BUK7Y6R0-60EX Information

For Reference Only

Part Number	BUK7Y6R0-60EX
Manufacturer	Nexperia USA Inc.
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 60V 100A LFPAK
Package	SC-100, SOT-669

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.

BUK7Y6R0-60EX Specifications

Manufacturer Part Number	BUK7Y6R0-60EX
Manufacturer	Nexperia USA Inc.
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	SC-100, SOT-669
Series	TrenchMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	100A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	45.4nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	4021pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	195W (Tc)
Rds On (Max) @ Id, Vgs	6 mOhm @ 25A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	LFPAK56, Power-SO8
Package / Case	SC-100, SOT-669
	Report errors?

BUK7Y6R0-60EX 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.

BUK7Y6R0-60EX Payment Methods

BUK7Y6R0-60EX Shipping Methods

If you have any question about BUK7Y6R0-60EX, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com