

## Product Overview

### NTMFS5C410NLT: Single N-Channel Power MOSFET 40V, 330A, 0.82mΩ

For complete documentation, see the data sheet.

Power MOSFET 40 V, 0.82 m, 330 A, Single N-Channel

### Features

- Low RDS(on) to Minimize Conduction Losses
- Low QG and Capacitance to Minimize Driver Losses
- Small Footprint (5x6 mm) for Compact Design
- NTMFS5C410NLTWF - Wettable Flank Option for Enhanced Optical Inspection
- RoHS Compliant

### Applications

- High Performance DC-DC Converters
- Point of Load Modules
- Secondary Syn. Rectification
- DC Motor Drive

### End Products

- Netcom, Telecom
- Server
- Handheld power tools

### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	V <sub>DSS</sub> (BR) Min (V)	V <sub>GS</sub> Max (V)	V <sub>GS</sub> (th) Max (V)	I <sub>D</sub> Max (A)	P <sub>D</sub> Max (W)	R <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 2.5 V (mΩ)	R <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 4.5 V (mΩ)	R <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 10 V (mΩ)	Q <sub>g</sub> Typ @ V <sub>GS</sub> = 4.5 V (nC)	Q <sub>g</sub> Typ @ V <sub>GS</sub> = 10 V (nC)	C <sub>iss</sub> Typ (pF)	Package Type
NTMFS5C410NLTT1G	1.011	Pb-free Halide free non AEC-Q and PPAP	Active	N-Channel	Single	40	±20	2	330	30	-	1.2	0.82	24	66	8862	SO-8FL / DFN-5

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

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