



Product Overview

NTMFS4834N: Power MOSFET 30V 130A 3 mOhm Single N-Channel SO-8FL

For complete documentation, see the data sheet

Product Description

Power MOSFET 30 V, 130 A, Single N-Channel, SO-8 FL

Features

- Low $R_{DS(on)}$ to Minimize Conduction Losses
- Low Capacitance to Minimize Driver Losses
- Optimized Gate Charge to Minimize Switching Losses
- These are Pb-Free Devices

Applications

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

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 @ $V_{GS} = 2.5$ 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_{rr} Typ (nC)	C_{iss} Typ (pF)	C_{oss} Typ (pF)	C_{rss} Typ (pF)	Package Type
NTMFS4834NT1G	Pb-free Halide free	Active	N-Channel	Single	30	20	2.5	130	86.2		4	3	32	74	11	25.9	4500	960	500	SO-8FL / DF N-5

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

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