

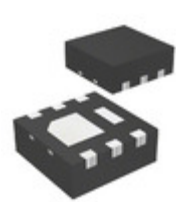
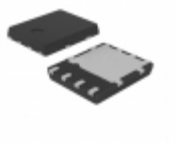
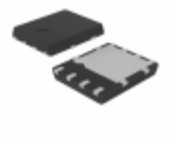

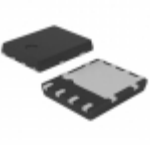
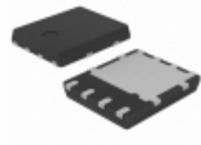

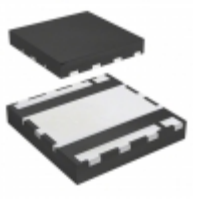
 life.augmented	STL8N6LF6AG
	Manufacturer Part Number: STL8N6LF6AG Manufacturer/Brand: STMicroelectronics Part of Description: MOSFET N-CH 60V 32A POWERFLAT Datasheets: 1.STL8N6LF6AG.pdf 2.STL8N6LF6AG.pdf RoHs Status:  Lead free / RoHS Stock Condition:  Compliant New original, Stock Available. Ship From: Hong Kong Shipment Way: DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

Specifications

Part Number	STL8N6LF6AG
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 60V 32A 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™ F6
Rds On (Max) @ Id, Vgs	27 mOhm @ 9.6A, 10V
Power Dissipation (Max)	4.8W (Ta), 55W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	8-PowerVDFN
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	1340pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	27nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Drain to Source Voltage (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	32A (Tc)

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