



Product Overview

NTTFS4C06N: Power MOSFET 30V 65A 4.2 mOhm Single N-Channel u8FL

For complete documentation, see the data sheet

Product Description

Power MOSFET 30V 65A 4.2 mOhm Single N-Channel u8FL

Features	Benefits
<ul style="list-style-type: none"><li>Low RDS(on) to Minimize Conduction Losses</li><li>Low Capacitance to Minimize Driver Losses</li><li>Optimized Gate Charge to Minimize Switching Losses</li><li>These Devices are PbFree and are RoHS Compliant</li></ul>	<ul style="list-style-type: none"><li>Improve System Efficiency</li><li>Improve System Efficiency</li></ul>

Applications

- CPU Power Delivery
- DCDC Converters
- Notebook Battery Management

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
NTTFS4C06NTAG	Pb-free Halide free	Active	N-Channel	Single	30	20	2.2	65	31		6.1	4.2	11.6	26	4	22	1683	841	40	u8FL / WD FN-8
NTTFS4C06NTWG	Pb-free Halide free	Active	N-Channel	Single	30	20	2.2	65	31		6.1	4.2	11.6	26	4	22	1683	841	40	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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