










	<p>Manufacturer Part Number: STW30NM50N</p>
	<p>Manufacturer/Brand: STMicroelectronics</p>
	<p>Part of Description: MOSFET N-CH 500V 27A TO-247</p>
	<p>Datasheets:  STW30NM50N.pdf</p>
<p>RoHS Status:  Lead free / RoHS</p>	<p>Stock Condition: Compliant New original, 12930 pcs Stock Available.</p>
<p>Ship From: Hong Kong</p>	<p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

Specifications

Part Number	STW30NM50N
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 500V 27A TO-247
Category	Discrete Semiconductor Products > Transistors - FETs ,
Part Status	12930 pcs Stock
Vgs(th) (Max) @ Id	4V @ 250µA
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-247-3
Series	MDmesh™ II
Rds On (Max) @ Id, Vgs	115 mOhm @ 13.5A, 10V
Power Dissipation (Max)	190W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	150°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	2740pF @ 50V
Gate Charge (Qg) (Max) @ Vgs	94nC @ 10V
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	27A (Tc)

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