


 life.augmented	<b>Manufacturer Part Number:</b> <a href="#">STL86N3LLH6AG</a>
	<b>Manufacturer/Brand:</b> <a href="#">STMicroelectronics</a>
 	<b>Part of Description:</b> MOSFET N-CH 30V 80A PWRFLAT56
	<b>Datasheets:</b>  <a href="#">STL86N3LLH6AG.pdf</a>
<b>RoHs Status:</b>  Lead free / RoHS	<b>Stock Condition:</b> Compliant New original, 15045 pcs Stock Available.
<b>Ship From:</b> Hong Kong	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS


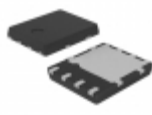
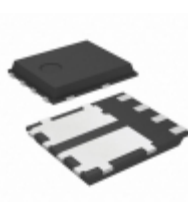



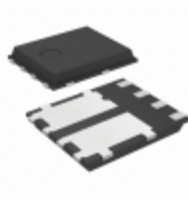
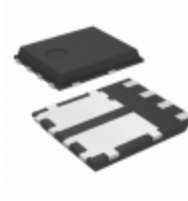
### Specifications

Part Number	<a href="#">STL86N3LLH6AG</a>
Manufacturer	<a href="#">STMicroelectronics</a>
Description	MOSFET N-CH 30V 80A PWRFLAT56
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs</a> ,
Part Status	15045 pcs Stock
Vgs(th) (Max) @ Id	2.5V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	PowerFlat™ (5x6)
Series	Automotive, AEC-Q101, STripFET™ H6
Rds On (Max) @ Id, Vgs	5.2 mOhm @ 10.5A, 10V
Power Dissipation (Max)	4W (Ta), 60W (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	2030pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	17nC @ 4.5V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	80A (Tc)

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