

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 (IC=-10A)
- Low collector-to-emitter saturation voltage (VCE(sat)=-250mV(typ))
- High-speed switching (tf=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 FullPak |

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

Created on: 2/15/2019