



Product Overview

NTGS3455: Power MOSFET -30V -3.5A 100 mOhm Single P-Channel TSOP-6

For complete documentation, see the data sheet

Product Description

NTGS3455

Features

- Ultra Low $R_{DS(on)}$
- Higher Efficiency Extending Battery Life
- Miniature TSOP-6 Surface Mount Package
- Pb-Free Package is Available

Applications

- Power Management in Portable and Battery-Powered Products, i.e.: Cellular and Cordless Telephones, and PCMCIA Cards

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	V_{DSBR} 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
NTGS3455T1G	Pb-free Halide free	Active	P-Channel	Single	30	20	3	3.5	1		170	100		9	2		480	220	60	TSOP-6

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

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