

**CSD87588N Information**


For Reference Only

**Part Number** [CSD87588N](#)  
**Manufacturer** Texas Instruments  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET 2N-CH 30V 25A 5PTAB  
**Package** 5-XFLGA  
 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.


**CSD87588N Specifications**

Manufacturer Part Number	<a href="#">CSD87588N</a>
Manufacturer	Texas Instruments
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Arrays</a>
Package	5-XFLGA
Series	NexFET?
FET Type	2 N-Channel (Half Bridge)
FET Feature	Logic Level Gate
Drain to Source Voltage (V <sub>ds</sub> )	30V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	25A
R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>	9.6 mOhm @ 15A, 10V
V <sub>gs</sub> (th) (Max) @ I <sub>d</sub>	1.9V @ 250μA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	4.1nC @ 4.5V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	736pF @ 15V
Power - Max	6W
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	5-XFLGA
Supplier Device Package	5-PTAB (3x2.5)

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## CSD87588N 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.

## CSD87588N Payment Methods



## CSD87588N Shipping Methods



If you have any question about CSD87588N, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)