












 life.augmented	STU3LN80K5
	Manufacturer Part Number: STU3LN80K5
	Manufacturer/Brand: STMicroelectronics
	Part of Description: MOSFET N-CHANNEL 800V 2A IPAK
	Datasheets: <ul style="list-style-type: none">  1.STU3LN80K5.pdf  2.STU3LN80K5.pdf  3.STU3LN80K5.pdf
RoHs Status:	 Lead free / RoHS
Stock Condition:	Compliant New original, 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	STU3LN80K5
Manufacturer	STMicroelectronics
Description	MOSFET N-CHANNEL 800V 2A IPAK
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	IPAK (TO-251)
Series	MDmesh™ K5
Rds On (Max) @ Id, Vgs	3.25 Ohm @ 1A, 10V
Power Dissipation (Max)	45W (Tc)
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
Other Names	497-17295
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	102pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	2.63nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	800V
Detailed Description	N-Channel 800V 2A (Tc) 45W (Tc) Through Hole IPAK
Current - Continuous Drain (Id) @ 25°C	2A (Tc)

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STU3LN80K5 Price	STU3LN80K5 Manufacturer	STU3LN80K5 Picture	STU3LN80K5 Stock	STU3LN80K5 Inventory
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