


 life.augmented	Manufacturer Part Number: STH130N8F7-2
	Manufacturer/Brand: STMicroelectronics
 Not Actual Photo YIC International Co., Limited.	Part of Description: MOSFET N-CH 80V 110A H2PAK-2
	Datasheets:  STH130N8F7-2.pdf
Image may be representation. See specs for product details.	RoHS Status:  Lead free / RoHS
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Specifications

Part Number	STH130N8F7-2
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 80V 110A 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™ F7
Rds On (Max) @ Id, Vgs	5 mOhm @ 55A, 10V
Power Dissipation (Max)	205W (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	4500pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	60nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	80V
Detailed Description	N-Channel 80V 110A (Tc) 205W (Tc) Surface Mount
Current - Continuous Drain (Id) @ 25°C	110A (Tc)

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