



**STD2NC45-1**

Manufacturer Part Number:	STD2NC45-1
Manufacturer / Brand	STMicroelectronics
Part of Description:	MOSFET N-CH 450V 1.5A IPAK
Datasheets:	STD2NC45-1.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 3300 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of STD2NC45-1

Part Number	STD2NC45-1	Manufacturer / Brand	STMicroelectronics
Series	SuperMESH™	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA	Packaging	Tube
Mounting Type	Through Hole	Supplier Device Package	I-PAK
Operating Temperature	-65°C ~ 150°C (TJ)	Detailed Description	N-Channel 450V 1.5A (Tc) 30W (Tc) Through Hole I-PAK
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	30W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	450V	Current - Continuous Drain (Id) @ 25°C	1.5A (Tc)
Rds On (Max) @ Id, Vgs	4.5 Ohm @ 500mA, 10V	Vgs(th) (Max) @ Id	3.7V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	7nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	160pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±30V
Other Names	497-12554-5 STD2NC45-1-ND STD2NC451	Stock Quantity	3300 pcs Stock
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs, MOSFETs - Single</a> Description		MOSFET N-CH 450V 1.5A IPAK
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords related to STD2NC45-1

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