



Product Overview

NTMFS4937N: Power MOSFET 30V 70A 4.5 mOhm Single N-Channel SO-8FL

For complete documentation, see the data sheet

Product Description

This is a 30 V N-Channel Power MOSFET.

FeaturesBenefits

- Low $R_{DS(on)}$ to Minimize Conduction Losses
 - Low Capacitance to Minimize Driver Losses
 - Optimized Gate Charge to Minimize Switching Losses
 - These are PbFree Devices
- Improve System Efficiency
 - Improve Switching Performance
 - Improve Switching Performance
 - RoHS Compliance

ApplicationsEnd Products

- CPU Power Delivery
 - DCDC Converters
- Notebook PC, Desktop PC, Server, Game Consoles, other Computing Products

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS(sat)}$ 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)	Package Type
NTMFS4937NT1G	Pb-free Halide free	Active	N-Channel	Single	30	20	2.2	70	43		6	4	15.9	31	2.2	35	2516	840	25	SO-8FL / DF N-5
NTMFS4937NT3G	Pb-free Halide free	Active	N-Channel	Single	30	20	2.2	70	43		6	4	15.9	31	2.2	35	2516	840	25	SO-8FL / DF N-5

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

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