





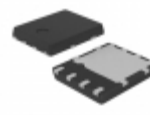

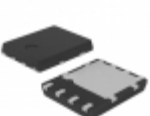
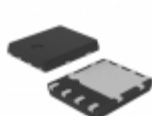


	<p>STL90N6F7</p>
	<p>Manufacturer Part Number: STL90N6F7</p>
	<p>Manufacturer/Brand: STMicroelectronics</p>
	<p>Part of Description: MOSFET N-CH 60V 90A F7 8PWRFLAT</p>
	<p>Datasheets:  STL90N6F7.pdf</p>
	<p>RoHS Status:  Lead free / RoHS</p>
	<p>Stock Condition: Compliant New original, 18085 pcs Stock Available.</p>
	<p>Ship From: Hong Kong</p>
<p>Image may be representation. See specs for product details.</p>	<p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>

Specifications

Part Number	STL90N6F7
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 60V 90A F7 8PWRFLAT
Category	Discrete Semiconductor Products > Transistors - FETs ,
Part Status	18085 pcs Stock
Vgs(th) (Max) @ Id	4V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	PowerFlat™ (5x6)
Series	STripFET™ F7
Rds On (Max) @ Id, Vgs	5.4 mOhm @ 10.5A, 10V
Power Dissipation (Max)	4.8W (Ta), 94W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	8-PowerSMD, Flat Leads
Operating Temperature	175°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	1600pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	25nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	90A (Tc)

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