










 life.augmented	Manufacturer Part Number: STH180N10F3-2
	Manufacturer/Brand: STMicroelectronics
 Image may be representation. See specs for product details.	Part of Description: MOSFET N-CH 100V 120A H2PAK
	Datasheets:  STH180N10F3-2.pdf
	RoHs Status:  Lead free / RoHS Compliant
	Stock Condition: New original, 1398 pcs Stock Available.
	Ship From: Hong Kong
	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	STH180N10F3-2
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 100V 120A H2PAK
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	1398 pcs Stock
Series	STripFET™ III
Technology	MOSFET (Metal Oxide)
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab) Variant
Supplier Device Package	H ² PAK
Power Dissipation (Max)	315W (Tc)
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	180A (Tc)
Rds On (Max) @ Id, Vgs	4.5 mOhm @ 60A, 10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	114.6nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	6665pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs (Max)	±20V
Packaging	Tape & Reel (TR)

STH180N10F3-2 is New Original in Stock, Search STH180N10F3-2 Datasheets, PDF, Inventory at Y-IC.com Online, Order STH180N10F3-2 STMicroelectronics with warrantied and confidence. RFQ STH180N10F3-2 : Info@Y-IC.com

You May Be Also Be interested In:

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# PI74FCT2245TQEX	↳ PT6982-S	# S2BA-13-F	↔ SMBYW02-200/11	⇒ SN74AUP2G126YZPR
D SS12P4S-M3/86A	# STH12N60	↳ STH12N60FI	# STH12NA60	⇒ STH12NA60FI
⇒ STH13NB60FI	↔ STH14808-2	# STH15810-2	↳ STH15NA50FI	⇒ STH15NB50FI
↔ STH160N4LF6-2	⇒ STH165N10F4-2	D STH170N8F7-2	# STH260N6F6-6	↳ STH270N4F3-6
# STH360N4F6-2	D STH3N150-2	⇒ STH60N10	↔ STH6N100	⇒ STH6N100FI
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↔ STHVDAC-303F6	# STHH3010W	↳ TPS2388RTQR	# UM5K1NTR	⇒ XC6221A332MR-G

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