










 life.augmented	<b>Manufacturer Part Number:</b> <a href="#">STW40N65M2</a>
	<b>Manufacturer/Brand:</b> <a href="#">STMicroelectronics</a>
	<b>Part of Description:</b> MOSFET N-CH 650V 32A TO247
	<b>Datasheets:</b>  <a href="#">STW40N65M2.pdf</a>
<b>RoHS Status:</b>  Lead free / RoHS	<b>Stock Condition:</b> Compliant New original, Stock Available.
<b>Ship From:</b> Hong Kong	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

### Specifications

Part Number	<a href="#">STW40N65M2</a>
Manufacturer	<a href="#">STMicroelectronics</a>
Description	MOSFET N-CH 650V 32A TO247
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Vgs(th) (Max) @ Id	4V @ 250µA
Vgs (Max)	±25V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-247
Series	MDmesh™ M2
Rds On (Max) @ Id, Vgs	99 mOhm @ 16A, 10V
Power Dissipation (Max)	250W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	150°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	2355pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	56.5nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	650V
Current - Continuous Drain (Id) @ 25°C	32A (Tc)

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 <b>STW40100C</b> SMC Diode Solutions DIODE ARRAY SCHOTTKY 100V TO247	 <b>STW40NS15</b> ST STW40NS15 ST	 <b>STW40N95DK5</b> STMicroelectronics N-CHANNEL 950 V 0.120 OHM TYP. 3	 <b>STW40N20</b> STMicroelectronics MOSFET N-CH 200V 40A TO-247

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