



## **TLV70509YFPR Information**



For Reference Only

Part Number TLV70509YFPR
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 200MA 4DSBGA

Package 4-UFBGA, DSBGA

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.









## **TLV70509YFPR Specifications**

Manufacturer Part Number         TLV70509YFPR           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Package         4-UFBGA, DSBGA           Series         -           Output Configuration         -           Output Type         -           Number of Regulators         1           Voltage - Input (Max)         -           Voltage - Output (Min/Fixed)         -           Voltage - Output (Max)         -           Voltage - Output (Max)         -           Voltage Dropout (Max)         -           Current - Output         200mA           Current - Supply (Max)         -           Current - Supply (Max)         -           PSRR         -           Control Features         -           Protection Features         -           Operating Temperature         -40°C ~ 125°C (TJ)           Mounting Type         Surface Mount           Package / Case         4-UFBGA, DSBGA           Supplier Device Package         4-DSBGA	-	
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         4-UFBGA, DSBGA           Series         -           Output Configuration         -           Output Type         -           Number of Regulators         1           Voltage - Input (Max)         -           Voltage - Output (Min/Fixed)         -           Voltage - Output (Max)         -           Voltage Dropout (Max)         -           Current - Output         200mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         -           PSRR         -           Control Features         -           Protection Features         -           Operating Temperature         -40°C ~ 125°C (TJ)           Mounting Type         Surface Mount           Package / Case         4-UFBGA, DSBGA           Supplier Device Package         4-DSBGA	Manufacturer Part Number	TLV70509YFPR
Package         4-UFBGA, DSBGA           Series         -           Output Configuration         -           Output Type         -           Number of Regulators         1           Voltage - Input (Max)         -           Voltage - Output (Min/Fixed)         -           Voltage - Output (Max)         -           Voltage Dropout (Max)         -           Current - Output         200mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         -           PSRR         -           Control Features         -           Protection Features         -           Operating Temperature         -40°C ~ 125°C (TJ)           Mounting Type         Surface Mount           Package / Case         4-UFBGA, DSBGA           Supplier Device Package         4-DSBGA	Manufacturer	Texas Instruments
Package         4-UFBGA, DSBGA           Series         -           Output Configuration         -           Output Type         -           Number of Regulators         1           Voltage - Input (Max)         -           Voltage - Output (Min/Fixed)         -           Voltage - Output (Max)         -           Voltage Dropout (Max)         -           Current - Output         200mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         -           PSRR         -           Control Features         -           Protection Features         -           Operating Temperature         -40°C ~ 125°C (TJ)           Mounting Type         Surface Mount           Package / Case         4-UFBGA, DSBGA           Supplier Device Package         4-DSBGA	Category	Integrated Circuits (ICs)
Series         -           Output Configuration         -           Output Type         -           Number of Regulators         1           Voltage - Input (Max)         -           Voltage - Output (Min/Fixed)         -           Voltage - Output (Max)         -           Voltage Dropout (Max)         -           Current - Output         200mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         -           PSRR         -           Control Features         -           Protection Features         -           Operating Temperature         -40°C ~ 125°C (TJ)           Mounting Type         Surface Mount           Package / Case         4-UFBGA, DSBGA           Supplier Device Package         4-DSBGA		PMIC - Voltage Regulators - Linear
Output Configuration-Output Type-Number of Regulators1Voltage - Input (Max)-Voltage - Output (Min/Fixed)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR-Control Features-Protection Features-Operating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case4-UFBGA, DSBGASupplier Device Package4-DSBGA	Package	4-UFBGA, DSBGA
Output Type-Number of Regulators1Voltage - Input (Max)-Voltage - Output (Min/Fixed)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR-Control Features-Protection Features-Operating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case4-UFBGA, DSBGASupplier Device Package4-DSBGA	Series	-
Number of Regulators1Voltage - Input (Max)-Voltage - Output (Min/Fixed)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR-Control Features-Protection Features-Operating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case4-UFBGA, DSBGASupplier Device Package4-DSBGA	Output Configuration	-
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  - Voltage - Output (Max)  - Voltage Dropout (Max)  - Current - Output  200mA  Current - Quiescent (Iq)  - Current - Supply (Max)  - PSRR  - Control Features  - Protection Features  - Operating Temperature  Mounting Type  Surface Mount  Package / Case  4-UFBGA, DSBGA  -  Voltage Dropout (Max)	Output Type	-
Voltage - Output (Min/Fixed)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR-Control Features-Protection Features-Operating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case4-UFBGA, DSBGASupplier Device Package4-DSBGA	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  - Current - Output  200mA  Current - Quiescent (Iq)  - Current - Supply (Max)  - PSRR  - Control Features  - Protection Features  Operating Temperature  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  -  -  -  -  -  -  -  -  -  -  -  -  -	Voltage - Input (Max)	-
Voltage Dropout (Max)  Current - Output  200mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Protection Features  - Operating Temperature  Aove C ~ 125°C (TJ)  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  4-DSBGA	Voltage - Output (Min/Fixed)	-
Current - Output 200mA  Current - Quiescent (Iq) -  Current - Supply (Max) -  PSRR -  Control Features -  Protection Features -  Operating Temperature -40°C ~ 125°C (TJ)  Mounting Type Surface Mount  Package / Case 4-UFBGA, DSBGA  Supplier Device Package 4-DSBGA	Voltage - Output (Max)	-
Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  - Control Features  - Protection Features  Operating Temperature  -40°C ~ 125°C (TJ)  Mounting Type  Surface Mount  Package / Case  4-UFBGA, DSBGA  Supplier Device Package	Voltage Dropout (Max)	-
Current - Supply (Max)  PSRR  - Control Features  - Protection Features  - Operating Temperature  -40°C ~ 125°C (TJ)  Mounting Type  Surface Mount  Package / Case  4-UFBGA, DSBGA  Supplier Device Package  4-DSBGA	Current - Output	200mA
PSRR - Control Features - Control Features - Control Features - Control Features - Coperating Temperature -40°C ~ 125°C (TJ)  Mounting Type Surface Mount - Case -	Current - Quiescent (Iq)	-
Control Features - Protection Features - Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 4-UFBGA, DSBGA Supplier Device Package 4-DSBGA	Current - Supply (Max)	-
Protection Features - Operating Temperature -40°C ~ 125°C (TJ)  Mounting Type Surface Mount  Package / Case 4-UFBGA, DSBGA  Supplier Device Package 4-DSBGA	PSRR	-
Operating Temperature  -40°C ~ 125°C (TJ)  Mounting Type  Surface Mount  Package / Case  4-UFBGA, DSBGA  Supplier Device Package  4-DSBGA	Control Features	-
Mounting Type Surface Mount Package / Case 4-UFBGA, DSBGA Supplier Device Package 4-DSBGA	Protection Features	-
Package / Case 4-UFBGA, DSBGA Supplier Device Package 4-DSBGA	Operating Temperature	-40°C ~ 125°C (TJ)
Supplier Device Package 4-DSBGA	Mounting Type	Surface Mount
	Package / Case	4-UFBGA, DSBGA
Report errors?	Supplier Device Package	4-DSBGA
		Report errors?

#### **TLV70509YFPR 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.

## **TLV70509YFPR Payment Methods**



















## **TLV70509YFPR Shipping Methods**













If you have any question about TLV70509YFPR, please do not hesitate to contact us!

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