



Product Overview

NTD25P03L: Power MOSFET -30V -25A 72 mOhm Single P-Channel DPAK Logic Level

For complete documentation, see the data sheet

Product Description

Designed for low voltage, high speed switching applications and to withstand high energy in the avalanche and commutation modes. The source-to-drain diode recovery time is comparable to a discrete fast recovery diode.

Features

- Pb-Free Packages are Available

Applications

- PWM Motor Controls, Power Supplies, Converters, Bridge Circuits

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	V_{DS}^{BR} 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
NTD25P03LT4G	Pb-free Halide free	Active	P-Channel	Single	30	15	2	25	75		72		15				900	290	105	DPAK-3

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

Created on: 7/11/2015