



Product Overview

NTMFS4935N: Power MOSFET 30V 93A 3.2 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  $R_{DS(on)}$ , Low Capacitance and Optimized Gate Charge to Minimize Conduction, Driver and Switching Losses
- Next Generation Enhanced Body Diode, Engineered for Soft Recovery, Provides SchottkyLike Performance Minimizing EMI in Sync Buck Converter Applications
- Improve System Efficiency
- Improve Signal Quality

ApplicationsEnd Products

- CPU Power Delivery, DCDC Converters
- Notebook, Desktop, Server, Game Consoles, Point of Load and other Computing Products

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS}^{(BR)}$ Min (V)	$V_{GS}^{(n)}$ Max (V)	$V_{GS}^{(n)}$ 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
NTMFS4935NT1G	Pb-free Halide free	Active	N-Channel	Single	30	20	2.2	93	48		4.2	3.2	22	49.4	3	45	3579	1264	39	SO-8FL / DF N-5
NTMFS4935NT3G	Pb-free Halide free	Active	N-Channel	Single	30	20	2.2	93	48		4.2	3.2	22	49.4	3	45	3579	1264	39	SO-8FL / DF N-5

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

Created on: 7/11/2015