










 life.augmented	<b>Manufacturer Part Number:</b> STU3N80K5
	<b>Manufacturer/Brand:</b> STMicroelectronics
	<b>Part of Description:</b> MOSFET N-CH 800V 2.5A IPAK
	<b>Datasheets:</b>  STU3N80K5.pdf
	<b>RoHS Status:</b>  Lead free / RoHS
	<b>Stock Condition:</b> Compliant New original, 700 pcs Stock Available.
	<b>Ship From:</b> Hong Kong
Image may be representation. See specs for product details.	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS

### Specifications

Part Number	STU3N80K5
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 800V 2.5A IPAK
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	700 pcs Stock
Vgs(th) (Max) @ Id	5V @ 100µA
Vgs (Max)	30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	I-Pak
Series	SuperMESH5™
Rds On (Max) @ Id, Vgs	3.5 Ohm @ 1A, 10V
Power Dissipation (Max)	60W (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	130pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	9.5nC @ 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	2.5A (Tc)

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