






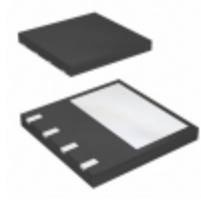


 life.augmented	<b>STL20N6F7</b>
	<b>Manufacturer Part Number:</b> STL20N6F7 <b>Manufacturer/Brand:</b> STMicroelectronics <b>Part of Description:</b> MOSFET N-CH 60V 100A <b>Datasheets:</b>  <a href="#">STL20N6F7.pdf</a> <b>RoHs Status:</b> Contains lead / RoHS non-compliant <b>Stock Condition:</b> New original, Stock Available. <b>Ship From:</b> Hong Kong <b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS
 	
Image may be representation. See specs for product details.	

### Specifications

Part Number	STL20N6F7
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 60V 100A
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	4V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	PowerFlat™ (3.3x3.3)
Series	STripFET™ F7
Rds On (Max) @ Id, Vgs	5.4 mOhm @ 10A, 10V
Power Dissipation (Max)	3W (Ta), 78W (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	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	100A (Tc)

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 <b>STL200N45LF7</b> STMicroelectronics MOSFET N-CH 45V 120A POWERFLAT	 <b>STL21N65M5</b> STMicroelectronics MOSFET N-CH 650V 17A POWERFLAT88	 <b>STL20NM20N</b> STMicroelectronics MOSFET N-CH 200V 20A PWRFLAT6X5	 <b>STL20DNF06LAG</b> STMicroelectronics MOSFET 2NCH 60V 20A POWERFLAT

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