



Product Overview

NTLJD3115P: Power MOSFET -20V -3.3A 100 mOhm Dual P-Channel WDFN6

For complete documentation, see the data sheet

Product Description

Power MOSFET -20 V, -4.1 A, μ Cool™ Dual P-Channel, 2x2 mm WDFN Package

Features

- WDFN Package Provides Exposed Drain Pad for Excellent Thermal Conduction
- 2x2 mm Footprint Same as SC-88
- Lowest $R_{DS(on)}$ Solution in 2x2 mm Package
- 1.8 V $R_{DS(on)}$ Rating for Operation at Low Voltage Gate Drive Logic Level
- Bidirectional Current Flow with Common Source Configuration
- This is a Pb-Free Device

Applications

- Optimized for Battery and Load Management Applications in Portable Equipment
- Li-Ion Battery Charging and Protection Circuits
- High Side Load Switch

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{(BR)SS}$ 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
NTLJD3115PT1G	Pb-free Halide free	Active	P-Channel	Dual	20	8	1	4.1	2.3	135	100		5.5		1.4	5	531	91	56	WDFN-6

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

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