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See specs for product details.

STH140N8F7-2

Manufacturer Part Number:

STH140N8F7-2

Manufacturer/Brand:

STMicroelectronics

Part of Description:

MOSFET N-CH 80V 90A H2PAK-2

Datasheets:

 [STH140N8F7-2.pdf](#)

RoHs Status:

 Lead free / RoHS

Stock Condition:

Compliant
New original, Stock Available.

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Hong Kong

Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Specifications	
Part Number	STH140N8F7-2
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 80V 90A 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	H ² PAK
Series	DeepGATE™, STripFET™ VII
Rds On (Max) @ Id, Vgs	4 mOhm @ 45A, 10V
Power Dissipation (Max)	200W (Tc)
Packaging	Tape & Reel (TR)
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	6340pF @ 40V
Gate Charge (Qg) (Max) @ Vgs	96nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	80V
Current - Continuous Drain (Id) @ 25°C	90A (Tc)

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