



Product Overview

NTTFS5116PL: Power MOSFET -60V -20A 52 mOhm Single P-Channel u8FL Logic Level

For complete documentation, see the data sheet

Product Description

Power MOSFET 60V 8.2A 52mOhm Single P-Channel u-8 FL

Features	Benefits
<ul style="list-style-type: none"><li>Low RDS(on)</li><li>Fast Switching</li><li>These Devices are Pb-Free and are Halide-free</li></ul>	<ul style="list-style-type: none"><li>Improvement in conduction losses</li><li>Improvement in switching losses</li><li>RoHS compliant</li></ul>

Applications

- Load Switches
- DC Motor Control
- DCDC Conversion

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
NTTFS5116PLTAG	Pb-free Halide free	Active	P-Channel	Single	60	20	3	20	40		72	52	14	25	7	19	1258	127	84	u8FL / WD FN-8
NTTFS5116PLTWG	Pb-free Halide free	Active	P-Channel	Single	60	20	3	20	40		72	52	14	25	7	19	1258	127	84	u8FL / WD FN-8

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

Created on: 7/11/2015