



STD170N4F7AG

Manufacturer Part Number:	STD170N4F7AG
Manufacturer / Brand	STMicroelectronics
Part of Description:	MOSFET N-CHANNEL 40V 80A DPAK
Datasheets:	STD170N4F7AG.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 2500 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of STD170N4F7AG

Part Number	STD170N4F7AG	Manufacturer / Brand	STMicroelectronics
Series	STripFET™	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-252-3, DPAK (2 Leads + Tab), SC-63	Packaging	Original-Reel®
Mounting Type	Surface Mount	Supplier Device Package	DPAK
Operating Temperature	-55°C ~ 175°C (TJ)	Detailed Description	N-Channel 40V 80A (Tc) 172W (Tc) Surface Mount DPAK
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	172W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	40V	Current - Continuous Drain (Id) @ 25°C	80A (Tc)
Rds On (Max) @ Id, Vgs	2.8 mOhm @ 40A, 10V	Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	63nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	4350pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±20V
Other Names	497-17307-6	Stock Quantity	2500 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single Description		MOSFET N-CHANNEL 40V 80A DPAK
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords realted to STD170N4F7AG

STMicroelectronics STD170N4F7AG	STD170N4F7AG part	STD170N4F7AG Price	STD170N4F7AG Distributor
STD170N4F7AG Technical	STD170N4F7AG Stock	STD170N4F7AG Inventory	STD170N4F7AG Supplier
STD170N4F7AG Online Order	STD170N4F7AG Inquiry	STD170N4F7AG Image	STD170N4F7AG Picture
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<p>STD17NE03LT4 Description: STD17NE03LT4 ST TO-252 Manufacturers: ST In Stock: New original, 13700 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>STD17N06LT4 Description: STD17N06LT4 ST SOT252 Manufacturers: ST In Stock: New original, 5000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>STD16NE06T4 Description: STD16NE06T4 ST SOT252 Manufacturers: ST In Stock: New original, 1000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
<p>STD1766-Y Description: STD1766-Y AUK SOT89 Manufacturers: AUK In Stock: New original, 8000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>STD16NF06L-1 Description: STD16NF06L-1 ST TO-251 Manufacturers: ST In Stock: New original, 5100 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>STD16NE06LT4 Description: STD16NE06LT4 ST SOT252 Manufacturers: ST In Stock: New original, 17500 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
<p>STD16NE06L-1 Description: STD16NE06L-1 VB TO-252 Manufacturers: VB In Stock: New original, 10000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>STD17N03 Description: STD17N03 VB TO-252 Manufacturers: VB In Stock: New original, 10100 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>STD16NF06 Description: STD16NF06 ST TO-252 Manufacturers: ST In Stock: New original, 22800 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
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<p>STD17NE03L Description: STD17NE03L ST SOT-252 Manufacturers: ST In Stock: New original, 400 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>STD16NF06LT4 Description: MOSFET N-CH 60V 24A DPAK Manufacturers: STMicroelectronics In Stock: New original, 28600 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>STD17N05T4 Description: STD17N05T4 ST SOT252 Manufacturers: ST In Stock: New original, 5000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
<p>STD16NE10T4 Description: STD16NE10T4 ST SOT-252 Manufacturers: ST In Stock: New original, 12900 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>STD16NE06T4-TR Description: STD16NE06T4-TR ST SOT-252 Manufacturers: ST In Stock: New original, 12900 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>STD1766YS Description: STD1766YS AUK SOT89 Manufacturers: AUK In Stock: New original, 92200 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
<p>STD16NF06L Description: STD16NF06L ST TO-252 Manufacturers: ST In Stock: New original, 28600 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>STD1703LT4 Description: STD1703LT4 ST TO252 Manufacturers: ST In Stock: New original, 19000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>STD17N05L Description: STD17N05L ST TO-252 Manufacturers: ST In Stock: New original, 2500 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
<p>STD16NF25 Description: MOSFET N-CH 250V 13A DPAK Manufacturers: STMicroelectronics In Stock: New original, 28600 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>STD17NF03L Description: STD17NF03L ST TO-252 Manufacturers: ST In Stock: New original, 32500 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>STD17N05LT4 Description: STD17N05LT4 ST SOT252 Manufacturers: ST In Stock: New original, 5000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
<p>STD17NF03L--1 Description: STD17NF03L--1 ST TO-251 Manufacturers: ST In Stock: New original, 300 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>STD1703L Description: STD1703L ST TO-252 Manufacturers: ST In Stock: New original, 6400 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>STD1766 Y Description: STD1766 Y AUK SOT89 Manufacturers: AUK In Stock: New original, 6300 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
<p>STD16NF06T4 Description: MOSFET N-CH 60V 16A DPAK Manufacturers: STMicroelectronics In Stock: New original, 22800 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>STD17NF03L-1 Description: MOSFET N-CH 30V 17A IPA Manufacturers: Storm Interface In Stock: New original, 15200 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>STD16NE10L Description: STD16NE10L ST TO-252 Manufacturers: ST In Stock: New original, 100 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>



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