

**CSD16321Q5C Information**


For Reference Only

**Part Number** CSD16321Q5C  
**Manufacturer** Texas Instruments  
**Category** Discrete Semiconductor Products  
**Transistors - FETs, MOSFETs - Single**  
**Description** MOSFET N-CH 25V 100A 8SON  
**Package** 8-PowerTDFN  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**CSD16321Q5C Specifications**

Manufacturer Part Number	CSD16321Q5C
Manufacturer	Texas Instruments
Category	Discrete Semiconductor Products <b>Transistors - FETs, MOSFETs - Single</b>
Package	8-PowerTDFN
Series	NexFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	25V
Current - Continuous Drain (Id) @ 25°C	31A (Ta), 100A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	3V, 8V
Vgs(th) (Max) @ Id	1.4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	19nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	3100pF @ 12.5V
Vgs (Max)	+10V, -8V
FET Feature	-
Power Dissipation (Max)	3.1W (Ta)
Rds On (Max) @ Id, Vgs	2.4 mOhm @ 25A, 8V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-VSON-CLIP (5x6)
Package / Case	8-PowerTDFN

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## CSD16321Q5C 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.

## CSD16321Q5C Payment Methods



## CSD16321Q5C Shipping Methods



If you have any question about CSD16321Q5C, please do not hesitate to contact us!

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