

CSD19538Q2 Information


For Reference Only

Part Number [CSD19538Q2](#)
Manufacturer Texas Instruments
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET NCH 100V 14.4A SON
Package 6-WDFN Exposed Pad
 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.


CSD19538Q2 Specifications

Manufacturer Part Number	CSD19538Q2
Manufacturer	Texas Instruments
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	6-WDFN Exposed Pad
Series	NexFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	100V
Current - Continuous Drain (I _d) @ 25°C	14.4A (Ta)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	6V, 10V
V _{gs} (th) (Max) @ I _d	3.8V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	5.6nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	454pF @ 50V
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2.5W (Ta), 20.2W (Tc)
R _{ds} On (Max) @ I _d , V _{gs}	59 mOhm @ 5A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	6-WSO (2x2)
Package / Case	6-WDFN Exposed Pad

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CSD19538Q2 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.

CSD19538Q2 Payment Methods



CSD19538Q2 Shipping Methods



If you have any question about CSD19538Q2, please do not hesitate to contact us!

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