





STP270N4F3

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ufacturer Part Number:	STP270N4F3		
ufacturer / Brand	STMicroelectronics		
of Description:	MOSFET N-CH 40V 120A TO-220		
sheets:	STP270N4F3.pdf	GET A QUOTE	
l Free Status / RoHS Status:	🕲 🛫 Lead free / RoHS Compliant		
k Condition:	New original, 22500 pcs Stock Available.		
From:	Hong Kong		
ment Way:	DHL/Fedex/TNT/UPS		

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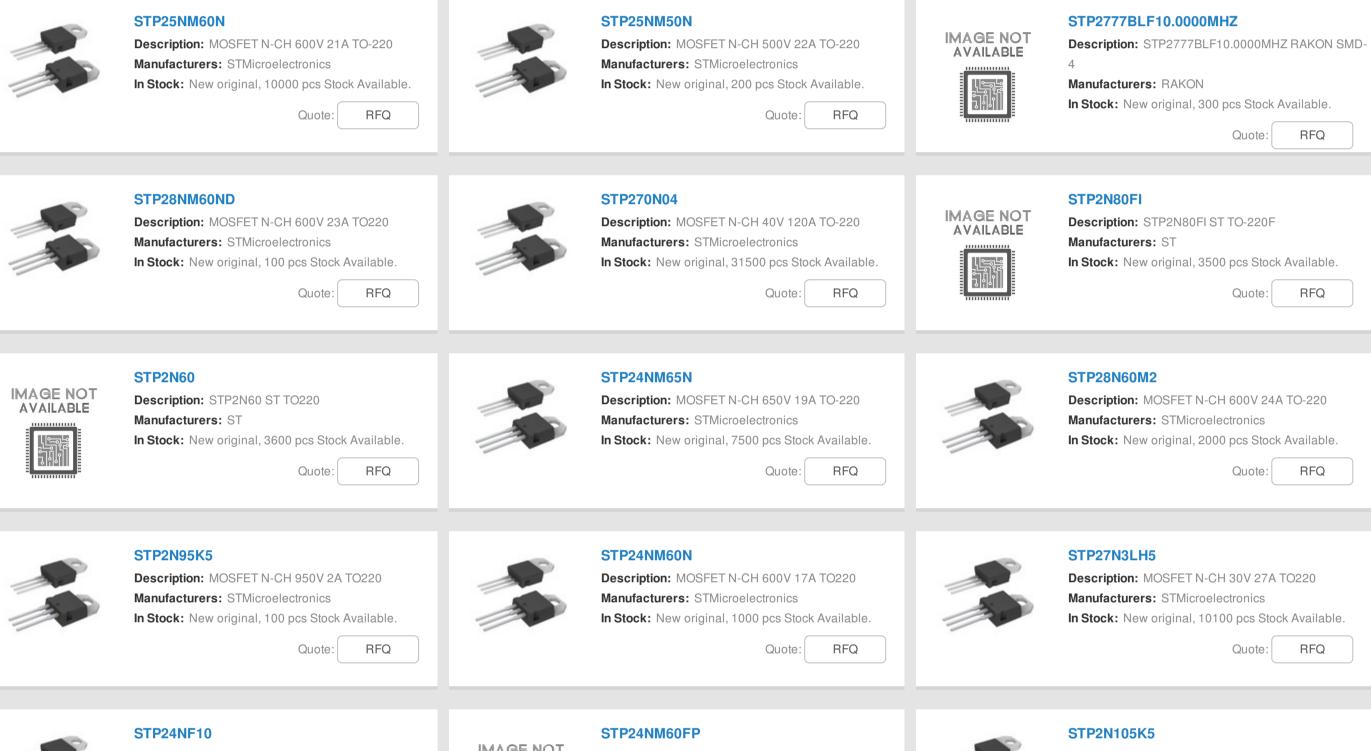
The specifications of STP270N4F3

Part Number	STP270N4F3	Manufacturer / Brand	STMicroelectronics
Series	STripFET™ III	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-220-3	Packaging	Tube
Mounting Type	Through Hole	Supplier Device Package	TO-220-3
Operating Temperature	-55°C ~ 175°C (TJ)	Detailed Description	N-Channel 40V 120A (Tc) 330W (Tc) Through Hole TO-220-3
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	330W (Tc)
FET Туре	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	40V	Current - Continuous Drain (Id) @ 25°C	120A (Tc)
Rds On (Max) @ ld, Vgs	2.9 mOhm @ 80A, 10V	Vgs(th) (Max) @ Id	4V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	150nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	7400pF@25V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±20V
Stock Quantity	22500 pcs Stock	Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 40V 120A TO-220	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

Keywords realted to STP270N4F3

STMicroelectronics STP270N4F3	STP270N4F3 part	STP270N4F3 Price	STP270N4F3 Distributor
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You May Be Also Be interested In:





Description: MOSFET N-CH 100V 26A TO-220

Manufacturers: STMicroelectronics In Stock: New original, 18500 pcs Stock Available.

