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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 _b =25°C) | | | | | 電 気 的 特 性 (T _b =25°C) | | | | | | | | | | 外 形 | 備 考 |
|----|----|----|----|-----------------------------|-------------------------|------------------------|------------------------|------------------------|----------------------------------|------------------------|---|------|---|-----------------|---|--|--|---|-----|-----|
| | | | | V _{ceo} (V) | V _{ceo} (V) | I _c (mA) | P _c (mW) | T _j (°C) | I _{ceo} 最大値 (μA) | 直流又はパルスI _{BE} | | バイアス | | h _{FE} | h _{ie} h _{ie} * (Ω) | h _{re} h _{re} * (×10 ⁻⁴) | h _{oe} h _{oe} * (μS) | f _{αb} f _r * (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_{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_{αb} OF RF CHARACTERISTIC, EXCEPT IN CASE OF * WHICH INDICATES VALUE OF f_r.
 - 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

| 型名 | 社名 | 用途 | 構造 | 最大定格 (T _a = 25°C) | | | | | 電 気 的 特 性 (T _a = 25°C) | | | | | | | | | | | 外形 | 備考 | | |
|----------|-----|--------------------|-------|------------------------------|-------------------------|------------------------|---------------------------------|------------------------|-----------------------------------|---------------------|---------------------|-------------------------|-----|---------------------|---------------------|-----------------|--|-------------------|-------------------|------|--|--|--------------------------|
| | | | | V _{CEO} (V) | V _{EB0} (V) | I _C (mA) | P _C (mW) | T _J (°C) | I _{CEO} 最大値 (μA) | V _{CE} (V) | I _C (mA) | 直流又はパルス h _{FE} | β | V _{CE} (V) | I _E (mA) | h _{FE} | h _{FE} * | h _{FE} * | h _{FE} * | | | h _{FE} * | f _T * (Mc) |
| 2SC710 | 三菱 | RF.Conv.Mix Osc | Si,EP | 30 | 4 | 30 | 200 | 125 | 1 | 25 | 90 | 6 | 1 | 6 | -1 | | 200* | | 200* | 2 | | 138B | |
| " 711 | " | RF.AF | " | 30 | 4 | 100 | 200 | 125 | 0.1 | 25 | 250 | 6 | 1 | 6 | -1 | | 8500 | 0.6 | 40 | 150* | 2.5 | C _e F _β * 200pS | 138B |
| " 712 | " | AF | " | 30 | 4 | 100 | 200 | 125 | 1 | 25 | 90 | 6 | 10 | 6 | -1 | | 2500 | 0.4 | 15 | 150* | 2.5 | C _e F _β * 150pS | 138B |
| ★ " 712A | " | " | " | 30 | 4 | 100 | 200 | 125 | 1 | 25 | 75 | 6 | 10 | 6 | -1 | 80 | 2500 | 0.4 | 15 | 180* | 2.5 | C _e F _β * 150pS | 138B |
| ★ " 713 | " | SW | " | 30 | 4 | 100 | 200 | 125 | 0.1 | 25 | 90 | 6 | 10 | | | | t _{on} < 60nS, t _{off} < 150nS t _{stg} < 120nS | | 150* | 2.5 | | 138B | |
| ★ " 714 | " | " | " | 70 | 5 | 200 | 250 | 125 | 0.1 | 25 | 60 | 6 | 10 | 6 | -10 | | t _{on} < 40nS, t _{off} < 250nS t _{stg} < 150nS | | 200* | 7 | | 138B | |
| ★ " 715 | 三洋 | RF.V | " | 40 | 5 | 100 | 120 | 125 | 1 | 35 | 180 | 6 | 1 | 6 | -1 | | 3500 | 0.8 | | 140* | 4 | C _e F _β * 250pS | 27 |
| ★ " 716 | " | " | " | 20 | 5 | 100 | 100 | 125 | 1 | 15 | 180 | 6 | 1 | 6 | -1 | | 3500 | 0.8 | 13 | 140* | 4 | C _e F _β * 250pS | 27 |
| ★ " 717 | 日立 | RF.Conv.Mix Osc | " | 30 | 2 | 50 | 200 | 125 | 0.5 | 10 | >40 | 10 | 10 | 6 | -1 | 40 | PG = 18dB (f = 200Mc) | | 1100* | 1.2 | C _e F _β * 10pS | 37 | |
