

 Not Actual Photo YIC International Co., Limited. Image may be representation. See specs for product details.	STL5N80K5
	Manufacturer Part Number: STL5N80K5
	Manufacturer/Brand: N/A
	Part of Description: MOSFET N-CH 800V 3A POWERFLAT
	RoHs Status:  Lead free / RoHS
	Stock Condition: Compliant New original, 2619 pcs Stock Available.
	Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS	

Specifications

Part Number	STL5N80K5
Manufacturer	N/A
Description	MOSFET N-CH 800V 3A POWERFLAT
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	2619 pcs Stock
Vgs(th) (Max) @ Id	5V @ 100μA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	PowerFlat™ (5x6) VHV
Series	MDmesh™ K5
Rds On (Max) @ Id, Vgs	1.75 Ohm @ 2A, 10V
Power Dissipation (Max)	38W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	8-PowerVDFN
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	42 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	177pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	5nC @ 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 3A (Tc) 38W (Tc) Surface Mount
Current - Continuous Drain (Id) @ 25°C	3A (Tc)

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