

NID6002NT4



ON Semiconductor®

Part Number: [NID6002NT4](#)

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

Description: IC FET SGL N-CH 6.5A 65V DPAK

Data sheet:  [NID6002N](#)

RoHS Status: Contains lead / RoHS non-compliant

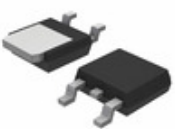
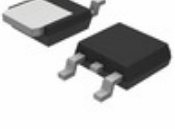
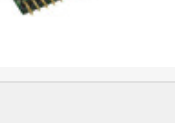
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PRODUCT PARAMETER			
Part Number	NID6002NT4	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC FET SGL N-CH 6.5A 65V DPAK	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5245 pcs	Data sheet	NID6002N
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Not Required
Voltage - Load	60V (Max)	Switch Type	General Purpose
Supplier Device Package	DPAK	Series	HDPlus™
Rds On (Typ)	185 mOhm	Ratio - Input:Output	1:1
Packaging	Tape & Reel (TR)	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Output Type	N-Channel	Output Configuration	Low Side
Operating Temperature	-55°C ~ 150°C (TJ)	Number of Outputs	1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	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)	6.5A	Base Part Number	NID6002N
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	Part#: NID60S24-05 Description: DC DC CONVERTER 5V 20W	Manufacturers: MEAN WELL	RFQ
	Part#: NID5003NT4G Description: MOSFET PWR HD+ 20A 42V ESD DPAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NID5001NT4G Description: MOSFET PWR HD+ 33A 42V ESD DPAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NID9N05CLG Description: MOSFET N-CH CLAMP 9A 52V DPAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NID30S24-12 Description: DC DC CONVERTER 12V 30W	Manufacturers: MEAN WELL	RFQ
	Part#: VND5E008ASP-E Description: IC DVR HIGH-SIDE 2CH POWERSO16	Manufacturers: STMicroelectronics	RFQ
	Part#: NID60S24-15 Description: DC DC CONVERTER 15V 60W	Manufacturers: MEAN WELL	RFQ
	Part#: NID6002NT4G Description: IC FET SGL N-CH 6.5A 65V DPAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NID30S24-15 Description: DC DC CONVERTER 15V 30W	Manufacturers: MEAN WELL	RFQ
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	Part#: NID9N05CLT4 Description: MOSFET N-CH CLAMP 9A 52V DPAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NID60S24-12 Description: DC DC CONVERTER 12V 48W	Manufacturers: MEAN WELL	RFQ
	Part#: NID60S48-24 Description: DC DC CONVERTER 24V 60W	Manufacturers: MEAN WELL	RFQ
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	Part#: NID30S48-24 Description: DC DC CONVERTER 24V 30W	Manufacturers: MEAN WELL	RFQ

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