

TPS76133DBVT

TPS76133DBVT Information



Part Number	TPS76133DBVT
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear
Description	IC REG LINEAR 3.3V 100MA 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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Part



TPS76133DBVT Specifications

Manufacturer Texas Instruments Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package SC-74A, SOT-753 Series - Output Configuration Positive Dutput Configuration Positive Sumber of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage - Output (Max) 0.28V @ 100mA Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) 15µA ~ 4mA PSRR G3dB (1kHz) Control Features Dover Current, Over Temperature, Reverse Polarity, Transient Voltage Protection Features Over Current, Over Temperature, Reverse Polarity, Transient Voltage Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case Surface Mount			
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackageSC-74A, SOT-753Series-Output ConfigurationPositiveDutput ConfigurationFixedNumber of Regulators1Voltage - Input (Max)16VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.28V @ 100mACurrent - Output100mACurrent - Output15µA ~ 4mAPSRR63dB (1kHz)Cortorl FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltagePortection Features0.Ver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating TemperatureSurface MountPackage / CaseSc-74A, SOT-753Supplier Device PackageSOT-23-5	Manufacturer Part Number	TPS76133DBVT	
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Series-Output ConfigurationPositiveDutput TypeFixedNumber of Regulators1Voltage - Input (Max)16VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage - Output (Max)0.28V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)115µA ~ 4mAPSRR63dB (1kHz)Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-5		PMIC - Voltage Regulators - Linear	
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Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.28V @ 100mA Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) 115µA ~ 4mA PSRR 63dB (1kHz) Control Features Dover Current, Over Temperature, Reverse Polarity, Transient Voltage 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) $3.3V$ Voltage - Output (Max)-Voltage Dropout (Max) $0.28V @ 100mA$ Current - Output $100mA$ Current - Quiescent (Iq)-Current - Supply (Max) $115\muA ~ 4mA$ PSRR $63dB (1kHz)$ Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature $-40^{\circ}C ~ 125^{\circ}C$ Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Number of Regulators	1	
Voltage - Output (Max)-Voltage Dropout (Max)0.28V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)115µA ~ 4mAPSRR63dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage - Input (Max)	16V	
Voltage Dropout (Max)0.28V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)115µA ~ 4mAPSRR63dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage - Output (Min/Fixed)	3.3V	
Current - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)115μA ~ 4mAPSRR63dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage - Output (Max)	-	
Current - Quiescent (Iq)-Current - Supply (Max)115μA ~ 4mAPSRR63dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage Dropout (Max)	0.28V @ 100mA	
Current - Supply (Max)115μA ~ 4mAPSRR63dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Current - Output	100mA	
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Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Current - Supply (Max)	115μA ~ 4mA	
Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	PSRR	63dB (1kHz)	
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Control Features	Enable	
Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Protection Features	Over Current, Over Temperature, Reverse Polarity, Transient Voltage	
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?

TPS76133DBVT 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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

TPS76133DBVT Payment Methods





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