



LP2981A-28DBVR Information



For Reference Only

Part Number LP2981A-28DBVR
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 2.8V 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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









LP2981A-28DBVR Specifications

Manufacturer Part Number LP2981A-28DBVR Manufacturer Texas Instruments Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package SC-74A, SOT-753 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.37V @ 100mA Current - Output 100mA Current - Supply (Max) 95µA ~ 1.7mA PSRR 63dB (1kHz) Control Features Over Current, Over Temperature, Short Circuit 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 Scries - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.37V @ 100mA Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) 95μA ~ 1.7mA PSRR 63dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature, Short Circuit 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	LP2981A-28DBVR
Package SC-74A, SOT-753 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.37V @ 100mA Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) 95μA ~ 1.7mA PSRR 63dB (1kHz) Control Features Over Current, Over Temperature, Short Circuit 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
Package SC-74A, SOT-753 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.37V @ 100mA Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) 95μA ~ 1.7mA PSRR 63dB (1kHz) Control Features Over Current, Over Temperature, Short Circuit 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)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.37V @ 100mA Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) 95μA ~ 1.7mA PSRR 63dB (1kHz) Control Features 63dB (1kHz) Control Features Over Current, Over Temperature, Short Circuit 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)16VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.37V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)95μA ~ 1.7mAPSRR63dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating 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)16VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.37V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)95μA ~ 1.7mAPSRR63dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Series	-
Number of Regulators1Voltage - Input (Max)16VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.37V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)95μA ~ 1.7mAPSRR63dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Output Configuration	Positive
Voltage - Input (Max)16VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.37V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)95μA ~ 1.7mAPSRR63dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Output Type	Fixed
Voltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.37V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)95μA ~ 1.7mAPSRR63dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating 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) 0.37V @ 100mA Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 63dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package	Voltage - Input (Max)	16V
Voltage Dropout (Max) Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 63dB (1kHz) Control Features Enable Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5	Voltage - Output (Min/Fixed)	2.8V
Current - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)95μA ~ 1.7mAPSRR63dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) PSRR 63dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package	Voltage Dropout (Max)	0.37V @ 100mA
Current - Supply (Max)95μA ~ 1.7mAPSRR63dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Current - Output	100mA
PSRR 63dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature, Short Circuit 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, Short Circuit -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Current - Supply (Max)	95μA ~ 1.7mA
Protection Features Over Current, Over Temperature, Short Circuit -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	PSRR	63dB (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, Short Circuit
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?

LP2981A-28DBVR 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.

LP2981A-28DBVR Payment Methods



















LP2981A-28DBVR Shipping Methods













If you have any question about LP2981A-28DBVR, please do not hesitate to contact us!

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