



Product Overview

NTR2101P: Small Signal MOSFET -8V -3.7A 52 mOhm Single P-Channel SOT-23

For complete documentation, see the data sheet

Product Description

This is an 8.0 V P-Channel Power MOSFET.

Features

- Leading Trench Technology for Low $R_{DS(on)}$
- -1.8 V Rated for Low Voltage Gate Drive
- SOT-23 Surface Mount for Small Footprint (3x3mm)
- Pb-Free Package is Available

Applications

- High Side Load Switch
- DC-DC Conversion
- Cell Phone, Notebook, PDAs, ect.

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS}^{(BR)}$ Min (V)	$V_{GS}^{(th)}$ Max (V)	$V_{GS}^{(th)}$ Max (V)	I_D Max (A)	P_D Max (W)	$r_{DS(on)}$ Max @ $V_{GS}=2.5V$ (m)	$r_{DS(on)}$ Max @ $V_{GS}=4.5V$ (m)	$r_{DS(on)}$ Max @ $V_{GS}=10V$ (m)	Q_g Typ @ $V_{GS}=4.5V$ (nC)	Q_g Typ @ $V_{GS}=10V$ (nC)	Q_{gd} Typ @ $V_{GS}=4.5V$ (nC)	Q_{rr} Typ (nC)	C_{iss} Typ (pF)	C_{oss} Typ (pF)	C_{rss} Typ (pF)	Package Type
NTR2101PT1G	Pb-free Halide free	Active	P-Channel	Single	8	8	1	3.7	0.96	72	52		12		2.5		1173	289	218	SOT-23-3

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

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