










 life.augmented	STW30N80K5
	Manufacturer Part Number: STW30N80K5 Manufacturer/Brand: STMicroelectronics Part of Description: MOSFET N-CH 800V 24A TO247-3 Datasheets: 1.STW30N80K5.pdf 2.STW30N80K5.pdf RoHS Status:  Lead free / RoHS Stock Condition:  Compliant 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	STW30N80K5
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 800V 24A TO247-3
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	TO-247-3
Series	MDmesh™ K5
Rds On (Max) @ Id, Vgs	180 mOhm @ 12A, 10V
Power Dissipation (Max)	250W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Other Names	497-17900
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	1530pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	43nC @ 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 24A (Tc) 250W (Tc) Through Hole TO-
Current - Continuous Drain (Id) @ 25°C	24A (Tc)

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