



### STP20NF06

Manufacturer Part Number:	STP20NF06
Manufacturer / Brand:	STMicroelectronics
Part of Description:	MOSFET N-CH 60V 20A TO-220
Datasheets:	STP20NF06.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 10100 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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### The specifications of STP20NF06

Part Number	STP20NF06	Manufacturer / Brand	STMicroelectronics
Series	STripFET™ II	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-220-3	Packaging	Tube
Mounting Type	Through Hole	Supplier Device Package	TO-220AB
Operating Temperature	-55°C ~ 175°C (TJ)	Detailed Description	N-Channel 60V 20A (Tc) 60W (Tc) Through Hole TO-220AB
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	60W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	60V	Current - Continuous Drain (Id) @ 25°C	20A (Tc)
Rds On (Max) @ Id, Vgs	70 mOhm @ 10A, 10V	Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	18nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	400pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±20V
Other Names	497-4374-5	Stock Quantity	10100 pcs Stock
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs, MOSFETs - Single</a>	Description	MOSFET N-CH 60V 20A TO-220
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

### Keywords realted to STP20NF06

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<p><b>STP20NM65N</b> Description: MOSFET N-CH 650V 15A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 200 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p><b>STP2003QFP</b> Description: STP2003QFP LSI QFP Manufacturers: LSI In Stock: New original, 600 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p><b>STP20N10L</b> Description: STP20N10L ST/ TO-220 Manufacturers: ST/ In Stock: New original, 8100 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
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<p><b>STP20NM60FP</b> Description: MOSFET N-CH 600V 20A TO220FP Manufacturers: STMicroelectronics In Stock: New original, 2900 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p><b>STP20NM60FD</b> Description: MOSFET N-CH 600V 20A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 31500 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p><b>STP20N60</b> Description: STP20N60 ST TO220 Manufacturers: ST In Stock: New original, 2700 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
<p><b>STP21N05L</b> Description: STP21N05L ST TO-220 Manufacturers: ST In Stock: New original, 38000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p><b>STP20NM50</b> Description: MOSFET N-CH 500V 20A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 5200 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p><b>STP20NE06LFP</b> Description: STP20NE06LFP ST/ TO-220F Manufacturers: ST/ In Stock: New original, 100 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
<p><b>STP21N05LFI</b> Description: STP21N05LFI ST TO-220F Manufacturers: ST In Stock: New original, 50000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p><b>STP20N20</b> Description: MOSFET N-CH 200V 18A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 21000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p><b>STP20NF20</b> Description: MOSFET N-CH 200V 18A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 23600 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
<p><b>STP200N6F3</b> Description: MOSFET N-CH 60V 120A TO220 Manufacturers: STMicroelectronics In Stock: New original, 100 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p><b>STP200N4F3</b> Description: MOSFET N-CH 40V 120A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 100 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p><b>STP20100CT</b> Description: STP20100CT ST TO-220 Manufacturers: ST In Stock: New original, 100 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
<p><b>STP20NK50Z</b> Description: MOSFET N-CH 500V 17A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 2900 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p><b>STP200NF03</b> Description: MOSFET N-CH 30V 120A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 50000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p><b>STP20NE06FP</b> Description: STP20NE06FP ST TO-220F Manufacturers: ST In Stock: New original, 400 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>



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