

CSD16413Q5A Information


For Reference Only

Part Number [CSD16413Q5A](#)
Manufacturer Texas Instruments
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 25V 100A 8-SON
Package 8-PowerTDFN
 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.


CSD16413Q5A Specifications

Manufacturer Part Number	CSD16413Q5A
Manufacturer	Texas Instruments
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerTDFN
Series	NexFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	25V
Current - Continuous Drain (I _d) @ 25°C	24A (Ta), 100A (Tc)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	4.5V, 10V
V _{gs(th)} (Max) @ I _d	1.9V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	11.7nC @ 4.5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	1780pF @ 12.5V
V _{gs} (Max)	+16V, -12V
FET Feature	-
Power Dissipation (Max)	3.1W (Ta)
R _{ds} On (Max) @ I _d , V _{gs}	3.9 mOhm @ 24A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-VSON (5x6)
Package / Case	8-PowerTDFN

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CSD16413Q5A 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.

CSD16413Q5A Payment Methods



CSD16413Q5A Shipping Methods



If you have any question about CSD16413Q5A, please do not hesitate to contact us!

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