


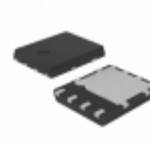
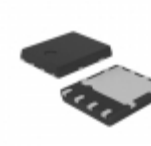
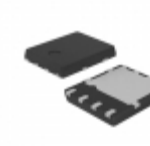
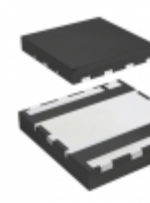
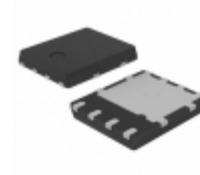
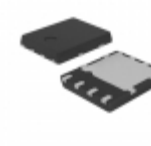

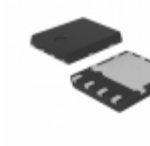
 life.augmented	Manufacturer Part Number: STL8N6LF3
	Manufacturer/Brand: STMicroelectronics
	Part of Description: MOSFET N-CH 60V 20A POWERFLAT
	Datasheets:  STL8N6LF3.pdf
RoHS Status:  Lead free / RoHS	Stock Condition: Compliant New original, Stock Available.
Ship From: Hong Kong	Shipment Way: DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

Specifications

Part Number	STL8N6LF3
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 60V 20A POWERFLAT
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	2.5V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	PowerFlat™ (5x6)
Series	Automotive, AEC-Q101, STripFET™ F3
Rds On (Max) @ Id, Vgs	30 mOhm @ 4A, 10V
Power Dissipation (Max)	65W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	8-PowerVDFN
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	668pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	13nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	5V, 10V
Drain to Source Voltage (Vdss)	60V
Detailed Description	N-Channel 60V 20A (Tc) 65W (Tc) Surface Mount
Current - Continuous Drain (Id) @ 25°C	20A (Tc)

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