



Product Overview

MMBT4401L: NPN Bipolar Transistor

For complete documentation, see the data sheet

Product Description

The NPN Bipolar Transistor is designed for use in linear and switching applications. The device is housed in the SOT-23 package, which is designed for lower power surface mount applications.

Features

- Low $r_{DS(on)}$ Provides Higher Efficiency and Extends Battery Life
- Miniature SOT-23 Surface Mount Package Saves Board Space
- Pb-Free Packages are Available
- S Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC-Q101 Qualified and PPAP Capable

Part Electrical Specifications

| Product | Compliance | Status | Polarity | I_C Continuous (A) | $V_{(BR)CEO}$ Min (V) | h_{FE} Min | h_{FE} Max | f_T Min (MHz) | P_{TM} Max (W) | Package Type |
|---------------|---|--------|----------|----------------------|-----------------------|--------------|--------------|-----------------|------------------|--------------|
| MMBT4401LT1G | AEC Qualified Pb-free Halide free | NEW | NPN | 0.6 | 40 | 100 | 300 | 250 | 0.225 | SOT-23-3 |
| MMBT4401LT3G | AEC Qualified Pb-free Halide free | Active | NPN | 0.6 | 40 | 100 | 300 | 250 | 0.225 | SOT-23-3 |
| SMMBT4401LT1G | AEC Qualified PPAP Capable Pb-free Halide free | Active | NPN | 0.6 | 40 | 100 | 300 | 250 | 0.225 | SOT-23-3 |

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

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