

Product Overview

NTD4804N: Single N-Channel Power MOSFET 30V, 117A, 4mΩ

For complete documentation, see the data sheet.

Power MOSFET 30 V, 117 A, Single N-Channel, DPAK/IPAK

Features

- Low RDS(on) to minimize Conduction Losses
- Low Capacitance to Minimize Driver Losses
- Optimized Gate Charge to Minimize Switching Losses
- RoHS Compliant

Applications

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

Part Electrical Specifications

Product	Compliance	Status	Chan- nel Polar- ity	Confi- gura- tion	$V_{(BR)D}$ SS 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 (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} =$ 4.5 V (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} =$ 10 V (mΩ)	Q_g Typ @ $V_{GS} =$ 4.5 V (nC)	Q_g Typ @ $V_{GS} =$ 10 V (nC)	C_{iss} Typ (pF)	Pack- age Type
NTD4804NT4G	Pb-free Halide free	Active	N- Chan- nel	Singl- e	30	20	2.5	117	89.3	-	5.5	4	-	73	4490	DPA K-3

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

Created on: 9/19/2019