

 life.augmented	Manufacturer Part Number: STB20N90K5
	Manufacturer/Brand: STMicroelectronics
	Part of Description: N-CHANNEL 900 V, 0.24 OHM TYP.,
	Datasheets:  STB20N90K5.pdf
RoHs Status:	
Stock Condition:	New original, 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	STB20N90K5
Manufacturer	STMicroelectronics
Description	N-CHANNEL 900 V, 0.24 OHM TYP.,
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	5V @ 100µA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	D ² PAK (TO-263)
Series	-
Rds On (Max) @ Id, Vgs	250 mOhm @ 10A, 10V
Power Dissipation (Max)	250W (Tc)
Packaging	Original-Reel®
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	1500pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	40nC @ 10V
FET Type	N-Channel
FET Feature	Current Sensing
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	900V
Current - Continuous Drain (Id) @ 25°C	20A

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