

NIF5002NT1



ON Semiconductor®

Part Number: [NIF5002NT1](#)

Manufacturer: [AMI Semiconductor / ON Semiconductor](#)

Description: MOSFET N-CH 42V 2A SOT223

Data sheet:  [NIF5002N](#)

RoHS Status: Contains lead / RoHS non-compliant

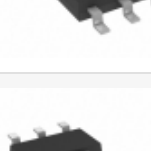
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PRODUCT PARAMETER			
Part Number	NIF5002NT1	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	MOSFET N-CH 42V 2A SOT223	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5687 pcs	Data sheet	NIF5002N
Category	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)	165 mOhm	Ratio - Input:Output	1:1
Packaging	Cut Tape (CT)	Package / Case	TO-261-4, TO-261AA
Output Type	N-Channel	Output Configuration	Low Side
Other Names	NIF5002NT1OSCT	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)	2A
Base Part Number	NIF5002N		
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	Part#: NIF62514T1 Description: MOSFET N-CH 40V 6A SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NIF5002NT3G Description: MOSFET N-CH 42V 2A SOT-223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NIF5003NT3 Description: IC FET SGL N-CHAN 14A 42V SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NIF5002NT3 Description: MOSFET N-CH 42V 2A SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NIF62514T1G Description: MOSFET N-CH HD+ 6A 40V SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NIF9N05CLT1G Description: MOSFET N-CH 59V 2.6A SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: MIC2015-1.2YM6TX Description: IC DISTRIBUTION SW 1.2A SOT23-6	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: NIF9N05CLT3 Description: MOSFET N-CH 52V 2.6A SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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