

	<b>Manufacturer Part Number:</b>	STU8N80K5
	<b>Manufacturer/Brand:</b>	STMicroelectronics
	<b>Part of Description:</b>	MOSFET N CH 800V 6A IPAK
	<b>Datasheets:</b>	 <a href="#">STU8N80K5.pdf</a>
	<b>RoHs Status:</b>	 Lead free / RoHS
	<b>Stock Condition:</b>	Compliant New original, 579 pcs Stock Available.
	<b>Ship From:</b>	Hong Kong
	<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS

**Specifications**

Part Number	STU8N80K5
Manufacturer	STMicroelectronics
Description	MOSFET N CH 800V 6A IPAK
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs</a> ,
Part Status	579 pcs Stock
Vgs(th) (Max) @ Id	5V @ 100µA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-251
Series	SuperMESH5™
Rds On (Max) @ Id, Vgs	950 mOhm @ 3A, 10V
Power Dissipation (Max)	110W (Tc)
Packaging	Tube
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	450pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	16.5nC @ 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	6A (Tc)

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In:

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 <p><b>STU8N65M5</b> STMicroelectronics MOSFET N-CH 650V 7A IPAK</p>	 <p><b>STU85N3LH5 MOS</b> ST ST TO-251</p>	 <p><b>STU8NM60ND</b> STMicroelectronics MOSFET N-CH 600V 7A IPAK</p>	 <p><b>STU8NM50N</b> STMicroelectronics MOSFET N-CH 500V 5A IPAK</p>

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