

	STP16NF06L Manufacturer Part Number: STP16NF06L Manufacturer/Brand: N/A Part of Description: MOSFET N-CH 60V 16A TO-220 RoHs Status: Lead free / RoHS Stock Condition: Compliant New original, 2245 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	STP16NF06L
Manufacturer	N/A
Description	MOSFET N-CH 60V 16A TO-220
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	2245 pcs Stock
Vgs(th) (Max) @ Id	2.5V @ 250μA
Vgs (Max)	±16V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-220AB
Series	STripFET™ II
Rds On (Max) @ Id, Vgs	90 mOhm @ 8A, 10V
Power Dissipation (Max)	45W (Tc)
Packaging	Tube
Package / Case	TO-220-3
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	345pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	10nC @ 5V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V, 5V
Drain to Source Voltage (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	16A (Tc)

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