

Product Overview

NTMFS4921N: Power MOSFET 30V 58.5A 6.95 mOhm Single N-Channel SO-8FL

For complete documentation, see the data sheet.

Power MOSFET 30V 58.5A 6.95 mOhm Single N-Channel SO-8FL

Features

- Low RDS(on)
- Low Capacitance
- Optimized Gate Charge

Benefits

- Improve System Efficiency
- Minimize Driver Losses
- Minimize Switching Losses

Applications

- DC-DC Converter, Power Load Switch, Point of Load, Motor Control

End Products

- PC, Server, Game Console, HDD, Printer, and other computing and consumer products

Part Electrical Specifications

Product	Pricing (\$/Unit)	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)	$R_{DS(on)}^{Max}$ @ $V_{GS} = 2.5V$ (mΩ)	$R_{DS(on)}^{Max}$ @ $V_{GS} = 4.5V$ (mΩ)	$R_{DS(on)}^{Max}$ @ $V_{GS} = 10V$ (mΩ)	Q_g^{Typ} @ $V_{GS} = 4.5V$ (nC)	Q_g^{Typ} @ $V_{GS} = 10V$ (nC)	C_{iss}^{Typ} (pF)	Package Type
NTMFS4921NT1G	0.2825	Pb-free Halide free	Active	N-Channel	Single	30	20	2.5	58.5	38.5		10.8	6.95	10.7	25	1400	SO-8FL / DFN-5

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

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