

## Product Overview

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

For complete documentation, see the data sheet.

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	Pricing (\$/Unit)	Compliance	Status	Polarity	Type	V <sub>CE(sat)</sub> Max (V)	I <sub>C</sub> Cont. (A)	V <sub>CEO</sub> Min (V)	V <sub>CBO</sub> (V)	V <sub>EBO</sub> (V)	V <sub>BE(sat)</sub> (V)	V <sub>BE(on)</sub> (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	0.2881	Pb-free non AEC-Q and PPAP	Active	NPN	Low V <sub>CE(sat)</sub>	0.135	5	100	100	6	0.89	-	200	560	-	0.8	IPAK / TP
2SC5706-TL-E	0.2891	Pb-free non AEC-Q and PPAP	Active	NPN	Low V <sub>CE(sat)</sub>	0.135	5	100	100	6	0.89	-	200	560	-	0.8	DPAK-3 / TO-252-3

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

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