

	STH310N10F7-6	
	Manufacturer Part Number:	STH310N10F7-6
	Manufacturer/Brand:	STMicroelectronics
	Part of Description:	MOSFET N-CH 100V 180A H2PAK-2
	Datasheets:	 STH310N10F7-6.pdf
	RoHs Status:	 Lead free / RoHS
	Stock Condition:	Compliant New original, 1369 pcs 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	STH310N10F7-6
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 100V 180A H2PAK-2
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	1369 pcs Stock
Vgs(th) (Max) @ Id	3.8V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Series	DeepGATE™, STripFET™ VII
Rds On (Max) @ Id, Vgs	2.5 mOhm @ 60A, 10V
Power Dissipation (Max)	315W (Tc)
Packaging	Original-Reel®
Package / Case	TO-263-7, D²Pak (6 Leads + Tab) Variant
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	12800pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	180nC @ 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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In:

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 <p>STH290N4F6-6 STMicroelectronics MOSFET N-CH 60V H2PAK-6</p>	 <p>STH2APUR ST ST</p>	 <p>STH320N4F6 ST ST TO-263-6</p>	 <p>STH290N4F6-6AG STMicroelectronics MOSFET N-CH 40V 180A H2PAK-6</p>

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