











 life.augmented	Manufacturer Part Number: STB23NM50N
	Manufacturer/Brand: STMicroelectronics
 	Part of Description: MOSFET N-CH 500V 17A D2PAK
	Datasheets:  STB23NM50N.pdf
RoHs Status:  Lead free / RoHS	Stock Condition: Compliant New original, 1300 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	STB23NM50N
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 500V 17A D2PAK
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	1300 pcs Stock
Vgs(th) (Max) @ Id	4V @ 250µA
Vgs (Max)	±25V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	D2PAK
Series	MDmesh™ II
Rds On (Max) @ Id, Vgs	190 mOhm @ 8.5A, 10V
Power Dissipation (Max)	125W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	1330pF @ 50V
Gate Charge (Qg) (Max) @ Vgs	45nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	17A (Tc)

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