



Product Overview

NTGS4141N: Power MOSFET 30V 7A 25 mOhm Single N-Channel TSOP6

For complete documentation, see the data sheet

Product Description

Power MOSFET 30 V, 7.0 A, Single N-Channel, TSOP-6

Features

- Low $R_{DS(on)}$
- Low Gate Charge
- Pb-Free Package is Available

Applications

- Load Switch
- Notebook PC
- Desktop PC

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
NTGS4141NT1G	Pb-free Halide free	Active	N-Channel	Single	30	20	3	7	2		30	21.5	6	12	3	8	560	115	75	TSOP-6

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

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