











 life.augmented	Manufacturer Part Number: STH185N10F3-2
	Manufacturer/Brand: STMicroelectronics
	Part of Description: MOSFET N-CH 100V 180A H2PAK-2
	Datasheets:  STH185N10F3-2.pdf
RoHs Status:  Lead free / RoHS	Stock Condition: Compliant New original, Stock Available.
Ship From: Hong Kong	Shipment Way: DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

Specifications

Part Number	STH185N10F3-2
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 100V 180A H2PAK-2
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	H ² PAK
Series	STripFET™ F3
Rds On (Max) @ Id, Vgs	4.5 mOhm @ 60A, 10V
Power Dissipation (Max)	315W (Tc)
Packaging	Original-Reel®
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab) Variant
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	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	180A (Tc)

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