


 life.augmented	<b>Manufacturer Part Number:</b> <a href="#">STW14NK50Z</a>
	<b>Manufacturer/Brand:</b> <a href="#">STMicroelectronics</a>
	<b>Part of Description:</b> MOSFET N-CH 500V 14A TO-247
	<b>Datasheets:</b>  <a href="#">STW14NK50Z.pdf</a>
<b>RoHS Status:</b>  Lead free / RoHS	<b>Stock Condition:</b> Compliant New original, 27434 pcs Stock Available.
<b>Ship From:</b> Hong Kong	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS
<p>Image may be representation. See specs for product details.</p>	



### Specifications

Part Number	<a href="#">STW14NK50Z</a>
Manufacturer	<a href="#">STMicroelectronics</a>
Description	MOSFET N-CH 500V 14A TO-247
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs</a> ,
Part Status	27434 pcs Stock
Vgs(th) (Max) @ Id	4.5V @ 100µA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-247-3
Series	SuperMESH™
Rds On (Max) @ Id, Vgs	380 mOhm @ 6A, 10V
Power Dissipation (Max)	150W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	2000pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	92nC @ 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	14A (Tc)

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 <b>STW14NM65N</b> STMicroelectronics MOSFET N-CH 650V 12A TO-247	 <b>STW14NC50</b> ST STW14NC50 ST	 <b>STW13NM60N</b> STMicroelectronics MOSFET N-CH 600V 11A TO-247	 <b>STW14NB50</b> ST STW14NB50 ST

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