



Product Overview

NTTFS4C10N: Power MOSFET 30V 44A 7.4 mOhm Single N-Channel u8FL

For complete documentation, see the data sheet

Product Description

Power MOSFET 30V 44A 7.4 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

- DCDC Converters
- Power Load Switch
- Notebook Battery Management

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	V <sub>DS</sub> (BR) Min (V)	V <sub>GS</sub> Max (V)	V <sub>GS</sub> (th) Max (V)	I <sub>D</sub> Max (A)	P <sub>D</sub> Max (W)	r <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 2.5 V (m)	r <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 4.5 V (m)	r <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 10 V (m)	Q <sub>g</sub> Typ @ V <sub>GS</sub> = 4.5 V (nC)	Q <sub>g</sub> Typ @ V <sub>GS</sub> = 10 V (nC)	Q <sub>gd</sub> Typ @ V <sub>GS</sub> = 4.5 V (nC)	Q <sub>tr</sub> Typ (nC)	C <sub>iss</sub> Typ (pF)	C <sub>oss</sub> Typ (pF)	C <sub>rss</sub> Typ (pF)	Packaging Type
NTTFS4C10NTAG	Pb-free Halide free	Active	N-Channel	Single	30	20	2.2	44	23.6		11	7.4		19.3	6.1	8.3	993	574	163	u8FL / WD FN-8
NTTFS4C10NTWG	Pb-free Halide free	Active	N-Channel	Single	30	20	2.2	44	23.6		11	7.4		19.3	6.1	8.3	993	574	163	u8FL / WD FN-8

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