| " 718 | 富士通 | SW | " | 20 | 4 | 200 | 300 | 175 | 0.4 | 15 | 60 | 1 | 10 | 10 | -10 | | t _r = 4 nS, t _f = 9 nS t _s = 6 nS | | 800* | 2 | | 49C | |
| " 719 | " | " | " | 20 | 4 | 200 | 200 | 175 | 0.4 | 15 | 60 | 1 | 10 | 10 | -10 | | t _r = 4 nS, t _f = 9 nS t _s = 6 nS | | 800* | 2 | | 46C | |
| ★ " 720 | " | RF | Si.P | 25 | 3 | 20 | 200 | 175 | 0.05 | 6 | | | | 6 | -2 | 100 | PG = 30dB (= 45Mc) | | 500* | 1.2 | 80* | 50C | フワード AGC |
| ★ " 721 | " | " | " | 25 | 3 | 20 | 200 | 120 | 0.05 | 6 | | | | 6 | -2 | 100 | PG = 30dB (f = 45Mc) | | 500* | 1.4 | 80* | 30 | フワード AGC |
| ★ " 722 | " | RF.Conv.Mix Osc | Si,EP | 20 | | 25 | 200 | 125 | 0.5 | 12 | | | | 6 | -2 | 80 | | | 700* | 1.5 | 80* | 30 | |
| ★ " 723 | " | " | Si.P | 20 | | 25 | 200 | 125 | 1 | 12 | | | | 6 | -2 | 60 | | | 500* | 1.5 | 80* | 30 | |
| " 724 | " | RF.SW | Si,EP | 30 | 5 | 200 | 200 | 125 | 0.05 | 10 | 60 | 1 | 10 | 6 | -2 | 70 | t _r < 20nS, t _f < 50nS t _s < 250nS | | 250* | 4 | 80* | 138 | |
| " 725 | " | " | " | 60 | 5 | 200 | 200 | 125 | 0.05 | 10 | 60 | 1 | 10 | 6 | -2 | 70 | t _r < 20nS, t _f < 50nS t _s < 250nS | | 250* | 4 | 80* | 138 | |
| ★ " 726 | " | SW | " | 20 | 4 | 200 | 200 | 125 | 1 | 15 | 60 | 1 | 10 | | -2 | | t _r = 4 nS, t _f = 9 nS t _s = 6 nS | | | | | 30 | |
| " 727 | " | RF.AF.SW | Si.T | 100 | 3 | 100 | 350 | 175 | 1 | 30 | 90 | 4 | 10 | 6 | -2 | 60 | 1200 | 1 | 12 | 20* | 9 | 40 | 49C |
| " 728 | " | " | " | 200 | 6 | 100 | 350 | 175 | 1 | 30 | 90 | 4 | 10 | 6 | -2 | 60 | 1200 | 1 | 12 | 20* | 10 | 40* | 49C |
| ★ " 729 | 日電 | RF | Si.E | 50 | 5 | 200 | 600 | 175 | 0.5 | 30 | | | | 10 | -10 | 60 | | | 250* | 4 | 40 | 84B | |
| " 730 | 三菱 | PA | Si,EP | 40 | 4 | 400 | 1.03W | 175 | 10 | 15 | 50 | 10 | 100 | | | | P _o = 1.5W (f = 150Mc, V _{CE} = 13.5V, P _i = 0.1W) | | | | | 84B | |
| " 731 | 松下 | " | " | 40 | 4 | 500 | 2.5W (T _c = 25°C) | 175 | 1 | 20 | 70 | 13.5 | 100 | | | | P _o = 1.2W (f = 50MHz, V _{CE} = 13.5V, P _i = 0.3W) | | | | | 84B | |
| ★ " 732 | 東芝 | LN | Si.E | 60 | 5 | 150 | 400 | 125 | 0.1 | 60 | 200-700 | 6 | 2 | 6 | -1 | | | | 150* | 2 | | 138 | |
| " 733 | " | RF | " | 35 | 5 | 100 | 300 | 125 | 0.1 | 18 | 70-700 | 6 | 2 | 6 | -1 | | | | >80* | 7 | C _e F _β * 150pS | 33 | |
| ★ " 734 | " | " | " | 70 | 5 | 150 | 300 | 125 | 0.1 | 18 | 70-400 | 1 | 20 | 6 | -10 | | | | 150* | 5 | 15 | 33 | 2SA561 とコンブリ |
| ★ " 735 | " | " | " | 35 | 5 | 400 | 300 | 125 | 0.1 | 18 | 70-400 | 1 | 100 | 5 | -50 | | | | 300* | 7 | C _e F _β * 150pS | 33 | 2SA562 とコンブリ |
| ★ " 736 | 日電 | SW | " | 135 | 5 | 5 A | 50 W (T _c = 25°C) | 175 | 500 | 60 | 60 | 10 | 1 A | | | | t _{on} < 2 μS, t _{off} < 4 μS t _{stg} = 3 μS | | | | | 102 | |
| " 737 | 三菱 | PA | Si,EP | 60 | 5 | 1.5A | 17 W (T _c = 25°C) | 175 | 500 | 30 | 50 | 10 | 100 | | | | P _o = 14W (f = 150MHz, V _{CE} = 25V, P _m = 1.9W) | | | | | 113 | |
| " 738 | " | RF Conv. Osc | " | 25 | 4 | 20 | 150 | 125 | 1 | 12 | 55-180 | 6 | 1 | 6 | -1 | | | | 440* | 1.5 | C _e F _β * 30pS | 138B | |