



Product Overview

NVLJD4007NZ: Power MOSFET 30V, 245mA, 7 Ohm, Dual N-Channel, WDFN6 with ESD Protection, Logic Level.

For complete documentation, see the data sheet

Product Description

Automotive Power MOSFET. 30V 245mA 7 Ohm Dual N-Channel WDFN6 with ESD Protection, Logic Level. AEC-Q101 Qualified MOSFET and PPAP capable suitable for automotive applications.

Features	Benefits
<ul style="list-style-type: none">Low Gate ChargeSmall 2x2 mm FootprintESD Protected GateAEC-Q101 Qualified and PPAP CapableThese Devices are Pb-Free and are RoHS CompliantOptimized layout for excellent high speed signal integrity	<ul style="list-style-type: none">Fast Switching

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS(BR)Min}$ (V)	V_{GSMax} (V)	$V_{GS(th)Max}$ (V)	I_{DMax} (A)	P_{DMax} (W)	$r_{DS(on)Max @ V_{GS}=2.5V(m)}$	$r_{DS(on)Max @ V_{GS}=4.5V(m)}$	$r_{DS(on)Max @ V_{GS}=10V(m)}$	$Q_g Typ @ V_{GS}=4.5V(nC)$	$Q_g Typ @ V_{GS}=10V(nC)$	$Q_{gd} Typ @ V_{GS}=4.5V(nC)$	$Q_{rr} Typ (nC)$	$C_{iss} Typ (pF)$	$C_{oss} Typ (pF)$	$C_{rss} Typ (pF)$	Packaging Type
NVLJD4007NZTAG	AEC Qualified PPAP Capable Pb-free Halide free	Active	N-Channel	Dual	30	20	1.5	0.245	0.755	7500	7000		0.75		0.2		12.2	10	3.3	WDFN-6
NVLJD4007NZTBG	AEC Qualified PPAP Capable Pb-free Halide free	Active	N-Channel	Dual	30	20	1.5	0.245	0.755	7500	7000		0.75		0.2		12.2	10	3.3	WDFN-6

For more information please contact your local sales support at www.onsemi.com

Created on: 7/11/2015