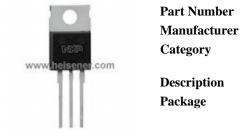


# PHP45NQ11T,127

# PHP45NQ11T,127 Information



Part NumberPHP45NQ11T,127ManufacturerNexperia USA Inc.CategoryDiscrete Semiconductor Products<br/>Transistors - FETs, MOSFETs - SingleDescriptionMOSFET N-CH 105V 47A TO220ABPackageTO-220-3<br/>For the pricing/inventory/lead time, please contact<br/>us<br/>Website: https://www.heisener.com<br/>E-mail: salesdept@heisener.com



Request a Quote

For Reference Only

# **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.



# PHP45NQ11T,127 Specifications

Manufacturer Part Number	PHP45NQ11T,127
Manufacturer	Nexperia USA Inc.
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	ТО-220-3
Series	TrenchMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	105V
Current - Continuous Drain (Id) @ 25°C	47A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	60nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2930pF @ 25V
Vgs (Max)	$\pm 20 V$
FET Feature	-
Power Dissipation (Max)	150W (Tc)
Rds On (Max) @ Id, Vgs	25 mOhm @ 25A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	ТО-220-3
	Report errors?

# PHP45NQ11T,127 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.

### PHP45NQ11T,127 Payment Methods





If you have any question about PHP45NQ11T,127, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com