

PSMN018-100ESFQ Information


For Reference Only

Part Number [PSMN018-100ESFQ](#)
Manufacturer Nexperia USA Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 100V 53A I2PAK
Package TO-220-3, Short Tab
 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.


PSMN018-100ESFQ Specifications

Manufacturer Part Number	PSMN018-100ESFQ
Manufacturer	Nexperia USA Inc.
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3, Short Tab
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vds)	100V
Current - Continuous Drain (Id) @ 25°C	53A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	7V, 10V
Vgs(th) (Max) @ Id	4V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	21.4nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1482pF @ 50V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	111W (Ta)
Rds On (Max) @ Id, Vgs	18 mOhm @ 15A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	I2PAK
Package / Case	TO-220-3, Short Tab

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PSMN018-100ESFQ 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.

PSMN018-100ESFQ Payment Methods



PSMN018-100ESFQ Shipping Methods



If you have any question about PSMN018-100ESFQ, please do not hesitate to contact us!

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