



Product Overview

NTMFS4C35N: Power MOSFET 30V 80A 3.2 mOhm Single N-Channel SO-8FL

For complete documentation, see the data sheet

Product Description

30 V, 80 A, Single N-Channel, SO-8 FL

Features	Benefits
<ul style="list-style-type: none">Low RDS(on) to Minimize Conduction LossesLow Capacitance to Minimize Driver LossesOptimized Gate Charge to Minimize Switching LossesThese Devices are PbFree, Halogen Free/BFR Free and are RoHS Compliant	<ul style="list-style-type: none">Improve System EfficiencyImprove System EfficiencyImprove Signal Quality

Applications	End Products
<ul style="list-style-type: none">CPU Power Delivery, DCDC Converters	<ul style="list-style-type: none">Notebook, Desktop, Server, Game Consoles, Point of Load and other Computing Products

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)	Package Type
NTMFS4C35NT1G	Pb-free Halide free	Active	N-Channel	Single	30	20	2.2	80	33		4.2	3.2	15	32.5	5.5	30	2300	1097	46	SO-8FL / DF N-5
NTMFS4C35NT3G	Pb-free Halide free	Active	N-Channel	Single	30	20	2.2	80	33		4.2	3.2	15	32.5	5.5	30	2300	1097	46	SO-8FL / DF N-5

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

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