



Product Overview

NTB5405N: Power MOSFET 40V 116A 5.8 mOhm Single N-Channel D2PAK

For complete documentation, see the data sheet

Product Description

Power MOSFET 40 V, 116 A, Single N-Channel D2PAK

Features

- Low $R_{DS(on)}$
- High Current Capability
- Low Gate Charge
- These are Pb-Free Devices

Applications

- Electronic Brake Systems
- Electronic Power Steering
- Bridge Circuits

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS(sat)}$ 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
NTB5405NT4G	Pb-free Halide free	Active	N-Channel	Single	40	20	3.5	116	150		8	5.8		88	37	113	2700	700	200	² D PAK-3
NVB5405NT4G	AEC Qualified PPAP Capable Pb-free Halide free	Active	N-Channel																	² D PAK-3

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

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