



 life.augmented	Manufacturer Part Number: STB10LN80K5
	Manufacturer/Brand: STMicroelectronics
	Part of Description: MOSFET N-CHANNEL 800V 8A D2PAK
	Datasheets:  1.STB10LN80K5.pdf  2.STB10LN80K5.pdf
	RoHS Status:  Lead free / RoHS
	Stock Condition: Compliant New original, Stock Available.
	Ship From: Hong Kong
Image may be representation. See specs for product details.	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	STB10LN80K5
Manufacturer	STMicroelectronics
Description	MOSFET N-CHANNEL 800V 8A D2PAK
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	D2PAK
Series	MDmesh™ K5
Rds On (Max) @ Id, Vgs	630 mOhm @ 4A, 10V
Power Dissipation (Max)	110W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	TO-263-3, D²Pak (2 Leads + Tab), TO-263AB
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	42 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	427pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	15nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	800V
Detailed Description	N-Channel 800V 8A (Tc) 110W (Tc) Surface Mount
Current - Continuous Drain (Id) @ 25°C	8A (Tc)

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