



Product Overview

NTMFS5C646NL: Power MOSFET 60V 84A 4.7 mOhm Single N-Channel SO8FL Logic Level

For complete documentation, see the data sheet

Product Description

Power MOSFET 60V 84A 4.7 mOhm Single N-Channel SO8FL Logic Level

Features	Benefits
<ul style="list-style-type: none">Low RDS(on)Low input capacitance	<ul style="list-style-type: none">Minimize conduction lossesMinimize switching losses
Applications	End Products
<ul style="list-style-type: none">High Performance DC-DC ConvertersPoint of load Modules	<ul style="list-style-type: none">Netcom, TelecomServer

Part Electrical Specifications

Product	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 (m)	r _{DS(on)} Max @ V _{GS} = 4.5 V (m)	r _{DS(on)} Max @ V _{GS} = 10 V (m)	Q _g Typ @ V _{GS} = 4.5 V (nC)	Q _g Typ @ V _{GS} = 10 V (nC)	Q _{gd} Typ @ V _{GS} = 4.5 V (nC)	Q _{tr} Typ (nC)	C _{iss} Typ (pF)	C _{oss} Typ (pF)	C _{rss} Typ (pF)	Packaging Type
NTMFS5C646NLT1G	Pb-free Halide free	Active	N-Channel	Single	60	±20	2	84	66		6.3	4.7	15.7	33.7	5.1	32	2000	950	25	SO-8FL / DF N-5
NTMFS5C646NLT3G	Pb-free Halide free	Active	N-Channel	Single	60	±20	2	84	66		6.3	4.7	15.7	33.7	5.1	32	2000	950	25	SO-8FL / DF N-5

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

Created on: 7/10/2015