









	<b>Manufacturer Part Number:</b> <a href="#">STB270N4F3</a>
	<b>Manufacturer/Brand:</b> <a href="#">STMicroelectronics</a>
<b>Part of Description:</b> MOSFET N-CH 40V 160A D2PAK	<b>Datasheets:</b>  <a href="#">STB270N4F3.pdf</a>
<b>RoHs Status:</b>  Lead free / RoHS Compliant	<b>Stock Condition:</b> New original, 30395 pcs Stock Available.
<b>Ship From:</b> Hong Kong	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

### Specifications

Part Number	<a href="#">STB270N4F3</a>
Manufacturer	<a href="#">STMicroelectronics</a>
Description	MOSFET N-CH 40V 160A D2PAK
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a>
Part Status	30395 pcs Stock
Series	STripFET™ III
Technology	MOSFET (Metal Oxide)
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB
Supplier Device Package	D2PAK
Power Dissipation (Max)	330W (Tc)
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	160A (Tc)
Rds On (Max) @ Id, Vgs	2.5 mOhm @ 80A, 10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	150nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	7400pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs (Max)	±20V
Packaging	Tape & Reel (TR)

STB270N4F3 is New Original in Stock, Search STB270N4F3 Datasheets, PDF, Inventory at Y-IC.com Online, Order STB270N4F3 STMicroelectronics with warrantied and confidence.  
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### You May Be Also Be interested In:

 <b>STB28N65M2</b> STMicroelectronics MOSFET N-CH 650V 20A D2PAK	 <b>STB26N60M2</b> STMicroelectronics MOSFET N-CHANNEL 600V 20A D2PAK	 <b>STB28N60DM2</b> STMicroelectronics MOSFET N-CH 600V 21A	 <b>STB270N4F3-6</b> ST STB270N4F3-6 ST
 <b>STB26NM60N</b> STMicroelectronics MOSFET N-CH 600V 20A D2PAK	 <b>STB27NM60ND</b> STMicroelectronics MOSFET N-CH 600V 21A D2PAK	 <b>STB26NM60ND</b> STMicroelectronics MOSFET N-CH 600V 21A D2PAK	 <b>STB270N04</b> ST STB270N04 ST

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STB270N4F3-6	STB27NM60ND	STB3015L	STB30N10S	STB30N10T4
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STB35NF10T4	STB36NF02L	STB36NF02L-TR	STB36NF03L	STB36NF03L-TR
STB36NF03LT4	STB36NF06L-TR	STB36NF06LT4	STB3LC-M2FG05050	STB3NB60S

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