

BUK9K45-100E,115 Information


For Reference Only

Part Number [BUK9K45-100E,115](#)
Manufacturer Nexperia USA Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description MOSFET 2N-CH 100V 21A LFPAK56D
Package SOT-1205, 8-LFPAK56
 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.


BUK9K45-100E,115 Specifications

Manufacturer Part Number	BUK9K45-100E,115
Manufacturer	Nexperia USA Inc.
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays
Package	SOT-1205, 8-LFPAK56
Series	Automotive, AEC-Q101, TrenchMOS?
FET Type	2 N-Channel (Dual)
FET Feature	Logic Level Gate
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	21A
Rds On (Max) @ Id, Vgs	42 mOhm @ 5A, 10V
Vgs(th) (Max) @ Id	2.1V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	33.5nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2152pF @ 25V
Power - Max	53W
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Package / Case	SOT-1205, 8-LFPAK56
Supplier Device Package	LFPAK56D

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BUK9K45-100E,115 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.

BUK9K45-100E,115 Payment Methods



BUK9K45-100E,115 Shipping Methods



If you have any question about BUK9K45-100E,115, please do not hesitate to contact us!

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