CSD18510KCS

CSD18510KCS Information

For Reference Only

Part Number CSD18510KCS
Manufacturer Texas Instruments
Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
Description MOSFET N-CH 40V 200A TO220-3
Package TO-220-3

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.

CSD18510KCS Specifications

Manufacturer Part Number	CSD18510KCS
Manufacturer	Texas Instruments
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	NexFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	200A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	75nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	11400pF @ 20V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	250W (Ta)
Rds On (Max) @ Id, Vgs	1.7 mOhm @ 100A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220-3
Package / Case	TO-220-3
	Report errors?

CSD18510KCS 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.

CSD18510KCS Payment Methods

CSD18510KCS Shipping Methods

If you have any question about CSD18510KCS, please do not hesitate to contact us!
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