

FKI10300 Information


For Reference Only

Part Number [FKI10300](#)
Manufacturer Sanken
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 100V 23A TO-220F
Package TO-220-3 Full Pack
 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.


FKI10300 Specifications

Manufacturer Part Number	FKI10300
Manufacturer	Sanken
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3 Full Pack
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	23A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.5V @ 650µA
Gate Charge (Qg) (Max) @ Vgs	35.8nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2540pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	38W (Tc)
Rds On (Max) @ Id, Vgs	27.9 mOhm @ 17.1A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220F
Package / Case	TO-220-3 Full Pack

[Report errors?](#)

FKI10300 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.

FKI10300 Payment Methods



FKI10300 Shipping Methods



If you have any question about FKI10300, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com