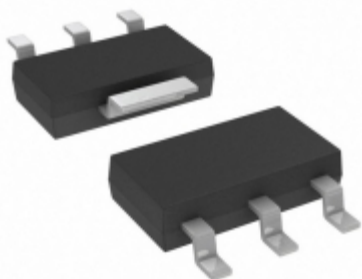


NIF5003NT1



ON Semiconductor®

Part Number: NIF5003NT1

Manufacturer: AMI Semiconductor / ON Semiconductor

Description: MOSFET N-CH 42V 14A SOT223

Data sheet:  NIF5003N

RoHS Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
Buy NIF5003NT1 with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

PRODUCT PARAMETER			
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	4421 pcs	Data sheet	NIF5003N
Category	Integrated Circuits (ICs)	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		
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RELATED PRODUCTS			
	Part#: TPS2061CDGNR Description: IC PWR DIST SWITCH SGL 8MSOP	Manufacturers: N/A	RFQ
	Part#: NIF5002NT1 Description: MOSFET N-CH 42V 2A SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NIF9N05CLT1G Description: MOSFET N-CH 59V 2.6A SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: A6A595KLBTR Description: IC PWR DRVR 8BIT ADDRESS 24SOIC	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: NIF5002NT3G Description: MOSFET N-CH 42V 2A SOT-223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NIF62514T3G Description: IC FET VOLT CLAMP 6A 40V SOT-223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NIF5003NT3G Description: IC FET SGL N-CHAN 14A 42V SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NIF5003NT3 Description: IC FET SGL N-CHAN 14A 42V SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NIF5003NT1G Description: MOSFET N-CH HD+ 14A 42V SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NIF9N05CLT3 Description: MOSFET N-CH 52V 2.6A SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: TPS22916CLYFPT Description: TPS22916 5.5-V, 2-A ULTRA-LOW LE	Manufacturers: N/A	RFQ
	Part#: NIF9N05CLT3G Description: MOSFET N-CH 59V 2.6A SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: MAX14713EWL+ Description: IC POWER PATH SELECTOR 6A 15WLP	Manufacturers: Maxim Integrated	RFQ
	Part#: NIF62514T1G Description: MOSFET N-CH HD+ 6A 40V SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NIF62514T1 Description: MOSFET N-CH 40V 6A SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NIF9N05CLT1 Description: MOSFET N-CH 52V 2.6A SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NIF5002NT3 Description: MOSFET N-CH 42V 2A SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NIF5002NT1G Description: MOSFET N-CHAN HD+ 2A 42V SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: TPL7407LPWR Description: IC POWER RELAY N-CHAN 16TSSOP	Manufacturers: N/A	RFQ
	Part#: TPS2021DG4 Description: IC 0.9A PWR DIST SWITCH 8-SOIC	Manufacturers: N/A	RFQ

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