










 life.augmented	STW25N60M2-EP
	Manufacturer Part Number: STW25N60M2-EP Manufacturer/Brand: STMicroelectronics Part of Description: MOSFET N-CHANNEL 600V 18A TO247 RoHS Status:  Lead free / RoHS 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	STW25N60M2-EP
Manufacturer	STMicroelectronics
Description	MOSFET N-CHANNEL 600V 18A TO247
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	4.75V @ 250µA
Vgs (Max)	±25V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-247
Series	MDmesh™ M2-EP
Rds On (Max) @ Id, Vgs	188 mOhm @ 9A, 10V
Power Dissipation (Max)	150W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
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	1090pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	29nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	600V
Detailed Description	N-Channel 600V 18A (Tc) 150W (Tc) Through Hole TO-
Current - Continuous Drain (Id) @ 25°C	18A (Tc)

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