

Product Overview

NTMFS4935N: Single N-Channel Power MOSFET 30V, 93A, 3.2mΩ

For complete documentation, see the data sheet.

This is a 30 V N-Channel Power MOSFET.

Features

- Low $r_{DS(on)}$ to Minimize Conduction Loss
- Low Capacitance to Minimize Driver Losses
- Optimized Gate Charge to Minimize Switching Losses
- RoHS Compliant

Applications

- CPU Power Delivery
- DC-DC Converters

End Products

- Notebook, Desktop, Server, Game Consoles, Point of Load and other Computing Products

Part Electrical Specifications

Product	Compliance	Status	Chan- nel Polar- ity	Confi- gura- tion	V_{BRD} SS 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 (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} =$ 4.5 V (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} =$ 10 V (mΩ)	Q_g Typ @ $V_{GS} =$ 4.5 V (nC)	Q_g Typ @ $V_{GS} =$ 10 V (nC)	C_{iss} Typ (pF)	Pack- age Type
NTMFS4935NT1G	Pb-free Halide free	Active	N- Chan- nel	Singl- e	30	20	2.2	93	107	-	4.2	3.2	15.9	49.4	3579	SO- 8FL / DFN- 5
NTMFS4935NT3G	Pb-free Halide free	Active	N- Chan- nel	Singl- e	30	20	2.2	93	107	-	4.2	3.2	15.9	49.4	3579	SO- 8FL / DFN- 5

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

Created on: 7/22/2019