



STP70N10F4

Manufacturer Part Number:	STP70N10F4
Manufacturer / Brand:	STMicroelectronics
Part of Description:	MOSFET N-CH 100V 65A TO-220
Datasheets:	STP70N10F4.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 32400 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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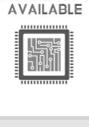
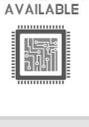
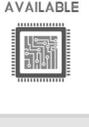
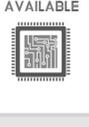
The specifications of STP70N10F4

Part Number	STP70N10F4	Manufacturer / Brand	STMicroelectronics
Series	DeepGATE™, STripFET™	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 100V 65A (Tc) 150W (Tc) Through Hole TO-220-3
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	150W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	100V	Current - Continuous Drain (Id) @ 25°C	65A (Tc)
Rds On (Max) @ Id, Vgs	19.5 mOhm @ 30A, 10V	Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	85nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	5800pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±20V
Other Names	497-8812-5 STP70N10F4-ND	Stock Quantity	32400 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single	Description	MOSFET N-CH 100V 65A TO-220
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords related to STP70N10F4

STMicroelectronics STP70N10F4	STP70N10F4 part	STP70N10F4 Price	STP70N10F4 Distributor
STP70N10F4 Technical	STP70N10F4 Stock	STP70N10F4 Inventory	STP70N10F4 Supplier
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