



## Product Overview

### 2SC5706: Bipolar Transistor, 50V, 5A, Low VCE(sat), (PNP)NPN Single TP/TP-FA

For complete documentation, see the data sheet

#### Product Description

2SC5706 is Bipolar Transistor, 50V, 5A, Low VCE(sat), (PNP)NPN Single TP/TP-FA for High-Current Switching Applications.

#### Features

- Adoption of FBET and MBIT processes
- Large current capacitance
- Low collector-to-emitter saturation voltage
- High-speed switching
- High allowable power dissipation

#### Applications

- DC-DC converter, Relay drivers, Lamp drivers, Motor drivers, Flash

#### 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
2SC5706-E	Pb-free	Active	NPN	5	100	200	560	-	0.8	IPAK / TP
2SC5706-H	Pb-free Halide free	Active	NPN	5	100	200	560	-	0.8	IPAK / TP
2SC5706-TL-E	Pb-free	Active	NPN	5	100	200	560	-	0.8	DPAK / TP-FA
2SC5706-TL-H	Pb-free Halide free	Active	NPN	5	100	200	560	-	0.8	DPAK / TP-FA

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

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