

CSD85312Q3E Information


For Reference Only

Part Number [CSD85312Q3E](#)
Manufacturer Texas Instruments
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description MOSFET 2N-CH 20V 39A 8VSON
Package 8-PowerVDFN
 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.


CSD85312Q3E Specifications

Manufacturer Part Number	CSD85312Q3E
Manufacturer	Texas Instruments
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays
Package	8-PowerVDFN
Series	NexFET?
FET Type	2 N-Channel (Dual) Common Source
FET Feature	Logic Level Gate, 5V Drive
Drain to Source Voltage (V _{dss})	20V
Current - Continuous Drain (I _d) @ 25°C	39A
R _{ds} On (Max) @ I _d , V _{gs}	12.4 mOhm @ 10A, 8V
V _{gs(th)} (Max) @ I _d	1.4V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	15.2nC @ 4.5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	2390pF @ 10V
Power - Max	2.5W
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	8-PowerVDFN
Supplier Device Package	8-VSON (3.3x3.3)

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CSD85312Q3E 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.

CSD85312Q3E Payment Methods



CSD85312Q3E Shipping Methods



If you have any question about CSD85312Q3E, please do not hesitate to contact us!

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