

2SK3309(Q) Information



For Reference Only

Part Number [2SK3309\(Q\)](#)
Manufacturer Toshiba Semiconductor and Storage
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 450V 10A TO220FL
Package TO-220-3, Short Tab
 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.



2SK3309(Q) Specifications

Manufacturer Part Number	2SK3309(Q)
Manufacturer	Toshiba Semiconductor and Storage
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-220-3, Short Tab
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	450V
Current - Continuous Drain (I _d) @ 25°C	10A (Ta)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	10V
V _{gs(th)} (Max) @ I _d	5V @ 1mA
Gate Charge (Q _g) (Max) @ V _{gs}	23nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	920pF @ 10V
V _{gs} (Max)	±30V
FET Feature	-
Power Dissipation (Max)	65W (Tc)
R _{ds} On (Max) @ I _d , V _{gs}	650 mOhm @ 5A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220FL
Package / Case	TO-220-3, Short Tab

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2SK3309(Q) 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.

2SK3309(Q) Payment Methods



2SK3309(Q) Shipping Methods



If you have any question about 2SK3309(Q), please do not hesitate to contact us!

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