

BUK9M120-100EX Information


For Reference Only

Part Number [BUK9M120-100EX](#)
Manufacturer Nexperia USA Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 100V 11.5A LFPK
Package SOT-1210, 8-LFPK33 (5-Lead)
 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.


BUK9M120-100EX Specifications

Manufacturer Part Number	BUK9M120-100EX
Manufacturer	Nexperia USA Inc.
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	SOT-1210, 8-LFPK33 (5-Lead)
Series	Automotive, AEC-Q101, TrenchMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	11.5A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	5V
Vgs(th) (Max) @ Id	2.05V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	8.8nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	882pF @ 25V
Vgs (Max)	±10V
FET Feature	-
Power Dissipation (Max)	44W (Tc)
Rds On (Max) @ Id, Vgs	119 mOhm @ 5A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	LFPK33
Package / Case	SOT-1210, 8-LFPK33 (5-Lead)

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BUK9M120-100EX 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.

BUK9M120-100EX Payment Methods



BUK9M120-100EX Shipping Methods



If you have any question about BUK9M120-100EX, please do not hesitate to contact us!

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