



Product Overview

NTHS5443: Power MOSFET -20V -4.9A 65 mOhm Single P-Channel ChipFET

For complete documentation, see the data sheet

Product Description

Power MOSFET -20V -4.9A 65 mOhm Single P-Channel ChipFET

Features

- Low  $R_{DS(on)}$  for Higher Efficiency
- Logic Level Gate Drive
- Miniature ChipFET Surface Mount Package Saves Board Space

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	$V_{DS(sat)}$ Min (V)	$V_{GS}$ Max (V)	$V_{GS(th)}$ Max (V)	$I_D$ Max (A)	$P_D$ Max (W)	$r_{DS(on)}$ Max @ $V_{GS} = 2.5V$ (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)	$Q_{tr}$ Typ (nC)	$C_{iss}$ Typ (pF)	$C_{oss}$ Typ (pF)	$C_{rss}$ Typ (pF)	Package Type
NTHS5443T1G	Pb-free Halide free	Active	P-Channel	Single	20	12	0.6	4.9	2.5	110	65		7.5		2.2					ChipFET-8

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

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