








	<p>Manufacturer Part Number: STD25N10F7</p>
	<p>Manufacturer/Brand: STMicroelectronics</p>
<p>Part of Description: MOSFET N-CH 100V 25A DPAK</p>	<p>Datasheets: STD25N10F7.pdf</p>
<p>RoHs Status:  Lead free / RoHS Compliant</p>	<p>Stock Condition: New original, 31490 pcs Stock Available.</p>
<p>Ship From: Hong Kong</p>	<p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

Specifications

Part Number	STD25N10F7
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 100V 25A DPAK
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	31490 pcs Stock
Series	DeepGATE™, STripFET™ VII
Technology	MOSFET (Metal Oxide)
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Supplier Device Package	DPAK
Power Dissipation (Max)	40W (Tc)
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	25A (Tc)
Rds On (Max) @ Id, Vgs	35 mOhm @ 12.5A, 10V
Vgs(th) (Max) @ Id	4.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	14nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	920pF @ 50V
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs (Max)	±20V
Packaging	Tape & Reel (TR)



















































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