Product Overview

NJD35N04: 4.0 A, 350 V NPN Darlington Bipolar Power Transistor

For complete documentation, see the data sheet

Product Description

This high voltage, bipolar power Darlington transistor has been specifically designed for inductive applications such as Electronic Ignition, Switching Regulators and Motor Control.

Features

- Exceptional Safe Operating Area
- High VCE
- High Current Gain
- NJV Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC-Q101 Qualified and PPAP Capable
- These are PbFree Devices

Benefits

- Reliable Performance at Higher Powers
- Designed for Inductive Loads
- Very Low Current Requirements

Applications

- Switching Regulators
- Motor Controls
- Electronic Ignition
- Light Ballast
- Photo Flash

End Products

- 2 & 4 cycle engines

Part Electrical Specifications

Product	Compliance	Status	Polarity	I_C Continuous (A)	$V_{(BR)CEO}$ Min (V)	$V_{CE(sat)}$ Max (V)	h_{FE} Min (k)	h_{FE} Max (k)	f_T Min (MHz)	Package Type
NJD35N04G	AEC Qualified Pb-free Halide free	Active	NPN	4	350	1.5	2	-	90	DPAK-3
NJD35N04T4G	Pb-free Halide free	Active	NPN	4	350	1.5	2	-	90	DPAK-3
NJVNJD35N04G	AEC Qualified PPAP Capable Pb-free Halide free	Active	NPN	4	350	1.5	2	-	90	DPAK-3
NJVNJD35N04T4G	AEC Qualified PPAP Capable Pb-free Halide free	Active	NPN	4	350	1.5	2	-	90	DPAK-3

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

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