



Product Overview

NTTFS4C13N: Power MOSFET 30V 38A 9.4 mOhm Single N-Channel u8FL

For complete documentation, see the data sheet

Product Description

Power MOSFET 30V 38A 9.4 mOhm Single N-Channel u8FL

Features

- Low RDS(on) to Minimize Conduction Losses
- Low Capacitance to Minimize Driver Losses
- Optimized Gate Charge to Minimize Switching Losses
- These Devices are PbFree, Halogen Free/BFR Free and are RoHS Compliant

Applications

- CPU Power Delivery
- DCDC Converters
- Notebook Battery Management

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)	Packaging Type
NTTFS4C13NTAG	Pb-free Halide free	Active	N-Channel	Single	30	20	2.1	38	21.5		14	9.4	7.8	15.2	3.7	9.7	770	443	127	u8FL / WD FN-8
NTTFS4C13NTWG	Pb-free Halide free	Active	N-Channel	Single	30	20	2.1	38	21.5		14	9.4	7.8	15.2	3.7	9.7	770	443	127	u8FL / WD FN-8

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

Created on: 7/11/2015