



TPS77001DBVR Information



For Reference Only

Part Number TPS77001DBVR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LIN POS ADJ 50MA SOT23-5

Package SC-74A, SOT-753

For the pricing/inventory/lead time, please contact

us

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



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TPS77001DBVR Specifications

Manufacturer Part Number TPS77001DBVR Manufacturer Texas Instruments Category Integrated Circuits (ICs) Package SC-74A, SOT-753 Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) 5.5V Voltage Dropout (Max) - Current - Output 50mA Current - Supply (Max) 28μA PSRR 60dB (1kHz) Control Features Cover Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	-		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package SC-74A, SOT-753 Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) 5.5V Voltage Dropout (Max) - Current - Output 50mA Current - Quiescent (Iq) - Current - Supply (Max) 28μA PSRR 60dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Manufacturer Part Number	TPS77001DBVR	
PMIC - Voltage Regulators - Linear Package SC-74A, SOT-753 Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) 5.5V Voltage Dropout (Max) - Current - Output 50mA Current - Quiescent (Iq) - Current - Supply (Max) 28μA PSRR 60dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Manufacturer	Texas Instruments	
PackageSC-74A, SOT-753Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)5.5VVoltage Dropout (Max)-Current - Output50mACurrent - Quiescent (Iq)-Current - Supply (Max)28μAPSRR60dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Category	Integrated Circuits (ICs)	
Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) 5.5V Voltage Dropout (Max) - Current - Output 50mA Current - Quiescent (Iq) - Current - Supply (Max) 28µA PSRR 60dB (1kHz) Control Features 60dB (1kHz) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5		PMIC - Voltage Regulators - Linear	
Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)5.5VVoltage Dropout (Max)-Current - Output50mACurrent - Quiescent (Iq)-Current - Supply (Max)28μAPSRR60dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Package	SC-74A, SOT-753	
Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)5.5VVoltage Dropout (Max)-Current - Output50mACurrent - Quiescent (Iq)-Current - Supply (Max)28µAPSRR60dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Series	-	
Number of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)5.5VVoltage Dropout (Max)-Current - Output50mACurrent - Quiescent (Iq)-Current - Supply (Max)28μAPSRR60dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Output Configuration	Positive	
Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) 5.5V Voltage Dropout (Max) - Current - Output 50mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 60dB (1kHz) Control Features Fontection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Output Type	Adjustable	
Voltage - Output (Min/Fixed) Voltage - Output (Max) 5.5V Voltage Dropout (Max) - Current - Output 50mA Current - Quiescent (Iq) - Current - Supply (Max) 28μA 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 SC-74A, SOT-753 Supplier Device Package	Number of Regulators	1	
Voltage - Output (Max) Voltage Dropout (Max) - Current - Output 50mA Current - Quiescent (Iq) - Current - Supply (Max) 28µA PSRR 60dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Voltage - Input (Max)	10V	
Voltage Dropout (Max) Current - Output 50mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 60dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Voltage - Output (Min/Fixed)	1.2V	
Current - Output 50mA Current - Quiescent (Iq) - Current - Supply (Max) 28µA PSRR 60dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Voltage - Output (Max)	5.5V	
Current - Quiescent (Iq) Current - Supply (Max) 28μA PSRR 60dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package	Voltage Dropout (Max)	-	
Current - Supply (Max) 28µA PSRR 60dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Current - Output	50mA	
PSRR 60dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Current - Quiescent (Iq)	-	
Control Features Protection Features Over Current, Over Temperature, Reverse Polarity -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Current - Supply (Max)	28μΑ	
Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	PSRR	60dB (1kHz)	
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Control Features	Enable	
Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Protection Features	Over Current, Over Temperature, Reverse Polarity	
Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Operating Temperature	-40°C ~ 125°C	
Supplier Device Package SOT-23-5	Mounting Type	Surface Mount	
	Package / Case	SC-74A, SOT-753	
Report errors?	Supplier Device Package	SOT-23-5	
			Report errors?

TPS77001DBVR 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.

TPS77001DBVR Payment Methods



















TPS77001DBVR Shipping Methods













If you have any question about TPS77001DBVR, please do not hesitate to contact us!

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