


	<p><b>STW43NM50N</b></p>
	<p><b>Manufacturer Part Number:</b> STW43NM50N</p> <p><b>Manufacturer/Brand:</b> STMicroelectronics</p> <p><b>Part of Description:</b> MOSFET N-CH 500V 37A TO-247</p> <p><b>Datasheets:</b>  <a href="#">STW43NM50N.pdf</a></p> <p><b>RoHS Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> Compliant New original, 4373 pcs Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
	
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	STW43NM50N
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 500V 37A TO-247
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs</a> ,
Part Status	4373 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	85 mOhm @ 18.5A, 10V
Power Dissipation (Max)	255W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	150°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	4200pF @ 50V
Gate Charge (Qg) (Max) @ Vgs	140nC @ 10V
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	37A (Tc)

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