

# LP38690SD-5.0 Information



For Reference Only

Part Number LP38690SD-5.0

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 5V 1A 6WSON

Package 6-WDFN Exposed Pad

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.









## LP38690SD-5.0 Specifications

Manufacturer Part Number  Manufacturer  Texas Instruments  Category  Integrated Circuits (ICs)  PMIC - Voltage Regulators - Linear  Package  6-WDFN Exposed Pad  Series  - Output Configuration  Positive  Output Type  Fixed  Number of Regulators  1 Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  O 8V (Coltage)	•	
Category Integrated Circuits (ICs)  PMIC - Voltage Regulators - Linear  Package 6-WDFN Exposed Pad  Series - Output Configuration Positive Output Type Fixed  Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage - Output (Max)  -	Manufacturer Part Number	LP38690SD-5.0
Package 6-WDFN Exposed Pad  Series - Output Configuration Positive Output Type Fixed  Number of Regulators 1  Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  -	Manufacturer	Texas Instruments
Package 6-WDFN Exposed Pad  Series - Output Configuration Positive Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) 10V  Voltage - Output (Min/Fixed) 5V  Voltage - Output (Max) -	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) -		PMIC - Voltage Regulators - Linear
Output Configuration Positive Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) 10V  Voltage - Output (Min/Fixed) 5V  Voltage - Output (Max) -	Package	6-WDFN Exposed Pad
Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) 10V  Voltage - Output (Min/Fixed) 5V  Voltage - Output (Max) -	Series	-
Number of Regulators  1 Voltage - Input (Max)  10V  Voltage - Output (Min/Fixed)  5V  Voltage - Output (Max)  -	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  -	Output Type	Fixed
Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) -	Number of Regulators	1
Voltage - Output (Max)	Voltage - Input (Max)	10V
	Voltage - Output (Min/Fixed)	5V
V-1 Down out (Mar)	Voltage - Output (Max)	-
voltage Dropout (Max) 0.8 v @ 1A	Voltage Dropout (Max)	0.8V @ 1A
Current - Output 1A	Current - Output	1A
Current - Quiescent (Iq)	Current - Quiescent (Iq)	-
Current - Supply (Max) $55\mu A \sim 100\mu A$	Current - Supply (Max)	$55\mu A \sim 100\mu A$
PSRR 55dB (120Hz)	PSRR	55dB (120Hz)
Control Features -	Control Features	-
Protection Features Over Temperature	Protection Features	Over Temperature
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Operating Temperature	-40°C ~ 125°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 6-WDFN Exposed Pad	Package / Case	6-WDFN Exposed Pad
Supplier Device Package 6-WSON (3x3)	Supplier Device Package	6-WSON (3x3)
Report errors		Report errors?

#### LP38690SD-5.0 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.

### LP38690SD-5.0 Payment Methods





















### LP38690SD-5.0 Shipping Methods













If you have any question about LP38690SD-5.0, please do not hesitate to contact us!

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