

Product Overview

2SA2222SG: Bipolar Transistor, -50V, -10A, Low VCE(sat), PNP TO-220F-3FS

For complete documentation, see the data sheet.

2SA2222SG is Bipolar Transistor, -50V, -10A, Low VCE(sat), PNP TO-220F-3FS for High-Current Switching Applications.

Features

- Adoption of MBIT process
- Large current capacity ($I_C = -10A$)
- Low collector-to-emitter saturation voltage ($V_{CE(sat)} = -250mV$ (typ))
- High-speed switching ($t_f = 22ns$ (typ))

Applications

- Relay Drivers
- Lamp Drivers
- Motor Drivers

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
2SA2222SG	Pb-free	Active	PNP	Low $V_{CE(sat)}$	0.5	10	50	50	6	1.2	-	150	450	230	25	TO-220-3 FullPack

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

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