








	<b>Manufacturer Part Number:</b> <a href="#">STB6NK90ZT4</a>
	<b>Manufacturer/Brand:</b> <a href="#">STMicroelectronics</a>
<b>Part of Description:</b> MOSFET N-CH 900V 5.8A D2PAK	<b>Datasheets:</b> <a href="#">STB6NK90ZT4.pdf</a>
<b>RoHs Status:</b>  Lead free / RoHS Compliant	<b>Stock Condition:</b> New original, 28602 pcs Stock Available.
<b>Ship From:</b> Hong Kong	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	<a href="#">STB6NK90ZT4</a>
Manufacturer	<a href="#">STMicroelectronics</a>
Description	MOSFET N-CH 900V 5.8A D2PAK
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a>
Part Status	28602 pcs Stock
Series	SuperMESH™
Technology	MOSFET (Metal Oxide)
Operating Temperature	-55°C ~ 150°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)	140W (Tc)
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	900V
Current - Continuous Drain (Id) @ 25°C	5.8A (Tc)
Rds On (Max) @ Id, Vgs	2 Ohm @ 2.9A, 10V
Vgs(th) (Max) @ Id	4.5V @ 100µA
Gate Charge (Qg) (Max) @ Vgs	60.5nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1350pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs (Max)	±30V
Packaging	Tape & Reel (TR)

STB6NK90ZT4 is New Original in Stock, Search STB6NK90ZT4 Datasheets, PDF, Inventory at Y-IC.com Online, Order STB6NK90ZT4 STMicroelectronics with warrantied and confidence. RFQ STB6NK90ZT4 : [Info@Y-IC.com](mailto:Info@Y-IC.com)

### You May Be Also Be interested In:

 <b>STB6NK60Z</b> IR STB6NK60Z IR	 <b>STB6NK60Z-1</b> STMicroelectronics MOSFET N-CH 600V 6A I2PAK	 <b>STB6NK60ZT4</b> STMicroelectronics MOSFET N-CH 600V 6A D2PAK	 <b>STB7002</b> N/A STB7002 N/A
 <b>STB6NK90</b> ST ST TO-263	 <b>STB70NF02LLT4</b> ST ST TO-263	 <b>STB6NM60N</b> STMicroelectronics MOSFET N-CH 600V 4.6A D2PAK	 <b>STB70NF02L</b> ST STB70NF02L ST

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STB75NF75	STB75NF75L	STB75NF75L-1	STB75NF75LT4	STB75NF75T4
STB75NH02L	STB75NH02LT4	STB7NA40	STB7NA40T4	STB7NB40T4

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