

NTMFS5C410NL

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

Product Overview

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

Benefits

- Minimize conduction losses
- Minimize switching losses

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 _{DS(BR)Min} (V)	V _{GSMax} (V)	V _{GS(t)Max} (V)	I _{DMax} (A)	P _{DMax} (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 _{gTyp} @ V _{GS} = 4.5 V (nC)	Q _{gTyp} @ V _{GS} = 10 V (nC)	C _{issTyp} (pF)	Package Type
NTMFS5C410NL T1G	1.5888		Active	N-Channel	Single	40	±20	2	302	167	-	1.2	0.82	-	143	8862	SO-8FL / DFN-5
NTMFS5C410NL T3G	3.6864		Active	N-Channel	Single	40	±20	2	302	167	-	1.2	0.82	-	143	8862	SO-8FL / DFN-5