





STP45N10F7

Manufacturer Part Number:	STP45N10F7
Manufacturer / Brand	STMicroelectronics
Part of Description:	MOSFET N-CH 100V 45A TO-220
Datasheets:	STP45N10F7.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

GET A QUOTE

STP45N10F7 100% New Original 32400pcs in Stock, Find STP45N10F7 Price, Stock, datasheet at IC Components Ltd Online, buy STP45N10F7 STMicroelectronics with warrantied. 100% guarantee confidence. RFQ STP45N10F7: Info@IC-Components.com



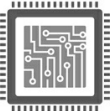


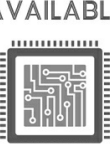
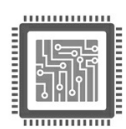
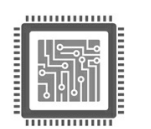
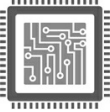

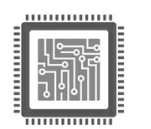
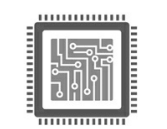
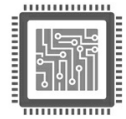



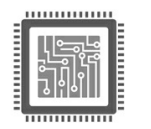






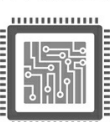



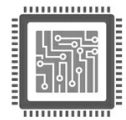
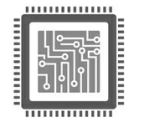
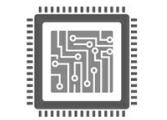
The specifications of STP45N10F7

Part Number	STP45N10F7	Manufacturer / Brand	STMicroelectronics
Series	DeepGATE™, STripFET™ VII	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-220-3	Packaging	Tube
Mounting Type	Through Hole	Supplier Device Package	TO-220
Operating Temperature	-55°C ~ 175°C (TJ)	Detailed Description	N-Channel 100V 45A (Tc) 60W (Tc) Through Hole TO-220
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	60W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	100V	Current - Continuous Drain (Id) @ 25°C	45A (Tc)
Rds On (Max) @ Id, Vgs	18 mOhm @ 22.5A, 10V	Vgs(th) (Max) @ Id	4.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	25nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	1640pF @ 50V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	20V
Other Names	497-14573-5 STP45N10F7-ND	Stock Quantity	32400 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single		Description
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		MOSFET N-CH 100V 45A TO-220

Keywords realted to STP45N10F7

STMicroelectronics STP45N10F7	STP45N10F7 part	STP45N10F7 Price	STP45N10F7 Distributor
STP45N10F7 Technical	STP45N10F7 Stock	STP45N10F7 Inventory	STP45N10F7 Supplier
STP45N10F7 Online Order	STP45N10F7 Inquiry	STP45N10F7 Image	STP45N10F7 Picture
STP45N10F7 pdf	STP45N10F7 datasheet	STP45N10F7 data sheet	STP45N10F7 pdf datasheet
Download STP45N10F7 datasheet	STMicroelectronics Manufacturer	STMicroelectronics STP45N10F7	

You May Be Also Be interested In:

 STP45N02LDG Description: STP45N02LDG FREESCALE TO-252 Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 32400 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 STP45NE06 Description: MOSFET N-CH 60V 45A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 32400 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 STP45NF06L Description: STP45NF06L ST TO-220 Manufacturers: ST In Stock: New original, 9000 pcs Stock Available. Quote: <input type="button" value="RFQ"/>
 STP45N10 Description: STP45N10 ST TO220 Manufacturers: ST In Stock: New original, 7900 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 STP40NF12 Description: MOSFET N-CH 120V 40A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 31500 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 STP45N10FI Description: STP45N10FI ST TO-220F Manufacturers: ST In Stock: New original, 8000 pcs Stock Available. Quote: <input type="button" value="RFQ"/>
 STP45NE06LFP Description: STP45NE06LFP ST TO-220F Manufacturers: ST In Stock: New original, 8000 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 STP454 Description: STP454 SAMHOP TO-220 Manufacturers: SAMHOP In Stock: New original, 50000 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 STP45NF03L Description: STP45NF03L ST TO-220 Manufacturers: ST In Stock: New original, 32400 pcs Stock Available. Quote: <input type="button" value="RFQ"/>
 STP42N65M5 Description: MOSFET N-CH 650V 33A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 18500 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 STP40NF03LT Description: STP40NF03LT ST TO-220 Manufacturers: ST In Stock: New original, 100 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 STP45N20 Description: STP45N20 ST TO-220 Manufacturers: ST In Stock: New original, 100 pcs Stock Available. Quote: <input type="button" value="RFQ"/>
 STP45NF3LLFP Description: STP45NF3LLFP S TO-220FP Manufacturers: S In Stock: New original, 32400 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 STP40NF20 Description: MOSFET N-CH 200V 40A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 22500 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 STP42N60M2-EP Description: MOSFET N-CH 600V 34A EP TO220AB Manufacturers: STMicroelectronics In Stock: New original, 32400 pcs Stock Available. Quote: <input type="button" value="RFQ"/>
 STP45N65M5 Description: MOSFET N-CH 650V 35A TO220 Manufacturers: STMicroelectronics In Stock: New original, 32400 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 STP45N03LTG Description: STP45N03LTG ST TO-220 Manufacturers: ST In Stock: New original, 32400 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 STP40NF10L Description: MOSFET N-CH 100V 40A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 22800 pcs Stock Available. Quote: <input type="button" value="RFQ"/>
 STP40NF10 Description: MOSFET N-CH 100V 50A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 32400 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 STP40NF03L Description: MOSFET N-CH 30V 40A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 22800 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 STP45NF3LL Description: MOSFET N-CH 30V 45A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 28800 pcs Stock Available. Quote: <input type="button" value="RFQ"/>
 STP45N02LD Description: STP45N02LD FREESCALE TO-252 Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 32400 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 STP45NF06 Description: MOSFET N-CH 60V 38A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 50000 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 STP45P03L Description: STP45P03L ST TO-220 Manufacturers: ST In Stock: New original, 32400 pcs Stock Available. Quote: <input type="button" value="RFQ"/>
 STP40NS15 Description: MOSFET N-CH 150V 40A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 22800 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 STP45NE06L Description: STP45NE06L ST TO-220 Manufacturers: ST In Stock: New original, 25000 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 STP46NF30 Description: MOSFET N CH 300V 42A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 200 pcs Stock Available. Quote: <input type="button" value="RFQ"/>
 STP413D Description: STP413D Stansonte TO-252 Manufacturers: Stansonte In Stock: New original, 50000 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 STP45NE06FP Description: STP45NE06FP ST TO-220F Manufacturers: ST In Stock: New original, 8000 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 STP4N100 Description: STP4N100 ST TO-220 Manufacturers: ST In Stock: New original, 800 pcs Stock Available. Quote: <input type="button" value="RFQ"/>



IC Components Limited
WWW.IC-COMPONENTS.COM

Email: Info@IC-Components.com
TEL: 00 852 - 30501935
FAX: 00 852 - 30501945

Address: 6H Block 1, Sherwood Court, Kingswood Villa, Tin Shui Wai, New Territories, Hong Kong