



Product Overview

NTNS3A91PZ: Small Signal MOSFET -20V -223mA 1.6 Ohm Single P Channel XLLGA3 with ESD Protection

For complete documentation, see the data sheet

Product Description

Small Signal MOSFET -20V -223mA 1.6 Ohm Single P Channel XLLGA3 with ESD Protection

FeaturesBenefits

- Ultra Small and Thin Package (0.62 x 0.62 x 0.4 mm)
- Low RDS(on) Solution in 0.62 x 0.62 mm Package
- 1.5 V Gate Voltage Rating
- These Devices are PbFree, Halogen Free/BFR Free
- Ideal for Board Space Saving
- Minimize Conduction Losses and improve efficiency
- Can be driven with low logic level voltage
- RoHS Compliant

ApplicationsEnd Products

- Small Signal Load Switch
- Analog Switch
- High Speed Interfacing
- Optimized for Power Management in Ultra Portable Products
- Smart Phones, Media Tablets, and other portable devices

Part Electrical Specifications

Product	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)} 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
NTNS3A91PZT5G	Pb-free Halide free	Active	P-Channel	Single	20	8	1	0.214	0.125	2400	1600						22	4.5	2.5	XLLGA-3

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

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