



**STP12PF06**

Manufacturer Part Number:	STP12PF06
Manufacturer / Brand:	STMicroelectronics
Part of Description:	MOSFET P-CH 60V 12A TO-220
Datasheets:	<a href="#">STP12PF06.pdf</a>
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 32000 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of STP12PF06

Part Number	STP12PF06	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	P-Channel 60V 12A (Tc) 60W (Tc) Through Hole TO-220AB
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	60W (Tc)
FET Type	P-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	60V	Current - Continuous Drain (Id) @ 25°C	12A (Tc)
Rds On (Max) @ Id, Vgs	200 mOhm @ 10A, 10V	Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	21nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	850pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±20V
Other Names	497-2721-5	Stock Quantity	32000 pcs Stock
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs, MOSFETs - Single</a>	Description	MOSFET P-CH 60V 12A TO-220
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords realted to STP12PF06

<a href="#">STMicroelectronics STP12PF06</a>	<a href="#">STP12PF06 part</a>	<a href="#">STP12PF06 Price</a>	<a href="#">STP12PF06 Distributor</a>
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 <p><b>STP13N95K3</b> Description: MOSFET N-CH 950V 10A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 22500 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p><b>STP12NK30</b> Description: STP12NK30 ST TO-220 Manufacturers: ST In Stock: New original, 200 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>STP130N6F7</b> Description: MOSFET N-CH 60V 80A F7 TO220AB Manufacturers: STMicroelectronics In Stock: New original, 200 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
<p>IMAGE NOT AVAILABLE</p> <p><b>STP13NK80ZFP</b> Description: STP13NK80ZFP ST TO-220F Manufacturers: ST In Stock: New original, 100 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p><b>STP1305</b> Description: STP1305 STANSON SOT-323 Manufacturers: STANSON In Stock: New original, 3100 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>STP12NM50N</b> Description: MOSFET N-CH 500V 11A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 100 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
<p>IMAGE NOT AVAILABLE</p> <p><b>STP12NK80ZFP</b> Description: STP12NK80ZFP ST TO-220 Manufacturers: ST In Stock: New original, 100 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p><b>STP13NK60Z,P13NK60Z,13NK60,13N60</b> Description: STP13NK60Z,P13NK60Z,13NK60,13N60 ST TO-220 Manufacturers: ST In Stock: New original, 10000 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p><b>STP130NS04ZB</b> Description: STP130NS04ZB ST/ TO-220 Manufacturers: ST/ In Stock: New original, 100 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
 <p><b>STP130NH02L</b> Description: MOSFET N-CH 24V 90A TO-220AB Manufacturers: STMicroelectronics In Stock: New original, 2000 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>STP13NK60ZFP</b> Description: MOSFET N-CH 600V 13A TO-220FP Manufacturers: STMicroelectronics In Stock: New original, 7100 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>STP12NM50FP</b> Description: MOSFET N-CH 500V 12A TO220FP Manufacturers: STMicroelectronics In Stock: New original, 18500 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
 <p><b>STP12NK80Z</b> Description: MOSFET N-CH 800V 10.5A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 200 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p><b>STP13N60N</b> Description: STP13N60N ST TO-220 Manufacturers: ST In Stock: New original, 200 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p><b>STP12NF06</b> Description: STP12NF06 ST TO220 Manufacturers: ST In Stock: New original, 2700 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
<p>IMAGE NOT AVAILABLE</p> <p><b>STP12NK65Z</b> Description: STP12NK65Z ST TO-220 Manufacturers: ST In Stock: New original, 200 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>STP12NM50</b> Description: MOSFET N-CH 500V 12A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 700 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p><b>STP12NM50FDFP</b> Description: STP12NM50FDFP ST TO-220 Manufacturers: ST In Stock: New original, 400 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
 <p><b>STP12NM60N</b> Description: MOSFET N-CH 600V 10A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 9500 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p><b>STP12NB30FP</b> Description: STP12NB30FP ST TO-220F Manufacturers: ST In Stock: New original, 500 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>STP130N10F3</b> Description: MOSFET N-CH 100V 120A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 1000 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
 <p><b>STP13NK60Z</b> Description: MOSFET N-CH 600V 13A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 7100 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>STP12NM50FD</b> Description: MOSFET N-CH 500V 12A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 3200 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>STP13NM50N</b> Description: MOSFET N-CH 500V 12A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 500 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
<p>IMAGE NOT AVAILABLE</p> <p><b>STP13DN10F3</b> Description: STP13DN10F3 ST TO-220 Manufacturers: ST In Stock: New original, 100 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>STP12NK60Z</b> Description: MOSFET N-CH 600V 10A TO220 Manufacturers: STMicroelectronics In Stock: New original, 400 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>STP13N80K5</b> Description: MOSFET N-CH 800V 12A TO220 Manufacturers: STMicroelectronics In Stock: New original, 300 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
<p>IMAGE NOT AVAILABLE</p> <p><b>STP12NB30</b> Description: STP12NB30 ST/ TO-220 Manufacturers: ST/ In Stock: New original, 10000 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>STP13NK50Z</b> Description: MOSFET N-CH 500V 11A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 100 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>STP12NK30Z</b> Description: MOSFET N-CH 300V 9A TO-220 Manufacturers: STMicroelectronics In Stock: New original, 22800 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>



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