



Product Overview

NTLUS3A18PZ: Power MOSFET -20V -8.2A 18 mOhm Single P-Channel UDFN6 with ESD Protection

For complete documentation, see the data sheet

Product Description

Power MOSFET, -20 V, -8.2 A, Single Pch, ESD, 2.0x2.0x0.55 mm, uCool, UDFN Package

Features

- UDFN Package with Exposed Drain Pads
- Low Profile UDFN 2.0x2.0x0.55 mm
- Ultra Low RDS(on)
- PbFree, Halogen Free/BFR Free
- ESD DiodeProtected Gate

Benefits

- Excellent Thermal Conduction
- Board Space Saving
- Improve System Efficiency
- RoHS Compliant

Applications

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

End Products

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

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	V _{DS} (V)	V _{GS} (V)	V _{th} (V)	I _D (A)	P _D (W)	r _{DS(on)} (mΩ)	r _{DS(on)} (mΩ)	r _{DS(on)} (mΩ)	Q _g (nC)	Q _g (nC)	Q _{gd} (nC)	Q _{rr} (nC)	C _{iss} (pF)	C _{oss} (pF)	C _{rss} (pF)	Packaging Type
NTLUS3A18PZTAG	Pb-free Halide free	Active	P-Channel	Single	-20	8	-1	-8.2	1.7	28	18				8.8	12	2240	240	210	UDFN-6
NTLUS3A18PZTBG	Pb-free Halide free	Active	P-Channel	Single	-20	8	-1	-8.2	1.7	28	18				8.8	12	2240	240	210	UDFN-6
NTLUS3A18PZTCG	Pb-free Halide free	Active	P-Channel																	UDFN-6

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

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