

CSD16401Q5 Information


For Reference Only

Part Number [CSD16401Q5](#)
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.


CSD16401Q5 Specifications

Manufacturer Part Number	CSD16401Q5
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 (Vdss)	25V
Current - Continuous Drain (Id) @ 25°C	38A (Ta), 100A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	1.9V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	29nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	4100pF @ 12.5V
Vgs (Max)	+16V, -12V
FET Feature	-
Power Dissipation (Max)	3.1W (Ta)
Rds On (Max) @ Id, Vgs	1.6 mOhm @ 40A, 10V
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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CSD16401Q5 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.

CSD16401Q5 Payment Methods



CSD16401Q5 Shipping Methods



If you have any question about CSD16401Q5, please do not hesitate to contact us!

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