



Product Overview

NTMFS6B03N: Power MOSFET 100V 132A 4.8m Single N-Channel SO-8FL

For complete documentation, see the data sheet

Product Description

Power MOSFET 100V 132A 4.8m Single N-Channel SO-8FL

Features	Benefits
<ul style="list-style-type: none"><li>Low RDS(on)</li><li>Low input capacitance</li></ul>	<ul style="list-style-type: none"><li>Minimize conduction losses</li><li>Minimize switching losses</li></ul>

Applications	End Products
<ul style="list-style-type: none"><li>Point of load modules</li></ul>	<ul style="list-style-type: none"><li>Netcom, Telecom</li><li>Server</li></ul>

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	V <sub>DS(BR)</sub> Min (V)	V <sub>GS</sub> Max (V)	V <sub>GS(th)</sub> Max (V)	I <sub>D</sub> Max (A)	P <sub>D</sub> Max (W)	r <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 2.5 V (m)	r <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 4.5 V (m)	r <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 10 V (m)	Q <sub>g</sub> Typ @ V <sub>GS</sub> = 4.5 V (nC)	Q <sub>g</sub> Typ @ V <sub>GS</sub> = 10 V (nC)	Q <sub>gd</sub> Typ @ V <sub>GS</sub> = 4.5 V (nC)	Q <sub>tr</sub> Typ (nC)	C <sub>iss</sub> Typ (pF)	C <sub>oss</sub> Typ (pF)	C <sub>rss</sub> Typ (pF)	Packaging Type
NTMFS6B03NT1G	Pb-free Halide free	Active	N-Channel	Single	100	±20	4	132	165			4.8		58		120	4200	760	31	SO-8FL / DF N-5
NTMFS6B03NT3G	Pb-free Halide free	Active	N-Channel	Single	100	±20	4	132	165			4.8		58		120	4200	760	31	SO-8FL / DF N-5

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

Created on: 7/11/2015