



Product Overview

NTMFS5C410NL: Power MOSFET 40V 285A 0.9 mOhm Single N-Channel SO-8FL Logic Level

For complete documentation, see the data sheet

Product Description

Power MOSFET 40V 285A 0.9 mOhm Single N-Channel SO-8FL 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 ModulesSecondary Syn. RectificationDC Motor Drive	<ul style="list-style-type: none">Netcom, TelecomServerHandheld power tools

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 _{rr} Typ (nC)	C _{iss} Typ (pF)	C _{oss} Typ (pF)	C _{rss} Typ (pF)	Packaging Type
NTMFS5C410NLT1G	Pb-free Halide free	Active	N-Channel	Single	40	±20	2	285	139		1.3	0.9	66	150	22		8700	3500	81	SO-8FL / DF N-5
NTMFS5C410NLT3G	Pb-free Halide free	Active	N-Channel	Single	40	±20	2	285	139		1.3	0.9	66	150	22		8700	3500	81	SO-8FL / DF N-5

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

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