











 life.augmented	<b>Manufacturer Part Number:</b> <a href="#">STH180N10F3-6</a>
	<b>Manufacturer/Brand:</b> <a href="#">STMicroelectronics</a>
	<b>Part of Description:</b> MOSFET N-CH 100V 180A H2PAK
	<b>Datasheets:</b>  <a href="#">STH180N10F3-6.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>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

### Specifications

Part Number	<a href="#">STH180N10F3-6</a>
Manufacturer	<a href="#">STMicroelectronics</a>
Description	MOSFET N-CH 100V 180A H2PAK
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Vgs(th) (Max) @ Id	4V @ 250µA
Technology	MOSFET (Metal Oxide)
Supplier Device Package	H <sup>2</sup> PAK
Series	STripFET™ III
Rds On (Max) @ Id, Vgs	4.5 mOhm @ 60A, 10V
Power Dissipation (Max)	315W (Tc)
Packaging	Original-Reel®
Package / Case	TO-263-7, D <sup>2</sup> Pak (6 Leads + Tab)
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	6665pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	114.6nC @ 10V
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	180A (Tc)

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