



STF7N52K3

Manufacturer Part Number:	STF7N52K3
Manufacturer / Brand:	STMicroelectronics
Part of Description:	MOSFET N-CH 525V 6A TO-220FP
Datasheets:	STF7N52K3.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 900 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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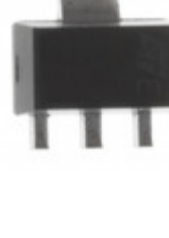




The specifications of STF7N52K3

Part Number	STF7N52K3	Manufacturer / Brand	STMicroelectronics
Series	SuperMESH3™	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	150°C (TJ)	Detailed Description	N-Channel 525V 6A (Tc) 25W (Tc) Through Hole TO-220FP
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	25W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	525V	Current - Continuous Drain (Id) @ 25°C	6A (Tc)
Rds On (Max) @ Id, Vgs	850 mOhm @ 3A, 10V	Vgs(th) (Max) @ Id	4.5V @ 50µA
Gate Charge (Qg) (Max) @ Vgs	33nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	870pF @ 100V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±30V
Other Names	497-12587-5 STF7N52K3-ND	Stock Quantity	900 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single	Description	MOSFET N-CH 525V 6A TO-220FP
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords related to STF7N52K3

STMicroelectronics STF7N52K3	STF7N52K3 part	STF7N52K3 Price	STF7N52K3 Distributor
STF7N52K3 Technical	STF7N52K3 Stock	STF7N52K3 Inventory	STF7N52K3 Supplier
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