



PHD38N02LT,118 Information



For Reference Only

Part Number PHD38N02LT,118 **Manufacturer** Nexperia USA Inc.

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 20V 44.7A DPAK

Package TO-252-3, DPak (2 Leads + Tab), SC-63

For the pricing/inventory/lead time, please contact

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.









PHD38N02LT,118 Specifications

Manufacturer Part Number	PHD38N02LT,118
Manufacturer	Nexperia USA Inc.
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	TrenchMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	20V
Current - Continuous Drain (Id) @ 25°C	44.7A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	5V
Vgs(th) (Max) @ Id	1.5V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	15.1nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	800pF @ 20V
Vgs (Max)	±12V
FET Feature	-
Power Dissipation (Max)	57.6W (Tc)
Rds On (Max) @ Id, Vgs	16 mOhm @ 25A, 5V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	DPAK
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
	Report errors?

PHD38N02LT,118 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.

PHD38N02LT,118 Payment Methods



















PHD38N02LT,118 Shipping Methods













If you have any question about PHD38N02LT,118, please do not hesitate to contact us!

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