



Product Overview

NTD4808N: Power MOSFET 30V 63A 8 mOhm Single N-Channel DPAK

For complete documentation, see the data sheet

Product Description

Power MOSFET 30 V, 63 A, 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

Applications

- CPU Power Delivery
- Low Side Switching

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS}$ 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)	$Q_{rr}$ Typ (nC)	$C_{iss}$ Typ (pF)	$C_{oss}$ Typ (pF)	$C_{rss}$ Typ (pF)	Packaging Type
NTD4808N-1G	Pb-free Halide free	Active	N-Channel	Single	30	20	2.5	63	54.6		12.4	8	11.3	26	4.9	9.7	1538	334	180	IPAK-4

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