



STF7NM50N

Manufacturer Part Number:	STF7NM50N
Manufacturer / Brand:	STMicroelectronics
Part of Description:	MOSFET N-CH 500V 5A TO-220FP
Datasheets:	STF7NM50N.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 12900 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of STF7NM50N

Part Number	STF7NM50N	Manufacturer / Brand	STMicroelectronics
Series	MDmesh™ II	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-220-3 Full Pack	Packaging	Tube
Mounting Type	Through Hole	Supplier Device Package	TO-220FP
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	N-Channel 500V 5A (Tc) 20W (Tc) Through Hole TO-220FP
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	20W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	500V	Current - Continuous Drain (Id) @ 25°C	5A (Tc)
Rds On (Max) @ Id, Vgs	780 mOhm @ 2.5A, 10V	Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	12nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	400pF @ 50V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±25V
Other Names	497-7474-5 STF7NM50N-ND	Stock Quantity	12900 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single	Description	MOSFET N-CH 500V 5A TO-220FP
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords realted to STF7NM50N

STMicroelectronics STF7NM50N	STF7NM50N part	STF7NM50N Price	STF7NM50N Distributor
STF7NM50N Technical	STF7NM50N Stock	STF7NM50N Inventory	STF7NM50N Supplier
STF7NM50N Online Order	STF7NM50N Inquiry	STF7NM50N Image	STF7NM50N Picture
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 <p>STF7NM80 Description: MOSFET N-CH 800V 6.5A TO-220FP Manufacturers: STMicroelectronics In Stock: New original, 3100 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	 <p>STF7N52DK3 Description: MOSFET N-CH 525V 6A TO-220FP Manufacturers: STMicroelectronics In Stock: New original, 5100 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	 <p>STF7N80K5 Description: MOSFET N-CH 800V 6A TO220FP Manufacturers: STMicroelectronics In Stock: New original, 200 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>
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 <p>STF7N95K3 Description: MOSFET N-CH 950V 7.2A TO220FP Manufacturers: STMicroelectronics In Stock: New original, 1100 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p>STF7N105K5,7N105K5,7N105 Description: STF7N105K5,7N105K5,7N105 ST TO-220F Manufacturers: ST In Stock: New original, 10000 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	 <p>STF8N80K5 Description: MOSFET N-CH 800V 6A TO220FP Manufacturers: STMicroelectronics In Stock: New original, 32400 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>
<p>IMAGE NOT AVAILABLE</p> <p>STF8045DV Description: IGBT Modules Manufacturers: In Stock: New original, 2000 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p>STF8045AV Description: IGBT Modules Manufacturers: In Stock: New original, 2000 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p>STF817 Description: STF817 ST SOT-89 Manufacturers: ST In Stock: New original, 12300 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>
<p>IMAGE NOT AVAILABLE</p> <p>STF8233 Description: STF8233 SAMHOP TDFN-2x3 Manufacturers: SAMHOP In Stock: New original, 70900 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	 <p>STF701.TC Description: STF701.TC SEMTECH SC70-5 Manufacturers: Semtech In Stock: New original, 800 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	 <p>STF826 Description: TRANS PNP 30V 3A SOT-89 Manufacturers: STMicroelectronics In Stock: New original, 12300 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>
<p>IMAGE NOT AVAILABLE</p> <p>STF8204 Description: STF8204 SAMHOP DFN Manufacturers: SAMHOP In Stock: New original, 9000 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	 <p>STF701.TCT Description: IC TVS ARRAY 2-UNI 100mW SC70-5 Manufacturers: Semtech In Stock: New original, 10000 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	 <p>STF7N60M2 Description: MOSFET N-CH 600V TO-220FP Manufacturers: STMicroelectronics In Stock: New original, 5100 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>
 <p>STF80N10F7 Description: MOSFET N-CH 100V 40A TO-220FP Manufacturers: STMicroelectronics In Stock: New original, 100 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	 <p>STF8N80K5 2SK4013 Description: STF8N80K5 2SK4013 TOSHIBA TO-220F Manufacturers: Toshiba Semiconductor and Storage In Stock: New original, 32400 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>	 <p>STF8NK100Z Description: MOSFET N-CH 1000V 6.5A TO220FP Manufacturers: STMicroelectronics In Stock: New original, 32400 pcs Stock Available. Quote: <input type="text" value="RFQ"/></p>
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