



Product Overview

NTTFS4821N: Power MOSFET 30V 57A 7 mOhm Single N-Channel u8FL

For complete documentation, see the data sheet

Product Description

This is a 30 V N-Channel Power MOSFET.

Features	Benefits
<ul style="list-style-type: none"><li>• Small Footprint (3.3 x 3.3 mm) for Compact Design</li><li>• Low RDS(on) to Minimize Conduction Losses</li><li>• Low Capacitance to Minimize Driver Losses</li></ul>	<ul style="list-style-type: none"><li>• Minimizes PCB area required</li><li>• Higher Efficiency</li><li>• Higher Efficiency</li></ul>

Applications	End Products
<ul style="list-style-type: none"><li>• DCDC Converters</li><li>• High Side Switching</li></ul>	<ul style="list-style-type: none"><li>• Notebook Computer</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
NTTFS4821NTAG	Pb-free Halide free	Active	N-Channel	Single	30	20	2.5	57	38.5		10.8	7	10.5	24	4.5	1.7	1300	300	150	u8FL/WD FN-8

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

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