



Product Overview

NTA4151P: Small Signal MOSFET -20V -760mA 360 mOhm Single P-Channel SC-75 with ESD Protection

For complete documentation, see the data sheet

Product Description

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

Features

- Low  $R_{DS(on)}$  for Higher Efficiency and Longer Battery Life
- Small Outline Package (1.6 x 1.6 mm)
- SC-75 Standard Gullwing Package
- ESD Protected Gate
- Pb-Free Packages are Available

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	Channel Polarity	Configuration	$V_{(BR)SS}$ 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
NTA4151PT1H	Pb-free Halide free	Active	P-Channel	Single	20	6	1.2	0.76	0.301	350 450	260 360		2.1		0.5		156	28	18	SC-75-3

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

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