> RFQ Quote:



Description: STP24NM60FP ST TO-220F Manufacturers: ST

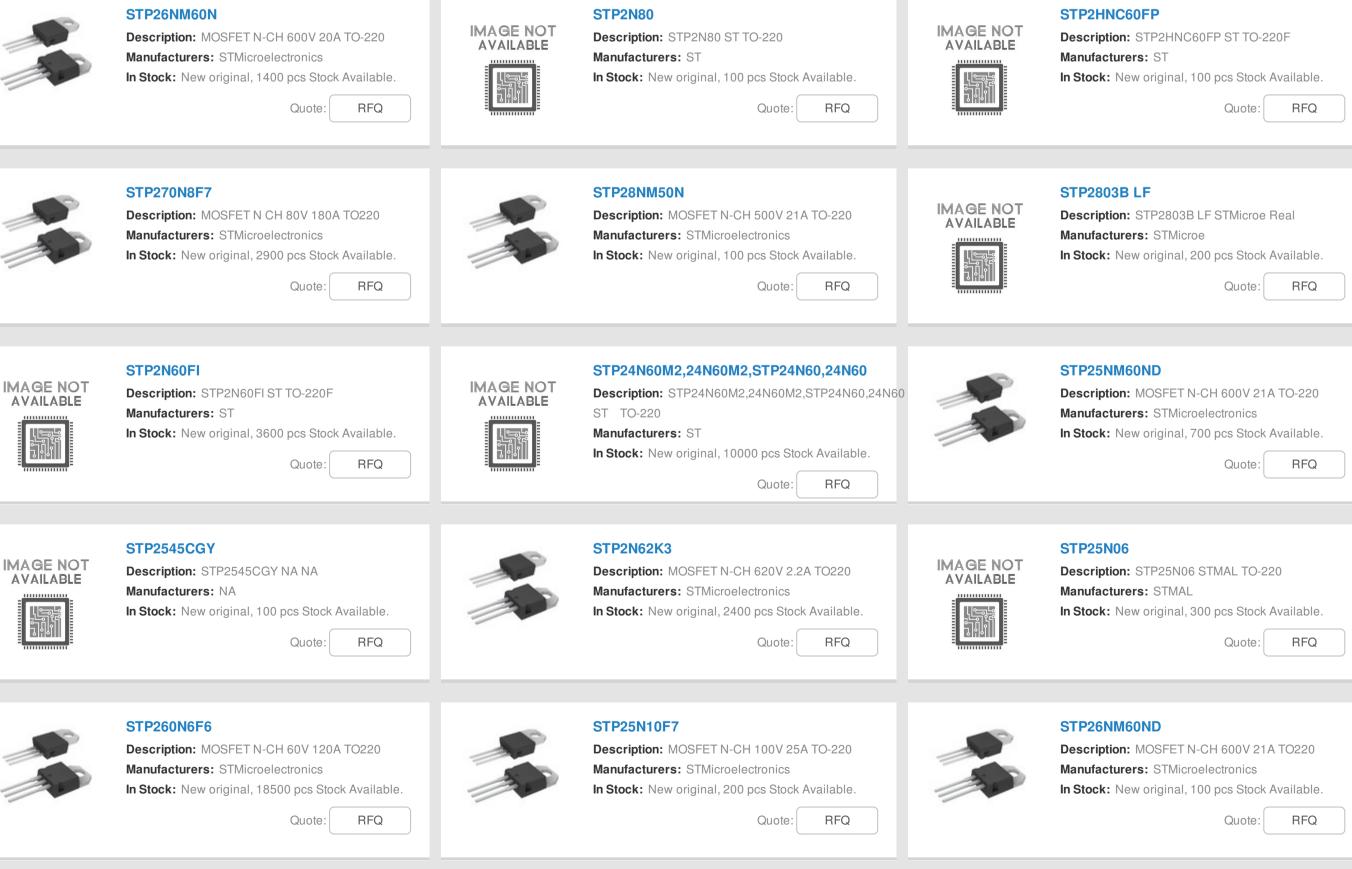
In Stock: New original, 100 pcs Stock Available.

RFQ Quote:



Description: MOSFET N-CH 1050V 1.5A TO-220AB Manufacturers: STMicroelectronics In Stock: New original, 1000 pcs Stock Available.

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