

## **The Data Book Project**

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# FOR USE BY ELECTRICIANS OVERSEAS :

**最新トランジスタ規格表** (New Transistor Manual) lists all the transistors registered with the Electronic Industries Association of Japan (EIAJ), arranged in a manner easy to look up. We hope that you will make full use of the data provided in this manual by referring to the Japanese-English translation key given below.

| 型名 | 社名 | 用途 | 構造 | 最大定格 (T <sub>b</sub> =25°C) |                         |                        |                        |                        | 電気的特性 (T <sub>b</sub> =25°C) |                        |   |      |   |                 |   |  |  |   | 外形 | 備考 |
|----|----|----|----|-----------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------------|------------------------|---|------|---|-----------------|---|--|--|---|----|----|
|    |    |    |    | V <sub>ceo</sub><br>(V)     | V <sub>ceo</sub><br>(V) | I <sub>c</sub><br>(mA) | P <sub>c</sub><br>(mW) | T <sub>j</sub><br>(°C) | I <sub>ceo</sub> 最大値<br>(μA) | 直流又はパルスI <sub>BE</sub> |   | バイアス |   | h <sub>FE</sub> | h <sub>FE</sub><br>h <sub>FE</sub> *<br>(Ω) | h <sub>FE</sub><br>h <sub>FE</sub> *<br>(×10 <sup>-4</sup> ) | h <sub>FE</sub><br>h <sub>FE</sub> *<br>(μS) | f <sub>αb</sub><br>f <sub>r</sub> *<br>(Mc) |    |    |
| 1  | 2  | 3  | 4  | 5                           |                         |                        |                        |                        | 6                            |                        | 7 |      | 8 |                 |   |  | 9  | 10  | 11 | 12 |

- 1 TYPE NUMBER
- 2 ORIGINAL MANUFACTURER
- 3 USES
- 4 MATERIAL AND STRUCTURE
- 5 MAXIMUM RATINGS
- 6 I<sub>CBO</sub> MAXIMUM VALUE AND V<sub>CB</sub> VALUE (CRITERIA FOR MEASURING I<sub>CBO</sub>)
- 7 STANDARD VALUE OF DC/PULSE h<sub>FE</sub> AND V<sub>CE</sub>, I<sub>C</sub> (CRITERIA FOR MEASURING DC/PULSE h<sub>FE</sub>)
- 8 STANDARD VALUE OF h PARAMETERS AND BIAS V<sub>CB</sub>, I<sub>E</sub> (CRITERIA FOR MEASURING h PARAMETERS)

- \* INDICATES VALUE IN GROUNDED-BASE OPERATION, OTHERWISE VALUE IN EMITTER-GROUNDED OPERATION.
- 9 f<sub>αb</sub> OF RF CHARACTERISTIC, EXCEPT IN CASE OF \* WHICH INDICATES VALUE OF f<sub>r</sub>.
- 10 C<sub>ob</sub> AND r<sub>bb'</sub> OF RF CHARACTERISTICS EXCEPT IN CASE OF \* IN r<sub>bb'</sub> COLUMN WHICH INDICATES VALUE OF h<sub>ie</sub> (real)
- 11 OUTLINE
- 12 REMARKS
- :とコンプリ: COMPLEMENTARY TO .....

