



## Product Overview

### 2SD1802: Bipolar Transistor, 50V, 3A, Low VCE(sat) NPN Single TP/TP-FA

For complete documentation, see the [data sheet](#)

#### Product Description

2SB1202/2SD1802 is Bipolar Transistor (-)50V (-)5A VCE(sat);(-0.7)0.5mV max. (PNP)NPN Single TP for High-Current Switching Applications

#### Features

- Low collector-to-emitter saturation voltage
- Fast switching speed
- Large current capacitance and wide ASO
- adoption of FBET and MBIT process
- Small and slim package making it easy to make 2SB1202/2SD1802 used sets smaller

#### Applications

- Various drivers(relay,lamp,motor,etc.)

#### 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
2SD1802S-E	Pb-free	Active	NPN	5	50	140	280	-	1	IPAK / TP
2SD1802S-TL-E	Pb-free	Active	NPN	5	50	140	280	-	1	DPAK / TP-FA
2SD1802T-E	Pb-free	Active	NPN	5	50	200	400	-	1	IPAK / TP
2SD1802T-TL-E	Pb-free	Active	NPN	5	50	200	400	-	1	DPAK / TP-FA

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

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