



Product Overview

NTD5802N: Power MOSFET 40V 101A 4.4 mOhm Single N-Channel DPAK

For complete documentation, see the data sheet

Product Description

Power MOSFET 40V 101A 4.4 mOhm Single N-Channel DPAK

Features	Benefits
<ul style="list-style-type: none">• Low RDS(on)• Low Capacitance• Optimized Gate Charge• MSL 1/260C• AEC Q101 Qualified• 100% Avalanche Tested• PbFree Devices• DCDC Converters• Motor Driver	<ul style="list-style-type: none">• Minimize Conduction Losses• Minimizes Driver Losses• Minimizes Switching Losses

Applications

- CPU Power Delivery

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	V _{DS} (BR) Min (V)	V _{GS} Max (V)	V _{GS} (th) Max (V)	I _D Max (A)	P _D Max (W)	r _{DS(on)} Max @ V _{GS} = 2.5 V (m)	r _{DS(on)} Max @ V _{GS} = 4.5 V (m)	r _{DS(on)} Max @ V _{GS} = 10 V (m)	Q _g Typ @ V _{GS} = 4.5 V (nC)	Q _g Typ @ V _{GS} = 10 V (nC)	Q _{gd} Typ @ V _{GS} = 4.5 V (nC)	Q _{tr} Typ (nC)	C _{iss} Typ (pF)	C _{oss} Typ (pF)	C _{rss} Typ (pF)	Package Type
NTD5802NT4G	Pb-free Halide free	Active	N-Channel	Single	40	20	3.5	101	93.75		7.8	4.4		75	15	15	5300	850	550	DPAK-3

For more information please contact your local sales support at www.onsemi.com

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