

BUK7K45-100EX Information


For Reference Only

Part Number [BUK7K45-100EX](#)
Manufacturer Nexperia USA Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description MOSFET 2N-CH 100V 21.4A LFPAK56
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.


BUK7K45-100EX Specifications

Manufacturer Part Number	BUK7K45-100EX
Manufacturer	Nexperia USA Inc.
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays
Package	SOT-1205, 8-LFPAK56
Series	-
FET Type	2 N-Channel (Dual)
FET Feature	Standard
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	21.4A
Rds On (Max) @ Id, Vgs	37.6 mOhm @ 5A, 10V
Vgs(th) (Max) @ Id	4V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	25.9nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1533pF @ 25V
Power - Max	53W
Operating Temperature	-
Mounting Type	Surface Mount
Package / Case	SOT-1205, 8-LFPAK56
Supplier Device Package	LFPAK56D

[Report errors?](#)

BUK7K45-100EX 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.

BUK7K45-100EX Payment Methods



BUK7K45-100EX Shipping Methods



If you have any question about BUK7K45-100EX, please do not hesitate to contact us!

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