

# NTMFS4C35N

## Single N-Channel Power MOSFET 30V, 80A, 3.2mΩ

### Product Overview

For complete documentation, see the data sheet.

Power MOSFET 30 V, 80 A, Single N-Channel, SO-8 FL

#### Features

- Low RDS(on) to Minimize Conduction Losses
- Low Capacitance to Minimize Driver Losses
- Optimized Gate Charge to Minimize Switching Losses
- RoHS Compliant

#### Benefits

- Improve System Efficiency
- Improve System Efficiency
- Improve Signal Quality

#### Applications

- CPU Power Delivery
- DC-DC Converters

#### End Products

- Notebook, Desktop, Server, Game Consoles, Point of Load and other Computing Products

### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	$V_{DS}^{(BR)}$ 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)	Package Type
NTMFS4C35NT3G	0.5681		Active	N-Channel	Single	30	20	2.2	80	33	-	4	3.2	-	15	2300	SO-8FL / DFN-5