



Product Overview

NTMFS4925N: Single N-Channel Power MOSFET 30V, 48A, 5.6mΩ

For complete documentation, see the data sheet.

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

Features

- Optimized Qg and Rg
- Low Capacitance
- Low RDS(on)
- RoHS Compliant

Benefits

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

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	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	V _{(BR)DSS} 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)	Package Type
NTMFS4925NT1G	0.1923	Pb-free Halide free	Active	N-Channel	Single	30	20	2.2	48	31	-	8.5	5.6	8	10.8	1264	SO-8FL / DFN-5
NTMFS4925NT3G	0.2661	Pb-free Halide free	Active	N-Channel	Single	30	20	2.2	48	31	-	8.5	5.6	8	10.8	1264	SO-8FL / DFN-5

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

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