








	<p><b>Manufacturer Part Number:</b> <a href="#">STF15N80K5</a></p>
	<p><b>Manufacturer/Brand:</b> <a href="#">STMicroelectronics</a></p>
	<p><b>Part of Description:</b> MOSFET N-CH 800V 14A TO-220FP</p>
	<p><b>Datasheets:</b>  <a href="#">STF15N80K5.pdf</a></p>
	<p><b>RoHS Status:</b>  Lead free / RoHS</p>
	<p><b>Stock Condition:</b> Compliant New original, 271 pcs Stock Available.</p>
	<p><b>Ship From:</b> Hong Kong</p>
<p>Image may be representation. See specs for product details.</p>	<p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>

Specifications

Part Number	<a href="#">STF15N80K5</a>
Manufacturer	<a href="#">STMicroelectronics</a>
Description	MOSFET N-CH 800V 14A TO-220FP
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a>
Part Status	271 pcs Stock
Vgs(th) (Max) @ Id	5V @ 100µA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-220FP
Series	SuperMESH5™
Rds On (Max) @ Id, Vgs	375 mOhm @ 7A, 10V
Power Dissipation (Max)	35W (Tc)
Packaging	Tube
Package / Case	TO-220-3 Full Pack
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	1100pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	32nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	800V
Current - Continuous Drain (Id) @ 25°C	14A (Tc)

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