



Product Overview

NMLU1210: Power MOSFET 20V 3.2A 26 mOhm Dual N-Channel Full Bridge Rectifier UDFN8

For complete documentation, see the data sheet

Product Description

Full Bridge Rectifier for Wireless Charging, UDFN 4x4x0.55mm

Features	Benefits
<ul style="list-style-type: none"><li>Full Bridge Rectification Block</li><li>Low RDS(on)</li><li>Low Profile UDFN 4x4x0.55mm Package</li><li>Lead Free and Halide Free</li></ul>	<ul style="list-style-type: none"><li>Up of 3.2A of Operation</li><li>Minimize Conduction Losses</li><li>Ideal for Space-Constraint Environments</li><li>RoHS Compliant</li></ul>

Applications	End Products
<ul style="list-style-type: none"><li>AC-DC Rectifications for Wireless Charging</li></ul>	<ul style="list-style-type: none"><li>Wireless Chargers</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)	Package Type
NMLU1210TWG	Pb-free Halide free	Active	N-Channel	Dual	30	20	2.2	4	1.2		28	17			8.8		476	175	91	UDFN-8

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

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