



Product Overview

NTGS3130N: Power MOSFET 20V 5.6A 24 mOhm Single N-Channel TSOP6

For complete documentation, see the data sheet

Product Description

Power MOSFET 20 V, 5.6 A, Single N-Channel, TSOP-6

Features

- Leading Edge Trench Technology for Low On Resistance
- Low Gate Charge for Fast Switching
- Small Size (3 x 2.75 mm) TSOP-6 Package
- This is a Pb-Free Device

Applications

- DC-DC Converters
- Lithium Ion Battery Applications
- Load/Power Switching

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
NTGS3130NT1G	Pb-free Halide free	Active	N-Channel	Single	20	8	1.4	5.6	1.1	32	24		13.2		4.2	8.8	935	<div>1698</div>	<div>104110</div>	TSOP-6

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

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