
	<p><b>Manufacturer Part Number:</b> <a href="#">STW20N90K5</a></p>
	<p><b>Manufacturer/Brand:</b> <a href="#">STMicroelectronics</a></p>
	<p><b>Part of Description:</b> N-CHANNEL 900 V, 0.24 OHM TYP.,</p>
	<p><b>Datasheets:</b> <a href="#">STW20N90K5.pdf</a></p>
<p>Image may be representation. See specs for product details.</p>	<p><b>RoHs Status:</b></p>
	<p><b>Stock Condition:</b> New original, Stock Available.</p>
	<p><b>Ship From:</b> Hong Kong</p>
	<p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>



### Specifications

Part Number	<a href="#">STW20N90K5</a>
Manufacturer	<a href="#">STMicroelectronics</a>
Description	N-CHANNEL 900 V, 0.24 OHM TYP.,
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	5V @ 100µA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-247
Series	MDmesh™ K5
Rds On (Max) @ Id, Vgs	250 mOhm @ 10A, 10V
Power Dissipation (Max)	250W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	1500pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	40nC @ 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	20A

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