



STD16NF25

Manufacturer Part Number:	STD16NF25
Manufacturer / Brand:	STMicroelectronics
Part of Description:	MOSFET N-CH 250V 13A DPAK
Datasheets:	STD16NF25.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 28600 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of STD16NF25

Part Number	STD16NF25	Manufacturer / Brand	STMicroelectronics
Series	STripFET™ II	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-252-3, DPAK (2 Leads + Tab), SC-63	Packaging	Original-Reel®
Mounting Type	Surface Mount	Supplier Device Package	DPAK
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	N-Channel 250V 14A (Tc) 100W (Tc) Surface Mount DPAK
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	100W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	250V	Current - Continuous Drain (Id) @ 25°C	14A (Tc)
Rds On (Max) @ Id, Vgs	235 mOhm @ 6.5A, 10V	Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	18nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	680pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±20V
Other Names	497-7959-6	Stock Quantity	28600 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single Description		MOSFET N-CH 250V 13A DPAK
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords realted to STD16NF25

STMicroelectronics STD16NF25	STD16NF25 part	STD16NF25 Price	STD16NF25 Distributor
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IC Components Limited
WWW.IC-COMPONENTS.COM

Email: Info@IC-Components.com
TEL: 00 852 - 30501935
FAX: 00 852 - 30501945

Address: 6H Block 1, Sherwood Court, Kingswood Villa, Tin Shui Wai, New Territories, Hong Kong