



Product Overview

NTMFS4925N: Power MOSFET 30V 48A 5.6 mOhm Single N-Channel SO-8FL

For complete documentation, see the data sheet

Product Description

Power MOSFET 30V N Channel, 48A, SO8FL package

Features

- Optimized Qg and Rg
- Low Capacitance
- Low RDS(on)
- Pb-Free, Halogen Free

Benefits

- Improve Signal Quality and Minimize Switching Losses
- Minimize Driver Loss
- Improve Efficiency
- RoHS Compliant

Applications

- High Side Synchronous DC-DC Converters
- Vcore/GPUcore/VRM High Side Voltage Regulation
- Notebook Battery Management

End Products

- Notebook PC, Desktop PC, Server, Netcom, Point of Load Module

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_{tr} Typ (nC)	C_{iss} Typ (pF)	C_{oss} Typ (pF)	C_{rss} Typ (pF)	Package Type
NTMFS4925NT1G	Pb-free Halide free	Active	N-Channel	Single	30	20	2.2	48	23.2		8.5	5.6	10.8		4.2	13.6	1264	483	143	SO-8FL / DF N-5
NTMFS4925NT3G	Pb-free Halide free	Active	N-Channel	Single	30	20	2.2	48	23.2		8.5	5.6	10.8		4.2	13.6	1264	483	143	SO-8FL / DF N-5

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

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