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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)			C _{ob} (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_{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 _{CEO} (V)	I _C (mA)	P _C (mW)	T _J (°C)	I _{CBO} 最大値		直流又はパルス h _{FE}		バイアス		h _{FE}	h _{FE} h _{FE} * (Ω)	h _{FE} h _{FE} * (×10 ⁻⁴)	h _{FE} h _{FE} * (μT)			f _{ab} f _T * (Mc)	C _{ob} (pF)	r _{bb'} r _{bb'} (real)* (Ω)	
									(μA)	V _{CB} (V)	V _{CE} (V)	I _C (mA)	V _{CB} (V)	I _E (mA)										
2SC2802	日電	PA	Si.T	300	5	200	10W (T _c =25°C)	150	0.1	200	40-250	10	10	30	-10				80*	< 3		185		
# 2803																								
# 2804																								
# 2805																								
# 2806																								
# 2807																								
# 2808																								
# 2809	サンケン	PA	Si.TMe	300	6	2 A	50W (T _c =25°C)	150	1 mA	300	80	4	300	10	-100					20*	45	14	324	
# 2810																								
# 2811	日電	Osc.	Si.E	45	4	1 A	17.5W (T _c =25°C)	200	150	30	60	10	500	10	-300	P _{tot} = 1.4W (f = 950MHz × 2, V _{CC} = 18V, I _C = 350mA)			1200*	C _{rc} 6.5		157		
# 2812	三洋	RF	Si.EP	55	5	150	200	125	0.1	35	400	6	1	6	-1					100*	3	C _c P _{ab} 250pS	176	
# 2813	"	"	"	25	3	30	150	125	0.1	10	150	6	1	6	-4					600*	1.1	C _c P _{ab} 18pS	176	
# 2814	"	"	"	30	5	30	150	125	0.1	10	150	6	1	6	-1					320*	1.5	C _c P _{ab} 12pS	176	
# 2815	日立	SW	Si.T	300	7	5 A	40W (T _c =25°C)	150	20	250	40	5	2.5A			t _{on} < 0.5μS, t _f < 0.5μS t _{sig} < 1.5μS						268		
# 2816	"	"	"	500	7	5 A	40W (T _c =25°C)	150	50	400	20	5	2.5A			t _{on} < 0.5μS, t _f < 0.5μS t _{sig} < 1.5μS						268		
# 2817	"	"	"	300	7	10A	80W (T _c =25°C)	150	20	250	40	5	5 A			t _{on} < 0.5μS, t _f < 0.5μS t _{sig} < 1.5μS						332		
# 2818	"	"	"	500	7	10A	100W (T _c =25°C)	150	50	400	20	5	5 A			t _{on} < 0.5μS, t _f < 0.5μS t _{sig} < 1.5μS						332		
# 2819	"	"	"	500	7	15A	100W (T _c =25°C)	150	50	400	20	5	7.5A			t _{on} < 0.5μS, t _f < 0.5μS t _{sig} < 1.5μS						102		
# 2820	"	"	"	400	7	20A	125W (T _c =25°C)	150	50	400	20	5	10A			t _{on} < 1μS, t _f < 1μS t _{sig} < 2.5μS						102		
# 2821	"	RF.AF	Si.E	20	6	50	150	125	1	6	500	1	10	12	-2					200*	1.8	100	176	
# 2822	日電	SW	"	75	6	800	360	200	0.01	60	200	10	150	20	-20	t _{on} < 35nS, t _{off} < 300nS t _{sig} < 280nS			350*	4		49C		
# 2823																								
# 2824	東芝	RF	Si.E	120	5	1 A	15W (T _c =25°C)	150	0.1	120	150	5	100	5	-100					120*	15	3*	342	
# 2825	サンケン	PA	Si.TMe	80	6	6 A	70W (T _c =25°C)	150	100	80	800	4	1 A	10	-500					35*	140	25	324	
# 2826	新電元	SW	Si.T	500	7	3 A	40W (T _c =25°C)	150	100	500	13	2	1.5A			t _{on} < 1μS, t _f < 0.5μS t _{sig} < 2μS						268		
# 2827	"	"	"	500	7	6 A	50W (T _c =25°C)	150	100	500	13	2	3 A			t _{on} < 1μS, t _f < 0.5μS t _{sig} < 2μS						268		
# 2828	"	"	"	500	7	10A	100W (T _c =25°C)	150	100	500	13	2	5 A			t _{on} < 1μS, t _f < 0.5μS t _{sig} < 2μS						197		
# 2829	"	"	"	500	7	10A	100W (T _c =25°C)	150	100	500	13	2	3 A			t _{on} < 1μS, t _f < 0.5μS t _{sig} < 2μS						102		
# 2830	"	"	"	500	7	20A	200W (T _c =25°C)	150	100	500	13	2	10A			t _{on} < 1μS, t _f < 0.5μS t _{sig} < 2μS						202		
# 2831	松下	"	"	800	8	1.5A	25W (T _c =25°C)	150	100	800	> 8	5	1 A			t _{on} < 1μS, t _f < 1μS t _{sig} < 3μS						268		