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YIC International Co., Limited.

Manufacturer Part Number: [STP90N6F6](#)

Manufacturer/Brand: [STMicroelectronics](#)

Part of Description: MOSFET N-CH 60V 84A TO-220AB

Datasheets:  [STP90N6F6.pdf](#)

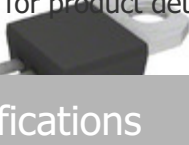
RoHs Status:  Lead free / RoHS

Stock Condition: Compliant
New original, 98403 pcs Stock Available.

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Image may be representation.
See specs for product details.



Specifications

Part Number	STP90N6F6
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 60V 84A TO-220AB
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	98403 pcs Stock
Vgs(th) (Max) @ Id	4V @ 250μA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-220
Series	DeepGATE™, STripFET™ VI
Rds On (Max) @ Id, Vgs	6.8 mOhm @ 38.5A, 10V
Power Dissipation (Max)	136W (Tc)
Packaging	Tube
Package / Case	TO-220-3
Operating Temperature	175°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	4295pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	74.9nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	84A (Tc)

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ST TO220



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STP90N55F4
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MOSFET N-CH 55V 90A TO220



STP90N4F3
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MOSFET N-CH 40V 80A TO-220



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MOSFET N-CH 30V 90A TO-220

STP90N6F6 Related keyword

More

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