

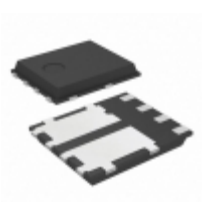
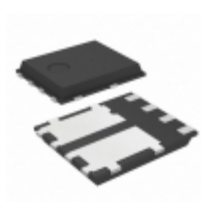

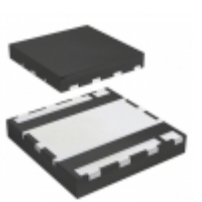

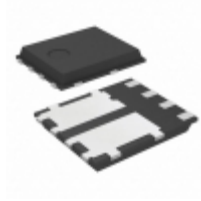
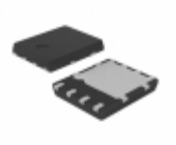
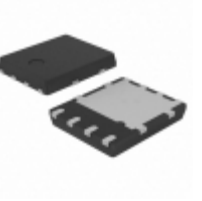
 life.augmented	<b>STL8N10F7</b>
	<b>Manufacturer Part Number:</b> STL8N10F7
	<b>Manufacturer/Brand:</b> STMicroelectronics
	<b>Part of Description:</b> MOSFET N-CH 100V 8A 8POWERFLAT
	<b>Datasheets:</b>  <a href="#">STL8N10F7.pdf</a>
	<b>RoHS Status:</b>  Lead free / RoHS
<b>Stock Condition:</b> Compliant New original, Stock Available.	<b>Ship From:</b> Hong Kong
<b>Image may be representation. See specs for product details.</b>	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS

### Specifications

Part Number	STL8N10F7
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 100V 8A 8POWERFLAT
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	4.5V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	PowerFlat™ (3.3x3.3)
Series	DeepGATE™, STripFET™ VII
Rds On (Max) @ Id, Vgs	20 mOhm @ 4A, 10V
Power Dissipation (Max)	3.5W (Ta), 50W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	8-PowerVDFN
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	2000pF @ 50V
Gate Charge (Qg) (Max) @ Vgs	22nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	-

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