



## Product Overview

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

For complete documentation, see the data sheet

#### Product Description

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	Benefits
<ul style="list-style-type: none"> <li>Low Collector-Emitter Saturation Voltage</li> <li>High DC Current Gain</li> <li>High Current-Gain Bandwidth Product</li> <li>NJV Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AECQ101 Qualified and PPAP Capable</li> <li>These Devices are PbFree, Halogen Free/BFR Free and are RoHS Compliant</li> </ul>	<ul style="list-style-type: none"> <li>Minimized power loss</li> <li>Very low current requirements</li> <li>Ideal for high frequency designs</li> </ul>

Applications	End Products
<ul style="list-style-type: none"> <li>Voltage regulation</li> <li>Power management for portable devices</li> <li>Switching regulator</li> <li>Inductive load driver</li> </ul>	<ul style="list-style-type: none"> <li>Battery chargers</li> <li>Portable devices</li> <li>Computing products</li> </ul>

#### Part Electrical Specifications

Product	Compliance	Status	Polarity	I <sub>C</sub> Continuous (A)	V <sub>(BR)CEO</sub> Min (V)	h <sub>FE</sub> Min	h <sub>FE</sub> Max	f <sub>T</sub> Min (MHz)	P <sub>TM</sub> Max (W)	Package Type
NJT4030PT1G	AEC Qualified Pb-free Halide free	Active	PNP	3	40	200	400	100	2	SOT-223-4 / TO-261-4
NJT4030PT3G	AEC Qualified Pb-free Halide free	Active	PNP	3	40	200	400	100	2	SOT-223-4 / TO-261-4
NJV4030PT1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	PNP	3	40	200	400	100	2	SOT-223-4 / TO-261-4
NJV4030PT3G	AEC Qualified PPAP Capable Pb-free Halide free	Active	PNP	3	40	200	400	100	2	SOT-223-4 / TO-261-4

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