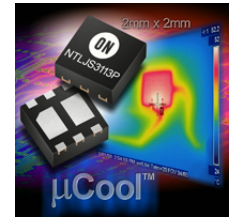




Product Overview

NTLJS3113P: Single P-Channel Power MOSFET -20V -7.7A 40 mΩ

For complete documentation, see the data sheet.



Power MOSFET -20 V, -9.5 A, μCool™ Single P-Channel 2x2 mm WDFN Package

Features

- WDFN Package Provides Exposed Drain Pad for Excellent Thermal Conduction
- 2x2 mm Footprint Same as SC-88 Package
- Lowest RDS(on) Solution in 2x2 mm Package
- 1.5 V RDS(on) Rating for Operation at Low Voltage Logic Level Gate Drive
- Low Profile (< 0.8 mm) for Easy Fit in Thin Environments
- RoHS Compliant

Applications

- DC-DC Converters (Buck and Boost Circuits)
- Optimized for Battery and Load Management Applications in Portable Equipment
- High Side Load Switch

End Products

- Cell Phones
- PDAs
- Media Players

Part Electrical Specifications

Product	Pricing (\$/Unit)	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} (mΩ)	R _{DS(on) Max @ V_{GS} = 4.5 V} (mΩ)	R _{DS(on) Max @ V_{GS} = 10 V} (mΩ)	Q _{g Typ @ V_{GS} = 4.5 V} (nC)	Q _{g Typ @ V_{GS} = 10 V} (nC)	C _{iss Typ} (pF)	Package Type
NTLJS3113PT1G	0.1708	Pb-free Halide free	Active	P-Channel	Single	-20	8	1	5.8	1.9	50	40	-	2.6	13	1329	WDFN-6
NTLJS3113PTAG	0.1627	Pb-free Halide free	Active	P-Channel	Single	-20	8	1	5.8	1.9	50	40	-	2.6	13	1329	WDFN-6

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

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