



**STB9NK90Z**

Manufacturer Part Number:	STB9NK90Z
Manufacturer / Brand	STMicroelectronics
Part of Description:	MOSFET N-CH 900V 8A D2PAK
Datasheets:	STB9NK90Z.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 50000 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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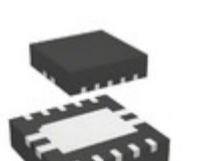



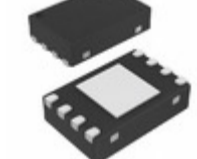



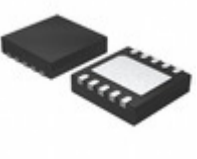
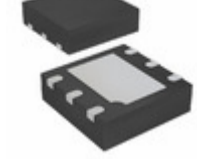
The specifications of STB9NK90Z

Part Number	STB9NK90Z	Manufacturer / Brand	STMicroelectronics
Series	SuperMESH™	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	Packaging	Tape & Reel (TR)
Mounting Type	Surface Mount	Supplier Device Package	D2PAK
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	N-Channel 900V 8A (Tc) 160W (Tc) Surface Mount D2PAK
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	160W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	900V	Current - Continuous Drain (Id) @ 25°C	8A (Tc)
Rds On (Max) @ Id, Vgs	1.3 Ohm @ 3.6A, 10V	Vgs(th) (Max) @ Id	4.5V @ 100µA
Gate Charge (Qg) (Max) @ Vgs	72nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	2115pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±30V
Other Names	497-7955-2 STB9NK90Z-ND	Stock Quantity	50000 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single	Description	MOSFET N-CH 900V 8A D2PAK
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords related to STB9NK90Z

STMicroelectronics STB9NK90Z	STB9NK90Z part	STB9NK90Z Price	STB9NK90Z Distributor
STB9NK90Z Technical	STB9NK90Z Stock	STB9NK90Z Inventory	STB9NK90Z Supplier
STB9NK90Z Online Order	STB9NK90Z Inquiry	STB9NK90Z Image	STB9NK90Z Picture
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<p>IMAGE NOT AVAILABLE</p> <p><b>STB9NC60-1</b> Description: STB9NC60-1 ST TO-263 Manufacturers: ST In Stock: New original, 50000 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p><b>STB9NK60ZT4</b> Description: MOSFET N-CH 600V 7A D2PAK Manufacturers: STMicroelectronics In Stock: New original, 50000 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	<p>IMAGE NOT AVAILABLE</p> <p><b>STB9NK60Z-1</b> Description: STB9NK60Z-1 ST TO-263 Manufacturers: ST In Stock: New original, 50000 pcs Stock Available. Quote: <input type="text"/> RFQ</p>
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<p>IMAGE NOT AVAILABLE</p> <p><b>STB9NB60</b> Description: STB9NB60 ST TO-263 Manufacturers: ST In Stock: New original, 50000 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p><b>STB9NK70ZT4</b> Description: MOSFET N-CH 700V 7.5A D2PAK Manufacturers: STMicroelectronics In Stock: New original, 20000 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	<p>IMAGE NOT AVAILABLE</p> <p><b>STBR606</b> Description: STBR606 ST DIP-4 Manufacturers: ST In Stock: New original, 100 pcs Stock Available. Quote: <input type="text"/> RFQ</p>
<p>IMAGE NOT AVAILABLE</p> <p><b>STB9NK50Z-1</b> Description: STB9NK50Z-1 ST TO-262 Manufacturers: ST In Stock: New original, 5600 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p><b>STBP120AVDK6F</b> Description: IC OVP W/THERMAL SHUTDOWN 10TDFN Manufacturers: STMicroelectronics In Stock: New original, 19400 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	<p>IMAGE NOT AVAILABLE</p> <p><b>STB9NK60ZD</b> Description: STB9NK60ZD ST TO-263 Manufacturers: ST In Stock: New original, 50000 pcs Stock Available. Quote: <input type="text"/> RFQ</p>
<p>IMAGE NOT AVAILABLE</p> <p><b>STB9NK60Z</b> Description: STB9NK60Z ST TO-263 Manufacturers: ST In Stock: New original, 20000 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p><b>STBP120CVDK6F</b> Description: IC OVP W/THERMAL SHUTDOWN 10TDFN Manufacturers: STMicroelectronics In Stock: New original, 4300 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p><b>STBC08PMR</b> Description: IC BATT CHRGR LI-ION 800MA DFN6 Manufacturers: STMicroelectronics In Stock: New original, 2700 pcs Stock Available. Quote: <input type="text"/> RFQ</p>



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