



Product Overview

NTNUS3171PZ: Small Signal MOSFET -20V -200 mA 3.5 Ohm Single P-Channel SOT-1123 with ESD Protection

For complete documentation, see the data sheet

Product Description

Small Signal MOSFET -20V -200 mA 3.5 Ohm Single P-Channel SOT-1123 with ESD Protection

Features

- Single P Channel MOSFET
- Offers a Low RDS(on) Solution in the Offers a low RDS_{ON} Solution in an Ultra Small 1.0 x 0.6 mm Package
- 1.5 V Gate Voltage Rating
- Ultra Thin Profile (< 0.5 mm) Allows It to Fit Easily into Extremely Thin Environments such as Portable Electronics.
- This is a PbFree Device

Applications

- High Side Switch
- High Speed Interfacing
- Optimized for Power Management in Ultra Portable Equipment

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)	Packaging Type
NTNUS3171PZT5G	Pb-free Halide free	Active	P-Channel	Single	20	8	1	0.2	0.2	4000	3500						13	3.4	1.6	SOT-1123-3

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

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