

## Product Overview

### NTE4151P: Single P-Channel Gate Zener Small Signal MOSFET -20V, -760mA, 360mΩ

For complete documentation, see the data sheet.

Small Signal MOSFET -20 V, -540 mA, Single P-Channel, Gate Zener, SC-75 and SC-89

### Features

- Low RDS(on) for Higher Efficiency and Longer Battery Life
- Small Outline Package (1.6 x 1.6 mm)
- ESD Protected Gate
- RoHS Compliant

### Applications

- Hide Side Load Switch
- DC-DC Conversion
- Small Drive Circuits
- Battery Operated Systems such as Cell Phones, PDAs, Digital Cameras, etc.

### Part Electrical Specifications

Product	Compliance	Status	Chan nel Polar ity	Confi gura tion	$V_{SS}^{(BR)D}$ Min (V)	$V_{GS}^{CS}$ Max (V)	$V_{GS}^{(th)}$ Max (V)	$I_D$ Max (A)	$P_D$ Max (W)	$R_{DS(on)}$ Max @ $V_{GS} =$ 2.5 V (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} =$ 4.5 V (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} =$ 10 V (mΩ)	$Q_g$ Typ @ $V_{GS} =$ 4.5 V (nC)	$Q_g$ Typ @ $V_{GS} =$ 10 V (nC)	$C_{iss}$ Typ (pF)	Pack age Type
NTE4151PT1G	Pb-free Halide free	Active	P- Chan nel	Singl e	-20	6	-	0.8	0.301	350	260	-	-	2.1	156	SC- 89-3

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

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