



Product Overview

NTMS4939N: Power MOSFET 30V 12.5A 8.4 mOhm Single N-Channel SO-8

For complete documentation, see the data sheet

Product Description

Power MOSFET, 30V, 53A, Single N Channel, SO8FL

FeaturesBenefits

- Low RDS(on)
 - Low Capacitance
 - Optimized Gate Charge
 - Pb Free and Halogen Free
- Minimize Conduction Losses
 - Minimize Driver Losses
 - Reduce Switching Losses
 - RoHS Compliant

ApplicationsEnd Products

- DC-DC Converter, Point of Load, Power Load Switch, Motor Control
- PC, Server, Game Console, HDD, Printer, other Computing and Consumer Products

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
NTMS4939NR2G	Pb-free Halide free	Active	N-Channel	Single	30	20	2.5	12.5	2			8.4	12.4		1.85	32	2000	620	16	SOIC-8

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

Created on: 7/11/2015