



Product Overview

NTD4805N: Power MOSFET 30V 88A 5 mOhm Single N-Channel DPAK

For complete documentation, see the data sheet

Product Description

Power MOSFET 30 V, 88 A, Single N-Channel, DPAK/IPAK

Features

- Low $R_{DS(on)}$ to Minimize Conduction Losses
- Low Capacitance to Minimize Driver Losses
- Optimized Gate Charge to Minimize Switching Losses
- These are Pb-Free Devices

Applications

- CPU Power Delivery
- DC-DC Converter
- Low Side Switching

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS}^{(BR)}$ Min (V)	$V_{GS}^{(th)}$ 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_{rr} Typ (nC)	C_{iss} Typ (pF)	C_{oss} Typ (pF)	C_{rss} Typ (pF)	Package Type
NTD4805NT4G	Pb-free Halide free	Active	N-Channel	Single	30	20	2.5	88	79		7.4	5	20.5	48	8.36		2865	610	338	DPAK-3

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

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