



Product Overview

NTMFS4C10N: Power MOSFET 30V 46A 6.95 mOhm Single N-Channel SO-8FL

For complete documentation, see the data sheet

Product Description

NTMFS4C10N

Features	Benefits
<ul style="list-style-type: none">• Low RDS(on)• Low Capacitance• Optimized Gate Charge• These Devices are PbFree, Halogen Free/BFR Free and are RoHS Compliant	<ul style="list-style-type: none">• Minimises Conduction losses• Minimize Driver losses• Minimize Switching Losses

Applications

- CPU Power Delivery
- DCDC Converters

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
NTMFS4C10NT1G	Pb-free Halide free	Active	N-Channel	Single	30	20	2.2	46	23.6		10.8	6.95		18.9	3.7	13.7	987	574	162	SO-8FL / DF N-5

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

Created on: 7/11/2015