



Product Overview

NTD6415ANL: Power MOSFET 100V 23A 56 mohm Single N-Channel DPAK Logic Level

For complete documentation, see the data sheet

Product Description

Single N-Channel Power MOSFET 100 V, 23 A, 56 m, Logic Level, DPAK

FeaturesBenefits

- Low on resistance
 - High current capability
 - 100% Avalanche energy tested
- Minimal conduction losses
 - Robust load performanc
 - Voltage overstress safeguard

ApplicationsEnd Products

- Direct Fuel Injection
 - Motor Drive
 - DC-DC Conversion
- Automotive ECU
 - Motor
 - Power Supply

Part Electrical Specifications

Product	Compliance	Status	Cha nne l Pol arit y	Con figu rati on	V _{DS} (BR) Min (V)	V _{GS} Max (V)	V _{GS} (n) Max (V)	I _D Max (A)	P _D Max (W)	r _{DS} (on) Max x @ V _{GS} = 2.5 V (m)	r _{DS} (on) Max x @ V _{GS} = 4.5 V (m)	r _{DS} (on) Max x @ 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)	Pac kag e Typ e
NTD6415ANLT4G	Pb-free Halide free	Active	N- Cha nne l	Sin gle	100	20	2	23	83		56	52	20	35	14	152	102 4	156	70	DP AK- 3

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

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