


 life.augmented	Manufacturer Part Number: STU7N80K5
	Manufacturer/Brand: STMicroelectronics
	Part of Description: MOSFET N CH 800V 6A IPAK
	Datasheets:  STU7N80K5.pdf
	RoHS Status:  Lead free / RoHS
	Stock Condition: Compliant New original, 126 pcs 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	STU7N80K5
Manufacturer	STMicroelectronics
Description	MOSFET N CH 800V 6A IPAK
Category	Discrete Semiconductor Products > Transistors - FETs ,
Part Status	126 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	1.2 Ohm @ 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	360pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	13.4nC @ 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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