


 life.augmented	<b>STW12NK80Z</b>
	<b>Manufacturer Part Number:</b> <a href="#">STW12NK80Z</a>
	<b>Manufacturer/Brand:</b> <a href="#">STMicroelectronics</a>
	<b>Part of Description:</b> MOSFET N-CH 800V 10.5A TO-247
<b>Datasheets:</b>  <a href="#">STW12NK80Z.pdf</a>	<b>RoHS Status:</b>  Lead free / RoHS
<b>Stock Condition:</b> Compliant New original, 15161 pcs Stock Available.	<b>Ship From:</b> Hong Kong
<b>Image may be representation. See specs for product details.</b>	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS

### Specifications

Part Number	<a href="#">STW12NK80Z</a>
Manufacturer	<a href="#">STMicroelectronics</a>
Description	MOSFET N-CH 800V 10.5A TO-247
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs</a> ,
Part Status	15161 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	750 mOhm @ 5.25A, 10V
Power Dissipation (Max)	190W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	2620pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	87nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	800V
Current - Continuous Drain (Id) @ 25°C	10.5A (Tc)

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 <b>STW12NA50</b> ST STW12NA50 ST	 <b>STW12NB60</b> ST STW12NB60 ST	 <b>STW12NC60</b> ST STW12NC60 ST	 <b>STW12NK60Z</b> STMicroelectronics MOSFET N-CH 600V 10A TO-247

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