



Product Overview

NTMFS4823N: Power MOSFET 30V 30A 10.5 mOhm Single N-Channel SO-8FL

For complete documentation, see the data sheet

Product Description

NTMFS4823N Power MOSFET, 30V, 30A, Single N-Channel, SO8FL for high side switching

Features	Benefits
<ul style="list-style-type: none"><li>Low Rds(on)</li><li>Low Capacitance</li><li>Optimized Gate Charge</li><li>Lead Free configuration</li></ul>	<ul style="list-style-type: none"><li>Minimize Conduction Losses</li><li>Minimize Driver Lossess</li><li>Minimizes Switching Losses</li><li>Environmentally friendly</li></ul>

Applications	End Products
<ul style="list-style-type: none"><li>CPU power Delivery</li><li>DC-DC Converters</li><li>High Side Switching</li><li>Refer to Application Note AND8195/D</li></ul>	<ul style="list-style-type: none"><li>Notebook Computing</li><li>Desktop Computing</li><li>Servers &amp; Workstations</li></ul>

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	V <sub>DS</sub> (BR) Min (V)	V <sub>GS</sub> Max (V)	V <sub>GS</sub> (th) 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>rr</sub> Typ (nC)	C <sub>iss</sub> Typ (pF)	C <sub>oss</sub> Typ (pF)	C <sub>rss</sub> Typ (pF)	Packaging Type
NTMFS4823NT1G	Pb-free Halide free	Active	N-Channel	Single	30	20	2.5	30	32.5		18	10.6	6		2.5	0.6	795	163	85	SO-8FL / DF N-5

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

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