



Product Overview

NTMFS5844NL: Power MOSFET 60V 60A 12 mOhm Single N-Channel SO-8FL Logic Level

For complete documentation, see the data sheet

Product Description

60 V, 61 A, 12 mOhm, SO-8 FL

Features	Benefits
<ul style="list-style-type: none">Low RDS(on)Low CapacitanceOptimized Gate ChargeThese Devices are PbFree, Halogen Free/BFR Free	<ul style="list-style-type: none">Reduced conduction lossesReduced input lossesReduced switching lossesRoHS Compliant

Applications	End Products
<ul style="list-style-type: none">DC-DC Conversion	<ul style="list-style-type: none">DC-DC Converters

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
NTMFS5844NLT1G	Pb-free Halide free	Active	N-Channel	Single	60	20	2.3	60	89		16	12		30	8	15	1460	150	96	SO-8FL / DF N-5

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

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