



STF7N52DK3

Manufacturer Part Number:	STF7N52DK3
Manufacturer / Brand:	STMicroelectronics
Part of Description:	MOSFET N-CH 525V 6A TO-220FP
Datasheets:	STF7N52DK3.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 5100 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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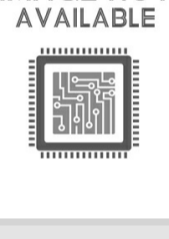
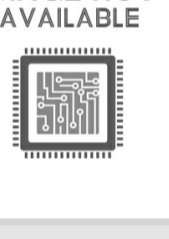

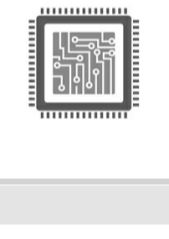








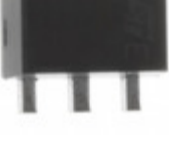
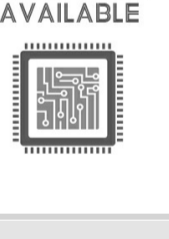




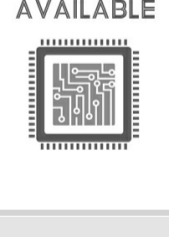








The specifications of STF7N52DK3

Part Number	STF7N52DK3	Manufacturer / Brand	STMicroelectronics
Series	SuperFREDmesh3™	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	1.15 Ohm @ 3A, 10V	Vgs(th) (Max) @ Id	4.5V @ 50µA
Gate Charge (Qg) (Max) @ Vgs	33nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	870pF @ 50V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±30V
Other Names	497-12586-5 STF7N52DK3-ND	Stock Quantity	5100 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 realted to STF7N52DK3

STMicroelectronics STF7N52DK3	STF7N52DK3 part	STF7N52DK3 Price	STF7N52DK3 Distributor
STF7N52DK3 Technical	STF7N52DK3 Stock	STF7N52DK3 Inventory	STF7N52DK3 Supplier
STF7N52DK3 Online Order	STF7N52DK3 Inquiry	STF7N52DK3 Image	STF7N52DK3 Picture
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