



Product Overview

NTMFS4845: Power MOSFET 30V 115A 2.9 mOhm Single N-Channel SO-8FL

For complete documentation, see the data sheet

Product Description

Power MOSFET 30 V, 115 A, Single N-Channel, SO-8 FL

FeaturesBenefits

- Low Capacitance
 - Low $R_{DS(on)}$
 - Optimized Gate Charge
 - Thermally Enhanced SO-8 Package
 - Pb-Free Device
- Minimize Driver Losses
 - Minimize Conduction Losses
 - Minimize Switching Losses
 - Efficient Thermal transfer
 - Environmentally Friendly

ApplicationsEnd Products

- CPU Power Delivery
 - DC-DC Converters
 - Low Side Switching
 - Servers/Workstations
 - Refer to Application Note AND8195/D
- Notebook Computers

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS}^{(BR)}$ Min (V)	$V_{GS}^{(th)}$ 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
NTMFS4845NT1G	Pb-free Halide free	Active	N-Channel	Single	30	16	2.5	115	62.5		4.4	2.9	25.6		8.6	9	3720	650	335	SO-8FL / DF N-5

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

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