

BUK9M7R2-40EX Information


For Reference Only

Part Number [BUK9M7R2-40EX](#)
Manufacturer Nexperia USA Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 40V 70A LFPAK
Package SOT-1210, 8-LFPAK33 (5-Lead)
 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.


BUK9M7R2-40EX Specifications

Manufacturer Part Number	BUK9M7R2-40EX
Manufacturer	Nexperia USA Inc.
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	SOT-1210, 8-LFPAK33 (5-Lead)
Series	Automotive, AEC-Q101, TrenchMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	70A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	5V
Vgs(th) (Max) @ Id	2.1V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	19.7nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	2567pF @ 25V
Vgs (Max)	±10V
FET Feature	-
Power Dissipation (Max)	79W (Tc)
Rds On (Max) @ Id, Vgs	5.8 mOhm @ 20A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	LFPAK33
Package / Case	SOT-1210, 8-LFPAK33 (5-Lead)

[Report errors?](#)

BUK9M7R2-40EX 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.

BUK9M7R2-40EX Payment Methods



BUK9M7R2-40EX Shipping Methods



If you have any question about BUK9M7R2-40EX, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com