



Product Overview

NTMFS4897N: Power MOSFET 30V 171A 2 mOhm Single N-Channel SO-8FL FETky

For complete documentation, see the data sheet

Product Description

This 30 V N-Channel power MOSFET contains an integrated Schottky diode.

FeaturesBenefits

- Low RDS(ON)
 - Low Capacitance and Optimized Qg
 - Monolithic Integrated Schottky
- Improve System Efficiency
 - Improve System Performance
 - Improve Conduction

ApplicationsEnd Products

- DC-DC Converters (IMVP and VRM Synchronous Side Switching)
 - Point of Load
- Server, PC, Game Console,Point of Load

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
NTMFS4897NFT1G	Pb-free Halide free	Active	N-Channel	with Schottky Diode	30	20	2.5	171	96.2		3	2	40.2	83.6	13.4	34	5660	1150	495	SO-8FL / DF N-5

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

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