



Product Overview

NTTFS3A08PZ: Power MOSFET -20V -15A 6.7 mOhm Single P-Channel u8FL with ESD Protection

For complete documentation, see the data sheet

Product Description

Power MOSFET, -20 V, -14 A, Single P CH, ESD, 3.3x3.3x0.8 mm, u8FL Package

Features

- Ultra Low RDS(on)
- u8FL 3.3 x 3.3 x 0.8 mm Package
- PbFree, Halogen Free/BFR Free
- ESD Protection Level of 5 KV per JESD22A114

Benefits

- Minimize Conduction Losses
- Space Saving and Excellent Thermal Conduction
- RoHS Compliant

Applications

- Battery Switch
- High Side Load Switch
- Optimized for Power Management Applications for Portable Products

End Products

- Media Tablets, Ultrabook PCs, and Smartphones

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
NTTFS3A08PZTAG	Pb-free Halide free	Active	P-Channel	Single	20	8	1	14	4.5	9	6.7		54		14	234	5000	600	500	u8FL / WD FN-8
NTTFS3A08PZTWG	Pb-free Halide free	Active	P-Channel	Single	20	8	1	14	4.5	9	6.7		54		14	234	5000	600	500	u8FL / WD FN-8

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

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