

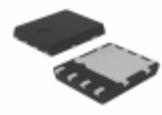
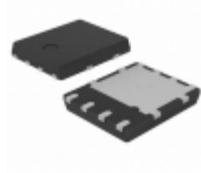


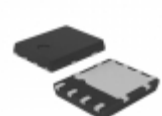
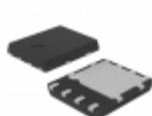

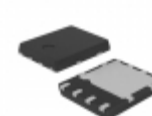
 life.augmented	STL90N10F7
	Manufacturer Part Number: STL90N10F7
 	Manufacturer/Brand: STMicroelectronics
	Part of Description: MOSFET N-CH 100V POWERFLAT5X6
	Datasheets:  STL90N10F7.pdf
	RoHs Status:  Lead free / RoHS
	Stock Condition: Compliant New original, 700 pcs Stock Available.
	Ship From: Hong Kong
Image may be representation. See specs for product details.	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	STL90N10F7
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 100V POWERFLAT5X6
Category	Discrete Semiconductor Products > Transistors - FETs ,
Part Status	700 pcs Stock
Vgs(th) (Max) @ Id	4V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	PowerFlat™ (5x6)
Series	DeepGATE™, STripFET™ VII
Rds On (Max) @ Id, Vgs	10.5 mOhm @ 8A, 10V
Power Dissipation (Max)	5W (Ta), 100W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	8-PowerVDFN
Operating Temperature	175°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	3550pF @ 50V
Gate Charge (Qg) (Max) @ Vgs	39nC @ 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	70A (Tc)

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