



TPS76325DBVR Information



For Reference Only

Part Number TPS76325DBVR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 2.5V 150MA 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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TPS76325DBVR Specifications

Manufacturer Part Number TPS76325DBVR Manufacturer Texas Instruments Category Integrated Circuits (ICs) Package SC-74A, SOT-753 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 2.60V @ 150mA Current - Output 150mA Current - Supply (Max) 100μA ~ 140μA PSRR 60dB (1kHz) Control 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	-		
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Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 2.60V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 100µA ~ 140µA 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		PMIC - Voltage Regulators - Linear	
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)2.60V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)100μA ~ 140μAPSRR60dB (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 TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)2.60V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)100μA ~ 140μAPSRR60dB (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)2.5VVoltage - Output (Max)-Voltage Dropout (Max)2.60V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)100μA ~ 140μAPSRR60dB (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) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 2.60V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 100µA ~ 140µA 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	Output Type	Fixed	
Voltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)2.60V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)100μA ~ 140μAPSRR60dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Number of Regulators	1	
Voltage - Output (Max) Voltage Dropout (Max) 2.60V @ 150mA Current - Output 150mA 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	Voltage - Input (Max)	10V	
Voltage Dropout (Max)2.60V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)100μA ~ 140μAPSRR60dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage - Output (Min/Fixed)	2.5V	
Current - Output 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 SC-74A, SOT-753 Supplier Device Package	Voltage - Output (Max)	-	
Current - Quiescent (Iq) Current - Supply (Max) 100μA ~ 140μA 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)	2.60V @ 150mA	
Current - Supply (Max)100μA ~ 140μAPSRR60dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Current - Output	150mA	
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)	$100\mu A \sim 140\mu A$	
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?

TPS76325DBVR 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.

TPS76325DBVR Payment Methods



















TPS76325DBVR Shipping Methods













If you have any question about TPS76325DBVR, please do not hesitate to contact us!

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