









	Manufacturer Part Number: STB11NK50ZT4
	Manufacturer/Brand: STMicroelectronics
Part of Description: MOSFET N-CH 500V 10A D2PAK	Datasheets:  STB11NK50ZT4.pdf
RoHs Status:  Lead free / RoHS Compliant	Stock Condition: New original, 9660 pcs Stock Available.
Ship From: Hong Kong	Shipment Way: DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

Specifications

Part Number	STB11NK50ZT4
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 500V 10A D2PAK
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	9660 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 ² Pak (2 Leads + Tab), TO-263AB
Supplier Device Package	D2PAK
Power Dissipation (Max)	125W (Tc)
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	10A (Tc)
Rds On (Max) @ Id, Vgs	520 mOhm @ 4.5A, 10V
Vgs(th) (Max) @ Id	4.5V @ 100µA
Gate Charge (Qg) (Max) @ Vgs	68nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1390pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs (Max)	±30V
Packaging	Original-Reel®

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