

ON Semiconductor®

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NIF5003NT1

Part Number:	NIF5003NT1
Manufacturer/Brand:	AMI Semiconductor / ON Semiconductor
Product description	MOSFET N-CH 42V 14A SOT223
Datasheets:	 NIF5003NT1.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	5847 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of NIF5003NT1

PART NUMBER	NIF5003NT1
MANUFACTURER	AMI Semiconductor / ON Semiconductor
DESCRIPTION	MOSFET N-CH 42V 14A SOT223
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	5847 pcs
DATA SHEET	 NIF5003NT1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	Not Required
VOLTAGE - LOAD	42V (Max)
SWITCH TYPE	General Purpose
SUPPLIER DEVICE PACKAGE	SOT-223
SERIES	HDPlus™
RDS ON (TYP)	53 mOhm
RATIO - INPUT:OUTPUT	1:1
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	TO-261-4, TO-261AA
OUTPUT TYPE	N-Channel
OUTPUT CONFIGURATION	Low Side
OTHER NAMES	NIF5003NT1OSTR
OPERATING TEMPERATURE	-55°C ~ 150°C (TJ)
NUMBER OF OUTPUTS	1
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
INTERFACE	On/Off
INPUT TYPE	Non-Inverting
FEATURES	Auto Restart, Slew Rate Controlled
FAULT PROTECTION	Current Limiting (Fixed), Over Temperature, Over Voltage
CURRENT - OUTPUT (MAX)	14A
BASE PART NUMBER	NIF5003N

Related Tags

AMI Semiconductor / ON Semiconductor NIF5003NT1	NIF5003NT1 Distributor	NIF5003NT1 Supplier
NIF5003NT1 Price	NIF5003NT1 Pictures	NIF5003NT1 Image
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Related Products

ON Semiconductor® ON NIF9N05CLT1 Manufacturers: AMI Semiconductor / ON Semiconductor Description: MOSFET N-CH 52V 2.6A SOT223 In stock: 4337 pcs RFQ	ON Semiconductor® ON NIF5003NT3 Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC FET SGL N-CHAN 14A 42V SOT223 In stock: 5631 pcs RFQ
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ON Semiconductor® ON NIF62514T1G Manufacturers: AMI Semiconductor / ON Semiconductor Description: MOSFET N-CH HD+ 6A 40V SOT223 In stock: 97758 pcs RFQ	ON Semiconductor® ON NIF5002NT1G Manufacturers: AMI Semiconductor / ON Semiconductor Description: MOSFET N-CHAN HD+ 2A 42V SOT223 In stock: 6595 pcs RFQ
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