

## **The Data Book Project**

DatasheetArchive.com has launched an ambitious effort to digitize thousands of obsolete data books and technical manuals, making them searchable via the DatasheetArchive website.

**Scroll down to see the scanned document.**

# 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 ( $T_c=25^\circ\text{C}$ ) |                  |               |               |                               | 電気的特性 ( $T_c=25^\circ\text{C}$ )  |                  |   |      |   |          |  |  |   |  | 外形 | 備考 |                  |
|----|----|----|----|---------------------------------|------------------|---------------|---------------|-------------------------------|-----------------------------------|------------------|---|------|---|----------|--|--|---|--|----|----|------------------|
|    |    |    |    | $V_{ce0}$<br>(V)                | $V_{be0}$<br>(V) | $I_c$<br>(mA) | $P_c$<br>(mW) | $T_c$<br>( $^\circ\text{C}$ ) | $I_{c0}$ 最大値<br>( $\mu\text{A}$ ) | 直流又はパルス $h_{FE}$ |   | バイアス |   | $h_{FE}$ | $h_{ie}$<br>$h_{ie}^*$<br>( $\Omega$ ) | $h_{re}$<br>$h_{re}^*$<br>( $\times 10^{-4}$ ) | $h_{oe}$<br>$h_{oe}^*$<br>( $\mu\text{S}$ ) | $f_{\alpha b}$<br>$f_{\alpha b}^*$<br>(Mc) |    |    | $C_{ob}$<br>(pF) |
| 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  $I_{CBO}$  MAXIMUM VALUE AND  $V_{CB}$  VALUE (CRITERIA FOR MEASURING  $I_{CBO}$ )
- 7 STANDARD VALUE OF DC/PULSE  $h_{FE}$  AND  $V_{CE}$ ,  $I_C$  (CRITERIA FOR MEASURING DC/PULSE  $h_{FE}$ )
- 8 STANDARD VALUE OF  $h$  PARAMETERS AND BIAS  $V_{CB}$ ,  $I_E$  (CRITERIA FOR MEASURING  $h$  PARAMETERS)

- \* INDICATES VALUE IN GROUNDED-BASE OPERATION, OTHERWISE VALUE IN EMITTER-GROUNDED OPERATION.
  - 9  $f_{\alpha b}$  OF RF CHARACTERISTIC, EXCEPT IN CASE OF \* WHICH INDICATES VALUE OF  $f_T$ .
  - 10  $C_{ob}$  AND  $r_{bb'}$  OF RF CHARACTERISTICS EXCEPT IN CASE OF \* IN  $r_{bb'}$  COLUMN WHICH INDICATES VALUE OF  $h_{ie}$  (real)
  - 11 OUTLINE
  - 12 REMARKS
- :とコンプリ: COMPLEMENTARY TO .....

