



CSD19531Q5AT Information



For Reference Only

Part Number CSD19531Q5AT
Manufacturer Texas Instruments

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 100V 100A 8SON

Package 8-PowerTDFN

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

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.









CSD19531Q5AT Specifications

Manufacturer Part Number	CSD19531Q5AT
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)	100V
Current - Continuous Drain (Id) @ 25°C	100A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	6V, 10V
Vgs(th) (Max) @ Id	3.3V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	48nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3870pF @ 50V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	3.3W (Ta), 125W (Tc)
Rds On (Max) @ Id, Vgs	6.4 mOhm @ 16A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-VSON (5x6)
Package / Case	8-PowerTDFN
	Report errors?

CSD19531Q5AT 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.

CSD19531Q5AT Payment Methods



















CSD19531Q5AT Shipping Methods













If you have any question about CSD19531Q5AT, please do not hesitate to contact us!

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