



Product Overview

NTD4858N: Power MOSFET 25V 73A 6.2 mOhm Single N-Channel DPAK

For complete documentation, see the data sheet

Product Description

Power MOSFET Single N Channel, 25V, 73A, DPAK/IPAK

FeaturesBenefits

- Low Rds(on)
 - Low Capacitance
 - Optimized Gate Charge
 - Trench Technology
 - Pb-Free
 - High/Low Side Switching
- Minimize Conduction Losses
 - Minimize Driver Losses
 - Minimize Switching Losses

ApplicationsEnd Products

- Vcore Applications
 - DC-DC Converters
- Desktop PC, Graphic Cards, Game Consoles, and other computing and consumer end 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 _{rr} Typ (nC)	C _{iss} Typ (pF)	C _{oss} Typ (pF)	C _{rss} Typ (pF)	Packaging Type
NTD4858N-35G	Pb-free Halide free	Active	N-Channel	Single	25	20	2.5	73	2		9.3	6.2	12.8		5.2	3	1563	405	200	IPAK-3
NTD4858NT4G	Pb-free Halide free	Active	N-Channel	Single	25	20	2.5	73	2		9.3	6.2	12.8		5.2	3	1563	405	200	DPAK-3

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