



STP270N4F3

Manufacturer Part Number:	STP270N4F3
Manufacturer / Brand:	STMicroelectronics
Part of Description:	MOSFET N-CH 40V 120A TO-220
Datasheets:	STP270N4F3.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 22500 pcs Stock Available.
Ship From:	Hong Kong
Shipment 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 Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	40V	Current - Continuous Drain (Id) @ 25°C	120A (Tc)
Rds On (Max) @ Id, 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 related to STP270N4F3

STMicroelectronics STP270N4F3	STP270N4F3 part	STP270N4F3 Price	STP270N4F3 Distributor
STP270N4F3 Technical	STP270N4F3 Stock	STP270N4F3 Inventory	STP270N4F3 Supplier
STP270N4F3 Online Order	STP270N4F3 Inquiry	STP270N4F3 Image	STP270N4F3 Picture
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 <p>STP28NM60ND Description: MOSFET N-CH 600V 23A TO220 Manufacturers: STMicroelectronics In Stock: New original, 100 pcs Stock Available. Quote: RFQ</p>	 <p>STP270N04 Description: MOSFET N-CH 40V 120A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 31500 pcs Stock Available. Quote: RFQ</p>	<p>IMAGE NOT AVAILABLE</p> <p>STP2N80FI Description: STP2N80FI ST TO-220F Manufacturers: ST In Stock: New original, 3500 pcs Stock Available. Quote: RFQ</p>
<p>IMAGE NOT AVAILABLE</p> <p>STP2N60 Description: STP2N60 ST TO220 Manufacturers: ST In Stock: New original, 3600 pcs Stock Available. Quote: RFQ</p>	 <p>STP24NM65N Description: MOSFET N-CH 650V 19A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 7500 pcs Stock Available. Quote: RFQ</p>	 <p>STP28N60M2 Description: MOSFET N-CH 600V 24A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 2000 pcs Stock Available. Quote: RFQ</p>
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<p>IMAGE NOT AVAILABLE</p> <p>STP2N60FI Description: STP2N60FI ST TO-220F Manufacturers: ST In Stock: New original, 3600 pcs Stock Available. Quote: RFQ</p>	<p>IMAGE NOT AVAILABLE</p> <p>STP24N60M2,24N60M2,STP24N60,24N60 Description: STP24N60M2,24N60M2,STP24N60,24N60 ST TO-220 Manufacturers: ST In Stock: New original, 10000 pcs Stock Available. Quote: RFQ</p>	 <p>STP25NM60ND Description: MOSFET N-CH 600V 21A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 700 pcs Stock Available. Quote: RFQ</p>
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