



Product Overview

NTMFS4852N: Power MOSFET 30V 155A 2.1 mOhm Single N-Channel SO-8FL

For complete documentation, see the data sheet

Product Description

This is a 30 V N-Channel Power MOSFET.

Features	Benefits
<ul style="list-style-type: none">Low RDS(on)Low capacitanceOptimized gate charge	<ul style="list-style-type: none">Minimizes conduction lossesMinimizes driver lossesMinimizes switching losses

Applications

- CPU power delivery
- DC-DC converters
- Low-side switching

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
NTMFS4852NT1G	Pb-free Halide free	Active	N-Channel	Single	30	20	2.5	155	86.2		3.3	2.1	34.3	71.3	11.3	28.6	4970	970	427	SO-8FL / DF N-5
NTMFS4852NT3G	Pb-free Halide free	Active	N-Channel	Single	30	20	2.5	155	86.2		3.3	2.1	34.3	71.3	11.3	28.6	4970	970	427	SO-8FL / DF N-5

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

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