



Product Overview

NTD4860N: Power MOSFET 25V 65A 7.5 mOhm Single N-Channel DPAK

For complete documentation, see the data sheet

Product Description

Power MOSFET Single N Channel, 25V, 65A, DPAK/IPAK

Features	Benefits
<ul style="list-style-type: none">Low CapacitanceOptimized Gate ChargeLow Rds(on)Trench Technology	<ul style="list-style-type: none">Minimize Driver LossesMinimize Switching LossesMinimize Conduction Losses

Applications	End Products
<ul style="list-style-type: none">Vcore ApplicationsDC-DC ConvertersHigh/Low Side Switching	<ul style="list-style-type: none">Desktop PC, Graphic Cards, Game Consoles, and other computing and consumer products

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)	Packaging Type
NTD4860NT4G	Pb-free Halide free	Active	N-Channel	Single	25	20	2.5	65	2		11.1	7.5			4.7	3.5	1308	342	169	DPAK-3

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

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