



Product Overview

NTD6414AN: Power MOSFET 100V 32A 37 mohm Single N-Channel DPAK

For complete documentation, see the data sheet

Product Description

Single N-Channel 100 V Power MOSFET

Features	Benefits
<ul style="list-style-type: none">Low RDS(on)High current capability100% Avalanche testedPb-free, Halide-free	<ul style="list-style-type: none">Minimize conduction lossesRobust load performanceVoltage overstress safeguardRoHS compliance

Applications

- Motor Control
- UPS Inverter

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)	Package Type
NTD6414ANT4G	Pb-free Halide free	Active	N-Channel	Single	100	20	4	32	100			37		40	20	195	1450	230	95	DPAK-3

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

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