

NIF5002NT3G



ON Semiconductor®

Part Number: [NIF5002NT3G](#)

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

Description: MOSFET N-CH 42V 2A SOT-223

Data sheet:  [NIF5002N](#)

RoHs Status: Lead free / RoHS Compliant

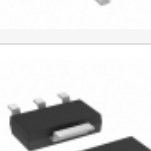
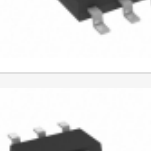
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Request For Quotation

PRODUCT PARAMETER			
Part Number	NIF5002NT3G	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	MOSFET N-CH 42V 2A SOT-223	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4596 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	Tape & Reel (TR)	Package / Case	TO-261-4, TO-261AA
Output Type	N-Channel	Output Configuration	Low Side
Other Names	NIF5002NT3G-ND NIF5002NT3GOSTR	Operating Temperature	-55°C ~ 150°C (TJ)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS 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#: STMP52161STR Description: IC PWR SWITCH 1CH 1000MA SOT23-5	Manufacturers: STMicroelectronics	RFQ
	Part#: NIF5002NT1G Description: MOSFET N-CHAN HD+ 2A 42V SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: MLD1N06CLT4 Description: IC MOSFET POWER N-CH 1A 62V DPAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: VND7140AJ-E Description: IC DVR HIGH-SIDE 2CH POWERSO16	Manufacturers: STMicroelectronics	RFQ
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	Part#: NIF5002NT1 Description: MOSFET N-CH 42V 2A SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: TPS2048AD Description: IC QUAD PWR DIST SW 16-SOIC	Manufacturers: N/A	RFQ
	Part#: NIF62514T1G Description: MOSFET N-CH HD+ 6A 40V SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NIF9N05CLT3G Description: MOSFET N-CH 59V 2.6A SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NIF5003NT1G Description: MOSFET N-CH HD+ 14A 42V SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: NIF62514T1 Description: MOSFET N-CH 40V 6A SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NIF9N05CLT1G Description: MOSFET N-CH 59V 2.6A SOT223	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ

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