Features  Frotection Features  Over Current, Over Temperature, Reverse Polarity  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Supplier Device Package	Output Type	Fixed	
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  - Voltage Dropout (Max)  0.12V @ 50mA  Current - Output  150mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  60dB (1kHz)  Control Features  Protection Features  Over Current, Over Temperature, Reverse Polarity  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Supplier Device Package	Number of Regulators	1	
Voltage - Output (Max)-Voltage Dropout (Max)0.12V @ 50mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (1kHz)Control FeaturesEnable, ResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	Voltage - Input (Max)	10V	
Voltage Dropout (Max)  Current - Output  150mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  60dB (1kHz)  Control Features  Enable, Reset  Protection Features  Over Current, Over Temperature, Reverse Polarity  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Supplier Device Package	Voltage - Output (Min/Fixed)	5V	
Current - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (1kHz)Control FeaturesEnable, ResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	Voltage - Output (Max)	-	
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PSRR 60dB (1kHz)  Control Features Enable, Reset  Protection Features Over Current, Over Temperature, Reverse Polarity  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Supplier Device Package 8-VSSOP	Current - Quiescent (Iq)	-	
Control Features  Enable, Reset  Over Current, Over Temperature, Reverse Polarity  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Supplier Device Package  8-VSSOP	Current - Supply (Max)	125μΑ	
Protection Features Over Current, Over Temperature, Reverse Polarity  -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Supplier Device Package 8-VSSOP	PSRR	60dB (1kHz)	
Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Supplier Device Package  8-VSSOP	Control Features	Enable, Reset	
Mounting Type Surface Mount  Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Supplier Device Package 8-VSSOP	Protection Features	Over Current, Over Temperature, Reverse Polarity	
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-VSSOP	Operating Temperature	-40°C ~ 125°C	
Supplier Device Package 8-VSSOP	Mounting Type	Surface Mount	
	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	
Report errors?	Supplier Device Package	8-VSSOP	
			Report errors?

#### **TPS77150DGKR 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.

## **TPS77150DGKR Payment Methods**



















## **TPS77150DGKR Shipping Methods**













If you have any question about TPS77150DGKR, please do not hesitate to contact us!

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