

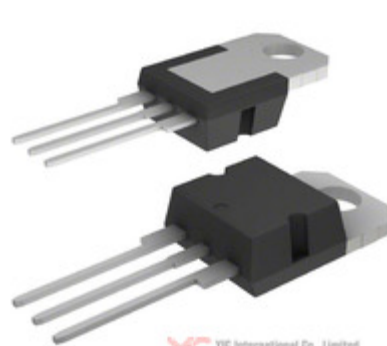








	<p><b>STP6NK90Z</b></p>
	<p><b>Manufacturer Part Number:</b> STP6NK90Z</p> <p><b>Manufacturer/Brand:</b> STMicroelectronics</p> <p><b>Part of Description:</b> MOSFET N-CH 900V 5.8A TO-220</p> <p><b>Datasheets:</b>  <a href="#">STP6NK90Z.pdf</a></p> <p><b>RoHS Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> Compliant New original, 695 pcs Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
	
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	STP6NK90Z
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 900V 5.8A TO-220
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs</a> ,
Part Status	695 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	2 Ohm @ 2.9A, 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	1350pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	60.5nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	900V
Current - Continuous Drain (Id) @ 25°C	5.8A (Tc)

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