

Product Overview

2SD1801: Bipolar Transistor, 50V, 2A, Low VCE(sat), (PNP)NPN Single TP/TP-FA

For complete documentation, see the data sheet.

2SD1801 is a Bipolar Transistor, 50V, 2A, Low VCE(sat), (PNP)NPN Single TP/TP-FA for High-Current Switching Application.

Features

- Adoption of FBET, MBIT processes
- Large current capacitance and wide ASO
- Low collector-to-emitter saturation voltage
- Fast switching speed
- Small and slim package making it easy to make 2SB1201/2SD1801-used sets smaller

Applications

- Voltage regulators, relay drivers, lamp drivers, electrical equipment

Part Electrical Specifications

Product	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
2SD1801S-E	Pb-free	Active	NPN	Low $V_{CE(sat)}$	0.4	2	50	60	6	0.9	-	140	280	-	0.8	IPAK / TP
2SD1801S-TL-E	Pb-free	Active	NPN	Low $V_{CE(sat)}$	0.4	2	50	60	6	0.9	-	140	280	-	0.8	DPA K-3 / TO- 252-3

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

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