

STP16NF06L Information


For Reference Only

Part Number [STP16NF06L](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 60V 16A TO-220
Package TO-220-3
 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.


STP16NF06L Specifications

Manufacturer Part Number	STP16NF06L
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	STripFET? II
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	60V
Current - Continuous Drain (I _d) @ 25°C	16A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	10V, 5V
V _{gs} (th) (Max) @ I _d	2.5V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	10nC @ 5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	345pF @ 25V
V _{gs} (Max)	±16V
FET Feature	-
Power Dissipation (Max)	45W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	90 mOhm @ 8A, 10V
Operating Temperature	-55°C ~ 175°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	TO-220-3

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STP16NF06L 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.

STP16NF06L Payment Methods



STP16NF06L Shipping Methods



If you have any question about STP16NF06L, please do not hesitate to contact us!

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