

**LM2588SX-12 Information**


For Reference Only

**Part Number** [LM2588SX-12](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[PMIC - Voltage Regulators - DC DC Switching Regulators](#)  
**Description** IC REG MULTI CONFIG 12V 5A TO263  
**Package** TO-263-8, D2Pak (7 Leads + Tab), TO-263CA  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**LM2588SX-12 Specifications**

Manufacturer Part Number	<a href="#">LM2588SX-12</a>
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) <a href="#">PMIC - Voltage Regulators - DC DC Switching Regulators</a>
Package	TO-263-8, D2Pak (7 Leads + Tab), TO-263CA
Series	SIMPLE SWITCHER?
Function	Step-Up, Step-Up/Step-Down
Output Configuration	Positive
Topology	Boost, Flyback, Forward Converter
Output Type	Fixed
Number of Outputs	1
Voltage - Input (Min)	4V
Voltage - Input (Max)	40V
Voltage - Output (Min/Fixed)	12V
Voltage - Output (Max)	-
Current - Output	5A (Switch)
Frequency - Switching	100kHz ~ 200kHz
Synchronous Rectifier	No
Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-263-8, D2Pak (7 Leads + Tab), TO-263CA
Supplier Device Package	DDPAK/TO-263-7

[Report errors?](#)

## LM2588SX-12 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.

## LM2588SX-12 Payment Methods



## LM2588SX-12 Shipping Methods



If you have any question about LM2588SX-12, please do not hesitate to contact us!

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