


	<p>STP8NK80Z</p>
	<p>Manufacturer Part Number: STP8NK80Z</p>
	<p>Manufacturer/Brand: STMicroelectronics</p>
	<p>Part of Description: MOSFET N-CH 800V 6.2A TO-220</p>
	<p>Datasheets:  STP8NK80Z.pdf</p>
	<p>RoHS Status:  Lead free / RoHS</p>
	<p>Stock Condition: Compliant New original, 18946 pcs Stock Available.</p>
	<p>Ship From: Hong Kong</p>
<p>Image may be representation. See specs for product details.</p>	<p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>









Specifications

Part Number	STP8NK80Z
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 800V 6.2A TO-220
Category	Discrete Semiconductor Products > Transistors - FETs ,
Part Status	18946 pcs Stock
Vgs(th) (Max) @ Id	4.5V @ 100µA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-220AB
Series	SuperMESH™
Rds On (Max) @ Id, Vgs	1.5 Ohm @ 3.1A, 10V
Power Dissipation (Max)	140W (Tc)
Packaging	Tube
Package / Case	TO-220-3
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	1320pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	46nC @ 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	6.2A (Tc)

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