










 life.augmented	STH180N4F6-2
	Manufacturer Part Number: STH180N4F6-2 Manufacturer/Brand: STMicroelectronics Part of Description: MOSFET N-CH 40V 120A H2PAK-2 RoHS Status:  Lead free / RoHS Stock Condition:  New original, Stock Available. Ship From: Hong Kong Shipment Way: DHL/Fedex/TNT/UPS/EMS
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Specifications

Part Number	STH180N4F6-2
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 40V 120A H2PAK-2
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	4.5V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	H2Pak-2
Series	STripFET™ F6
Rds On (Max) @ Id, Vgs	2.4 mOhm @ 60A, 10V
Power Dissipation (Max)	190W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	TO-263-3, D²Pak (2 Leads + Tab), TO-263AB
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	38 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	7735pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	130nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	40V
Detailed Description	N-Channel 40V 120A (Tc) 190W (Tc) Surface Mount
Current - Continuous Drain (Id) @ 25°C	120A (Tc)

STH180N4F6-2 Electronic Components is 100% New Original from YIC Distributor, Search STH180N4F6-2 Datasheets, PDF, Inventory at Y-IC.com Online, Order STH180N4F6-2 STMicroelectronics with Warrantied and Confidence. Ship by DHL/FedEx/TNT/UPS Express. Support Payment with Telegraphic Transfer(T/T) or PayPal.
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