



Product Overview

NTR3A30PZ: Small Signal MOSFET -20V -2.9A 38 mOhm Single P-Channel SOT-23 with ESD Protection

For complete documentation, see the data sheet

Product Description

Power MOSFET, P-Channel, -20V Single, uDFN2x2x0.5mm

FeaturesBenefits

- Low RDS(on) Solution in 2.4 mm x 2.9 mm Package
- These Devices are PbFree, Halogen Free/BFR Free
- Efficiency
- RoHS Compliance

ApplicationsEnd Products

- High Side Load Switch
- Battery Switch
- Optimized for Power Management Applications for Portable Products
- Smart Phones, Media Tablets, PMP, DSC, GPS, and Others

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	V <sub>DS</sub> (BR) Min (V)	V <sub>GS</sub> Max (V)	V <sub>GS</sub> (th) Max (V)	I <sub>D</sub> Max (A)	P <sub>D</sub> Max (W)	r <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 2.5 V (m)	r <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 4.5 V (m)	r <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 10 V (m)	Q <sub>g</sub> Typ @ V <sub>GS</sub> = 4.5 V (nC)	Q <sub>g</sub> Typ @ V <sub>GS</sub> = 10 V (nC)	Q <sub>gd</sub> Typ @ V <sub>GS</sub> = 4.5 V (nC)	Q <sub>rr</sub> Typ (nC)	C <sub>iss</sub> Typ (pF)	C <sub>oss</sub> Typ (pF)	C <sub>rss</sub> Typ (pF)	Packaging Type
NTR3A30PZT1G	Pb-free Halide free	Active	P-Channel	Single	20	8	1	2.9	0.48	50	38		17.6		4.9		1651	148	129	SOT-23-3

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

Created on: 7/11/2015