



Product Overview

NTZD3152P: Small Signal MOSFET -20V -430mA 900 mOhm Dual P-Channel SOT-563 with ESD Protection

For complete documentation, see the data sheet

Product Description

This is a 20 V P-Channel Power MOSFET.

Features

- Low $R_{DS(on)}$ Improving System Efficiency
- Low Threshold Voltage
- ESD Protected Gate
- Small Footprint 1.6 x 1.6 mm

Applications

- Load/Power Switches
- Power Supply Converter Circuits
- Battery Management
- Cell Phones, Digital Cameras, PDAs, Pagers, ect.
- These are Pb-Free Devices

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)	Packaging Type
NTZD3152PT1G	Pb-free Halide free	Active	P-Channel	Dual	20	6	1	0.43	0.28	1200	900		1.7		0.4		105	15	10	SOT-563

For more information please contact your local sales support at www.onsemi.com

Created on: 7/11/2015