

## Product Overview

### NTMFS5C604NL: Single N-Channel Power MOSFET 60V, 272A, 1.2 mΩ

For complete documentation, see the data sheet.

Power MOSFET 60V 272A 1.2 mΩ Single N-Channel

#### Features

- Low RDS(on)
- Low input capacitance
- RoHS Compliant

#### Benefits

- Minimize conduction losses
- Minimize switching losses

#### Applications

- High Performance DC-DC Converters
- Point of load Modules

#### End Products

- Netcom, Telecom
- Server

### 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)	$R_{DS(on)}^{n}$ Max @ $V_{GS} = 2.5V$ (mΩ)	$R_{DS(on)}^{n}$ Max @ $V_{GS} = 4.5V$ (mΩ)	$R_{DS(on)}^{n}$ Max @ $V_{GS} = 10V$ (mΩ)	$Q_g^{Typ}$ @ $V_{GS} = 4.5V$ (nC)	$Q_g^{Typ}$ @ $V_{GS} = 10V$ (nC)	$C_{iss}^{Typ}$ (pF)	Package Type
NTMFS5C604NLT1G	1.322	Pb-free Halide free non AEC-Q and PPAP	Active	N-Channel	Single	60	±20	2	276	200	-	1.7	1.2	41	120	8900	DFN 5x6, 1.27P (SO-8FL)
NTMFS5C604NLT3G	1.437	Pb-free Halide free non AEC-Q and PPAP	Active	N-Channel	Single	60	±20	2	276	200	-	1.7	1.2	41	120	8900	DFN 5x6, 1.27P (SO-8FL)

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com).

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