

Product Overview

2SD1628: Bipolar Transistor, 20V, 5A, Low VCE(sat), NPN Single PCP

For complete documentation, see the data sheet.

2SD1628 is Bipolar Transistor, 20V, 5A, Low VCE(sat), NPN Single PCP for High-Current Switching Applications.

Features

- Low saturation voltage
- High hFE
- Large current capacity
- Very small size making it easy to provide highdensity, small-sized hybrid ICs
- Halogen free compliance

Applications

- Strobe DC-DC converters, relay drivers, hammer drivers, lamp drivers, motor drovers

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
2SD1628F-TD-E	Pb-free	Active	NPN	Low $V_{CE(sat)}$	0.5	5	20	60	6	1.5	-	160	320	120	0.5	SOT-89 / PCP-1
2SD1628G-TD-E	Pb-free	Active	NPN	Low $V_{CE(sat)}$	0.5	5	20	60	6	1.5	-	280	560	120	0.5	SOT-89 / PCP-1
2SD1628G-TD-H	Pb-free Halide free	Active	NPN	Low $V_{CE(sat)}$	0.5	5	20	60	6	1.5	-	280	560	120	0.5	SOT-89 / PCP-1

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

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