



Product Overview

NTGS4111P: Power MOSFET -30V -4.7A 60 mOhm Single P-Channel TSOP6

For complete documentation, see the data sheet

Product Description

Power MOSFET -30 V, -4.7 A, Single P-Channel, TSOP-6

Features

- Leading -30 V, Trench Process for Low  $R_{DS(on)}$
- Low Profile Package Suitable for Portable Applications
- Surface Mount TSOP-6 Saves Board Space
- Improved Efficiency for Battery Applications
- Pb-Free Packages are Available

Applications

- Battery Management and Switching
- Load Switching
- Battery Protection

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
NTGS4111PT1G	Pb-free Halide free	Active	P-Channel	Single	30	20	3	4.7	1.25	null	68	38		15.25	3.4	8	750	140	105	TSOP-6

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