



Product Overview

NTMFS4899N: Power MOSFET 30V 75A 5 mOhm Single N-Channel SO-8FL FETky

For complete documentation, see the data sheet

Product Description

This 30 V N-Channel power MOSFET contains an integrated Schottky diode.

Features	Benefits
<ul style="list-style-type: none">Integrated Schottky and Low RDS(on)Low Capacitance and Optimized Qg	<ul style="list-style-type: none">Improve System EfficiencyImprove Switching Performance

Applications	End Products
<ul style="list-style-type: none">IMVP and VRM System Rails, Switching, Synchronous Side	<ul style="list-style-type: none">Server, Notebook PC, Game Console

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS(sat)}$ Min (V)	V_{GS} Max (V)	$V_{GS(th)}$ Max (V)	I_D Max (A)	P_D Max (W)	$r_{DS(on)}$ Max @ $V_{GS}=2.5V$ (m)	$r_{DS(on)}$ Max @ $V_{GS}=4.5V$ (m)	$r_{DS(on)}$ Max @ $V_{GS}=10V$ (m)	Q_g Typ @ $V_{GS}=4.5V$ (nC)	Q_g Typ @ $V_{GS}=10V$ (nC)	Q_{gd} Typ @ $V_{GS}=4.5V$ (nC)	Q_{rr} Typ (nC)	C_{iss} Typ (pF)	C_{oss} Typ (pF)	C_{rss} Typ (pF)	Packaging Type
NTMFS4899NFT1G	Pb-free Halide free	Active	N-Channel	with Schottky Diode	30	20	2.5	75	48		7.5	5	12.2	25	4.8	5.7	1600	360	165	SO-8FL / DF N-5

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

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