



Product Overview

NTMFS4841N: Power MOSFET 30V 57A 7 mOhm Single N-Channel SO-8FL

For complete documentation, see the data sheet

Product Description

Power MOSFET 30 V, 57 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
- Refer to Application Note AND8195/D

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_{rr} Typ (nC)	C_{iss} Typ (pF)	C_{oss} Typ (pF)	C_{rss} Typ (pF)	Package Type
NTMFS4841NT1G	Pb-free Halide free	Active	N-Channel	Single	30	20	2.5	57	41.7		11.4	7	11.5	25.4	5.1	10.7	1436	348	177	SO-8FL / DF N-5

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

Created on: 7/11/2015