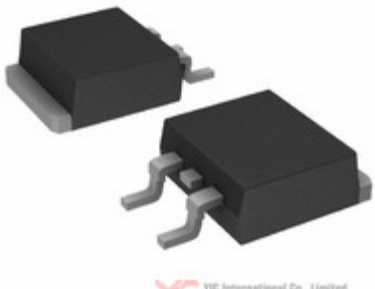


 life.augmented	Manufacturer Part Number: STB9NK80Z
	Manufacturer/Brand: STMicroelectronics
	Part of Description: MOSFET N-CH 800V D2PAK
	Datasheets:  STB9NK80Z.pdf
	RoHS Status:  Lead free / RoHS
	Stock Condition: Compliant New original, Stock Available.
	Ship From: Hong Kong
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Specifications

Part Number	STB9NK80Z
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 800V D2PAK
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	4.5V @ 100µA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	D2PAK
Series	SuperMESH™
Rds On (Max) @ Id, Vgs	1.8 Ohm @ 2.6A, 10V
Power Dissipation (Max)	125W (Tc)
Packaging	Original-Reel®
Package / Case	TO-263-3, D²Pak (2 Leads + Tab), TO-263AB
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	1138pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	40nC @ 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	5.2A (Tc)

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