

## Product Overview

### NTHS5441T1: Power MOSFET -20V -5.3A 60 mOhm Single P-Channel ChipFET

For complete documentation, see the data sheet.

Power MOSFET -20 V, -5.3 A, Single P-Channel ChipFET™

### Features

- Low RDS(on)
- Higher Efficiency Extending Battery Life
- Logic Level Gate Drive
- Miniature ChipFET Surface Mount Package

### Applications

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

### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	$V_{DS}^{(BR)}$ Min (V)	$V_{GS}^{Max}$ (V)	$V_{GS}^{(th)}$ Max (V)	$I_D^{Max}$ (A)	$P_D^{Max}$ (W)	$R_{DS(on)}^{n}^{Max}$ @ $V_{GS} = 2.5V$ (mΩ)	$R_{DS(on)}^{n}^{Max}$ @ $V_{GS} = 4.5V$ (mΩ)	$R_{DS(on)}^{n}^{Max}$ @ $V_{GS} = 10V$ (mΩ)	$Q_g^{Typ}$ @ $V_{GS} = 4.5V$ (nC)	$Q_g^{Typ}$ @ $V_{GS} = 10V$ (nC)	$C_{iss}^{Typ}$ (pF)	Package Type
NTHS5441T1G	0.1991	Pb-free Halide free	Active	P-Channel	Single	-20	12	-1.2	-5.3	1.3	83	65	46	-	9.7	710	Chip FET-8

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

Created on: 4/7/2020