



Product Overview

NTLUS3A39PZ: Power MOSFET -20V -5.2A 39 mOhm Single P-Channel uDFN6 with ESD Protection

For complete documentation, see the data sheet

Product Description

Power MOSFET -20V -5.2A 39 mOhm Single P-Channel uDFN6 with ESD Protection

Features

- UDFN Package with Exposed Drain Pads
- Low Profile UDFN 1.6 x 1.6 x 0.55 mm
- Ultra Low RDS(on)
- These Devices are PbFree, Halogen Free/BFR Free and are RoHS Compliant

Benefits

- Excellent Thermal Conduction
- Board Space Saving
- Efficiency Improvement

Applications

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

End Products

- Portable Products such as Cell Phones, PMP, Media Tablets, DSC, GPS, and Others

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
NTLUS3A39PZTAG	Pb-free Halide free	Active	P-Channel	Single	20	8	1	5.2	1.5	60	30		10.4			4	920	85	80	UDFN-6
NTLUS3A39PZTBG	Pb-free Halide free	Active	P-Channel	Single	20	8	1	5.2	1.5	60	30		10.4			4	920	85	80	UDFN-6

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

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