



Product Overview

NTLJS3A18PZ: Power MOSFET -20V -8.2A 18 mOhm Single P-Channel WDFN6 with ESD Protection

For complete documentation, see the data sheet

Product Description

Power MOSFET, -20 V, -8.2 A, uCool, Single P-Channel, 2.0x2.0x0.8 mm WDFN Package

Features

- WDFN Package with Exposed Drain Pads
- Low Profile WDFN (2.0x2.0x0.8 mm)
- Ultra Low RDS(on)
- ESD Diode Protected Gate

Benefits

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

Applications

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

End Products

- Portable Products, such as Smart Phones, Media Tablets, PMP, 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
NTLJS3A18PZTWG	Pb-free Halide free	Active	P-Channel	Single	20	8	1	8.4	3.4	25	18		28		8.8	12	2240	240	210	WDFN-6
NTLJS3A18PZTXG	Pb-free Halide free	Active	P-Channel	Single	20	8	1	8.4	3.4	25	18		28		8.8	12	2240	240	210	WDFN-6

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

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