


 life.augmented	Manufacturer Part Number: STW12NK90Z
	Manufacturer/Brand: STMicroelectronics
	Part of Description: MOSFET N-CH 900V 11A TO-247
	Datasheets:  STW12NK90Z.pdf
RoHs Status:  Lead free / RoHS	Stock Condition: Compliant New original, 2722 pcs Stock Available.
Ship From: Hong Kong	Shipment Way: DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	








Specifications

Part Number	STW12NK90Z
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 900V 11A TO-247
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	2722 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	880 mOhm @ 5.5A, 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	152nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	900V
Current - Continuous Drain (Id) @ 25°C	11A (Tc)

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