













MMBT2222AL

NPN

NPNSOT-23

- 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

| | Pricing (\$/Unit) | Compliance | Status | Polarity | Type | $V_{CE(sat) Max}$ (V) | I_C Cont. (A) | $V_{CE0 Min}$ (V) | V_{CBO} (V) | V_{EBO} (V) | $V_{BE(sat)}$ (V) | $V_{BE(0)}$ (V) | $h_{FE Min}$ | $h_{FE Max}$ | f_T Min (MHz) | $P_{TM Max}$ (W) | Package Type |
|----------------|-------------------|--|--------|----------|-----------------|-----------------------|-----------------|-------------------|---------------|---------------|-------------------|-----------------|--------------|--------------|-----------------|------------------|--------------|
| MMBT2222ALT1G | 0.0135 |   | Active | NPN | General Purpose | 1 | 0.6 | 40 | 75 | 6 | 2 | - | 100 | 300 | 300 | 0.225 | SOT-23-3 |
| MMBT2222ALT3G | 0.0135 |   | Active | NPN | General Purpose | 1 | 0.6 | 40 | 75 | 6 | 2 | - | 100 | 300 | 300 | 0.225 | SOT-23-3 |
| SMMBT2222ALT1G | 0.0269 |     | Active | NPN | General Purpose | 1 | 0.6 | 40 | 75 | 6 | 2 | - | 100 | 300 | 300 | 0.225 | SOT-23-3 |
| SMMBT2222ALT3G | 0.0269 |     | Active | NPN | General Purpose | 1 | 0.6 | 40 | 75 | 6 | 2 | - | 100 | 300 | 300 | 0.225 | SOT-23-3 |