



Product Overview

NDF06N60Z: Power MOSFET 600V 7.1A 1.2 Ohm Single N-Channel TO-220FP

For complete documentation, see the data sheet

Product Description

Power MOSFET 600V 1.2 Ohm Single N-Channel

Features	Benefits
<ul style="list-style-type: none">Low ON ResistanceLow Gate ChargeESD diode-protected gate100% Avalanche TestedThis Device is Pb-Free, Halogen Free/BFR Free and RoHS Compliant	<ul style="list-style-type: none">Improves efficiencyFaster turn-onESD resistance

Applications	End Products
<ul style="list-style-type: none">Adapter (Notebook, Printer, Gaming)LCD Panel PowerLighting Ballasts	<ul style="list-style-type: none">SMPS

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	V_{DS} Min (V)	V_{GS} Max (V)	$V_{GS(th)}$ Max (V)	I_D Max (A)	P_D Max (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)	Package Type
NDF06N60ZH	Pb-free Halide free	Active	N-Channel	Single	600	30	4.5	7.1	35			1200		31	17	2	923	106	23	TO-220 FU LLP AK-3

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

Created on: 7/11/2015