



#### LP2985AIBP-4.0 Information



For Reference Only

Part Number LP2985AIBP-4.0

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 4V 150MA 5USMD

Package 5-VFBGA

For the pricing/inventory/lead time, please contact

us

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



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## **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.









# LP2985AIBP-4.0 Specifications

Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         5-VFBGA           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         16V           Voltage - Output (Min/Fixed)         4V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.58V @ 150mA           Current - Output         150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         95μA ~ 2.5mA           PSRR         45dB (1kHz)           Control Features         Enable           Protection Features         Over Current, Over Temperature, Short Circuit           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         5-VFBGA           Supplier Device Package         5-uSMD	*	
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         5-VFBGA           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         16V           Voltage - Output (Min/Fixed)         4V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.58V @ 150mA           Current - Output         150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         95μA ~ 2.5mA           PSRR         45dB (1kHz)           Control Features         Enable           Protection Features         Over Current, Over Temperature, Short Circuit           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         5-VFBGA           Supplier Device Package         5-uSMD	Manufacturer Part Number	LP2985AIBP-4.0
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Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         16V           Voltage - Output (Min/Fixed)         4V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.58V @ 150mA           Current - Output         150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         95µA ~ 2.5mA           PSRR         45dB (1kHz)           Control Features         Enable           Protection Features         Over Current, Over Temperature, Short Circuit           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         5-VFBGA           Supplier Device Package         5-uSMD		PMIC - Voltage Regulators - Linear
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Voltage - Input (Max)  Voltage - Output (Min/Fixed)  4V  Voltage - Output (Max)  -  Voltage Dropout (Max)  0.58V @ 150mA  Current - Output  150mA  Current - Quiescent (Iq)  -  Current - Supply (Max)  95μA ~ 2.5mA  PSRR  45dB (1kHz)  Control Features  Enable  Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  5-uSMD	Output Type	Fixed
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  -  Voltage Dropout (Max)  0.58V @ 150mA  Current - Output  150mA  Current - Quiescent (Iq)  -  Current - Supply (Max)  95μA ~ 2.5mA  PSRR  45dB (1kHz)  Control Features  Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  5-VFBGA  Supplier Device Package	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  0.58V @ 150mA  Current - Output  150mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  45dB (1kHz)  Control Features  Enable  Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  5-uSMD	Voltage - Input (Max)	16V
Voltage Dropout (Max)0.58V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)95μA ~ 2.5mAPSRR45dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case5-VFBGASupplier Device Package5-uSMD	Voltage - Output (Min/Fixed)	4V
Current - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)95μA ~ 2.5mAPSRR45dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case5-VFBGASupplier Device Package5-uSMD	Voltage - Output (Max)	-
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PSRR 45dB (1kHz)  Control Features Enable  Protection Features Over Current, Over Temperature, Short Circuit  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 5-VFBGA  Supplier Device Package 5-uSMD	Current - Quiescent (Iq)	-
Control Features  Protection Features  Over Current, Over Temperature, Short Circuit  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  5-uSMD	Current - Supply (Max)	95μA ~ 2.5mA
Protection Features Over Current, Over Temperature, Short Circuit  -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 5-VFBGA  Supplier Device Package 5-uSMD	PSRR	45dB (1kHz)
Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 5-VFBGA  Supplier Device Package 5-uSMD	Control Features	Enable
Mounting Type Surface Mount Package / Case 5-VFBGA Supplier Device Package 5-uSMD	Protection Features	Over Current, Over Temperature, Short Circuit
Package / Case 5-VFBGA Supplier Device Package 5-uSMD	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 5-uSMD	Mounting Type	Surface Mount
	Package / Case	5-VFBGA
Report errors?	Supplier Device Package	5-uSMD
Report crisis:		Report errors?

#### LP2985AIBP-4.0 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.

## LP2985AIBP-4.0 Payment Methods



















## LP2985AIBP-4.0 Shipping Methods













If you have any question about LP2985AIBP-4.0, please do not hesitate to contact us!

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