


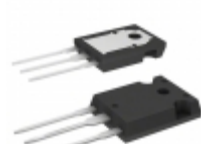






 life.augmented	STW40N90K5
	Manufacturer Part Number: STW40N90K5
	Manufacturer/Brand: STMicroelectronics
	Part of Description: N-CHANNEL 900 V, 0.110 OHM TYP.,
	Datasheets:  STW40N90K5.pdf
	RoHs Status:
	Stock Condition: New original, Stock Available.
	Ship From: Hong Kong
Image may be representation. See specs for product details.	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	STW40N90K5
Manufacturer	STMicroelectronics
Description	N-CHANNEL 900 V, 0.110 OHM TYP.,
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	5V @ 100µA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-247
Series	MDmesh™ K5
Rds On (Max) @ Id, Vgs	99 mOhm @ 20A, 10V
Power Dissipation (Max)	446W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	3260pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	89nC @ 10V
FET Type	N-Channel
FET Feature	Current Sensing
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	900V
Current - Continuous Drain (Id) @ 25°C	40A

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