

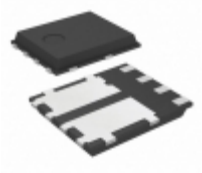
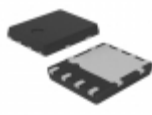
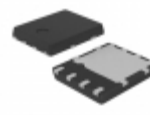

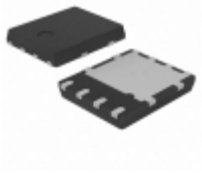
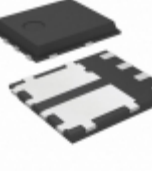
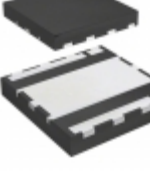

 life.augmented	<b>STL8DN6LF6AG</b>
	<b>Manufacturer Part Number:</b> STL8DN6LF6AG <b>Manufacturer/Brand:</b> STMicroelectronics <b>Part of Description:</b> MOSFET N-CH 60V 32A POWERFLAT <b>Datasheets:</b> <a href="#">1.STL8DN6LF6AG.pdf</a> <a href="#">2.STL8DN6LF6AG.pdf</a> <b>RoHs Status:</b>  Lead free / RoHS <b>Stock Condition:</b>  Compliant New original, Stock Available. <b>Ship From:</b> Hong Kong <b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS
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### Specifications

Part Number	STL8DN6LF6AG
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	STripFET™
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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