


 life.augmented	<b>Manufacturer Part Number:</b> <a href="#">STW12NK95Z</a>
	<b>Manufacturer/Brand:</b> <a href="#">STMicroelectronics</a>
	<b>Part of Description:</b> MOSFET N-CH 950V 10A TO-247
	<b>Datasheets:</b>  <a href="#">STW12NK95Z.pdf</a>
<b>RoHs Status:</b>  Lead free / RoHS	<b>Stock Condition:</b> Compliant New original, 8610 pcs 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="#">STW12NK95Z</a>
Manufacturer	<a href="#">STMicroelectronics</a>
Description	MOSFET N-CH 950V 10A TO-247
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a>
Part Status	8610 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	900 mOhm @ 5A, 10V
Power Dissipation (Max)	230W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	3500pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	113nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	950V
Current - Continuous Drain (Id) @ 25°C	10A (Tc)

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