

CSD18503KCS Information


For Reference Only

Part Number [CSD18503KCS](#)
Manufacturer Texas Instruments
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 40V 100A 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.


CSD18503KCS Specifications

Manufacturer Part Number	CSD18503KCS
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	100A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	36nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3150pF @ 20V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	188W (Tc)
Rds On (Max) @ Id, Vgs	4.5 mOhm @ 75A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220-3
Package / Case	TO-220-3

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CSD18503KCS 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.

CSD18503KCS Payment Methods



CSD18503KCS Shipping Methods



If you have any question about CSD18503KCS, please do not hesitate to contact us!

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