

Product Overview

FJY3004R: NPN Epitaxial Silicon Transistor with Bias Resistor

For complete documentation, see the data sheet.

Transistors with built-in resistors can be excellent space- and cost-saving solutions by reducing component count and simplifying circuit design.

Features

- 100 mA Output Current Capability
- Built-in Bias Resistor ($R_1=47K\Omega$, $R_2=47K\Omega$)

Applications

- This product is general usage and suitable for many different applications.

Part Electrical Specifications

| Product | Compliance | Status | Polarity | I_C Continuous (A) | $V_{(BR)CEO}$ Min (V) | h_{FE} Min | R1 (k Ω) | R2 (k Ω) | R1/R2 Typ | $V_{i(off)}$ Max (V) | $V_{i(on)}$ Min (V) | Package Type |
|----------|------------------------|--------|----------|----------------------|-----------------------|--------------|------------------|------------------|-----------|----------------------|---------------------|--------------|
| FJY3004R | Pb-free Halide free | Active | NPN | 0.1 | 50 | 56 | 47 | 47 | 1 | 0.5 | 3 | SOT-523FL |

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

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