

Product Overview

NTMFS5C410NL: 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)
- Low Input Capacitance
- RoHS Compliant

Applications

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

Benefits

- Minimize conduction losses
- Minimize switching losses

End Products

- Netcom, Telecom
- Server
- Handheld power tools

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 @ $V_{GS} = 2.5$ V (mΩ)	$R_{DS(on)}^{(n)}$ Max @ $V_{GS} = 4.5$ V (mΩ)	$R_{DS(on)}^{(n)}$ 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
NTMFS5C410NLT1G	0.921	Pb-free Halide free non AEC-Q and PPAP	Active	N-Channel	Single	40	±20	2	302	167	-	1.2	0.82	-	143	8862	SO-8FL / DFN-5
NTMFS5C410NLT3G	2.137	Pb-free Halide free non AEC-Q and PPAP	Active	N-Channel	Single	40	±20	2	302	167	-	1.2	0.82	-	143	8862	SO-8FL / DFN-5

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

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