



Product Overview

NDD03N80Z: Power MOSFET 800V 2.9A 4.5 Ohm Single N-Channel DPAK

For complete documentation, see the data sheet

Product Description

Power MOSFET 800V 2.9A 4.5 Ohm Single N-Channel DPAK

FeaturesBenefits

- ESD diode-protected gate
- 100% Avalanche Tested
- This Device is PbFree, Halogen Free/BFR Free and RoHS Compliant
- 100% Rg Tested
- ESD resistance

Applications

- LED Lighting

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS(sat)}^{(BR)}$ Min (V)	$V_{GS}^{(Ma)}$ x (V)	$V_{GS}^{(th)}$ Max (V)	$I_D^{(Ma)}$ x (A)	$P_D^{(Ma)}$ x (W)	$r_{DS(on)}^{(Ma)}$ x @ $V_{GS} = 2.5V$ (m)	$r_{DS(on)}^{(Ma)}$ x @ $V_{GS} = 4.5V$ (m)	$r_{DS(on)}^{(Ma)}$ x @ $V_{GS} = 10V$ (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)	Package Type
NDD03N80Z-1G	<div>Pb-free</div> <div>Halide free</div>	Active	N-Channel	Single	800	30	4.5	2.9	96			4500		17	9.1	1.3	440	52	9	IPAK-4
NDD03N80ZT4G	<div>Pb-free</div> <div>Halide free</div>	Active	N-Channel	Single	800	30	4.5	2.9	96			4500		17	9.1	1.3	440	52	9	DPAK-3

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

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