

## Product Overview

### NTMFS4841N: Single N-Channel Power MOSFET 30V, 57A, 7mΩ

For complete documentation, see the data sheet.

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

#### Applications

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

#### Part Electrical Specifications

Product	Compliance	Status	Chan- nel Polar- ity	Confi- gura- tion	$V_{SS}^{(BRD)}$ 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 (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} =$ 4.5 V (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} =$ 10 V (mΩ)	$Q_g$ Typ @ $V_{GS} =$ 4.5 V (nC)	$Q_g$ Typ @ $V_{GS} =$ 10 V (nC)	$C_{iss}$ Typ (pF)	Pack- age Type
NTMFS4841NT1G	Pb-free Halide free	Active	N- Chan- nel	Singl- e	30	20	2.5	57	20.2	-	11.4	7	19.2	25.4	1436	SO- 8FL / DFN- 5

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Created on: 7/15/2019