

Product Overview

NJT4030P: Bipolar Power Transistors, PNP, 3.0 A, 40 V

For complete documentation, see the data sheet.

The combination of low saturation voltage and high gain makes this bipolar power transistor an ideal device for high speed switching applications where power saving is a concern.

Features

- Low Collector-Emitter Saturation Voltage
- High DC Current Gain
- High Current-Gain Bandwidth Product
- NJV Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AECQ101 Qualified and PPAP Capable
- These Devices are PbFree, Halogen Free/BFR Free and are RoHS Compliant

Benefits

- Minimized power loss
- Very low current requirements
- Ideal for high frequency designs

Applications

- Voltage regulation
- Power management for portable devices
- Switching regulator
- Inductive load driver

End Products

- Battery chargers
- Portable devices
- Computing products

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Polarity	Type	$V_{CE(sat) Max}$ (V)	I_C Cont. (A)	$V_{CEO Min}$ (V)	V_{CBO} (V)	V_{EBO} (V)	$V_{BE(sat)}$ (V)	$V_{BE(on)}$ (V)	$h_{FE Min}$	$h_{FE Max}$	f_T Min (MHz)	$P_{TM Max}$ (W)	Package Type
NJT4030PT1G	0.1133	Pb-free Halide free	Active	PNP	General Purpose	0.5	3	40	40	6	1	1	200	400	100	2	SOT-223-4 / TO-261-4D
NJT4030PT3G	0.1133	Pb-free Halide free	Active	PNP	General Purpose	0.5	3	40	40	6	1	1	200	400	100	2	SOT-223-4 / TO-261-4D
NJV4030PT1G	0.1315	AEC Qualified PPAP Capable Pb-free Halide free	Active	PNP	General Purpose	0.5	3	40	40	6	1	1	200	400	100	2	SOT-223-4 / TO-261-4D
NJV4030PT3G	0.1315	AEC Qualified PPAP Capable Pb-free Halide free	Active	PNP	General Purpose	0.5	3	40	40	6	1	1	200	400	100	2	SOT-223-4 / TO-261-4D

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

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