

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 _b =25°C)					電気的特性 (T _b =25°C)										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 _{FE} h _{FE} * (Ω)	h _{FE} h _{FE} * (×10 ⁻⁴)	h _{FE} h _{FE} * (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 _{CB0} (V)	V _{EB0} (V)	I _C (mA)	P _C (mW)	T _J (°C)	I _{CB0} 最大値		直流又はパルス h _{FE}			バイアス		h _{fb} *	h _{ie} h _{ib} * (Ω)	h _{re} h _{rb} * (×10 ⁻⁴)	h _{oe} h _{ob} * (μS)			f _{cb} f _T * (Mc)	C _{ob} (pF)	r _{bb'} h _{ie} (real)* (Ω)
									(μA)	V _{CB} (V)	V _{CE} (V)	I _C (mA)	V _{CB} (V)	I _E (mA)	t _{on} = 1.5μS, t _{off} = 4.5μS									
2SD867	東芝	PA.SW	Si.T	130	7	10A	100W (T _c =25°C)	175	100	130	50~200	5	1A	5	-1A				3 *	200		102		
" 868	"	SW	Si.TMe	1500	5	2.5A	50W (T _c =25°C)	150	10	500	12	5	500	10	-100				3 *	95		102	水平偏向用	
" 869	"	"	"	1500	5	3.5A	50W (T _c =25°C)	150	10	500	12	5	500	10	-100				3 *	95		102	水平偏向用	
" 870	"	"	"	1500	5	5A	50W (T _c =25°C)	150	10	500	12	5	1A	10	-100				3 *	165		102	水平偏向用	
" 871	"	"	"	1500	5	6A	50W (T _c =25°C)	150	10	500	12	5	1A	10	-100				3 *	165		102	水平偏向用	
* " 872	三菱	SW	Si.TP	500	7	5A	40W (T _c =25°C)	150	30	450	20~45	5	1A									301B		
" 873	東芝	PA.SW	Si.T	160	7	16A	150W (T _c =25°C)	175	100	140	15~60	4	8A	4	-1A				3 *	350		102	2N3773 相当	
" 874	松下	PA	Si.EP	30	5	1A	500	125	0.1	20	160	10	500	10	-50				200 *	20		336	2SB766 とコンパリ	
" 875	"	"	"	80	5	500	500	125	0.1	20	160	10	150	10	-50				120 *	11		336	2SB767 とコンパリ	
" 876	"	"	Si.TP	200	6	1A	40W (T _c =25°C)	150	100	200	500~2000	4	200	4	-100				25 *			268		
" 877	東芝	PA.SW	Si.T	110	7	3A	25W (T _c =25°C)	175	100	110	60~300	5	500	5	-500				3 *	85		99		
" 878	"	"	"	100	7	15A	115W (T _c =25°C)	175	100	100	20~70	4	4A	4	-1A				3 *	150		102	2N3055 相当	
" 879	三洋	SW	Si.EP	30	6	3A	750	150	1	20	210	2	3A	10	-50				200 *	30		138		
" 880	東芝	PA	Si.T	60	7	3A	30W (T _c =25°C)	150	100	60	60~300	5	500	5	-500				3 *	70		268		
" 881																								
" 882	日電	PA.SW	Si.E	40	5	3A	10W (T _c =25°C)	150	1	30	160	2	1A	5	-100				90 *	45		225	2SB772 とコンパリ	
" 883	"	PA	Si.T	100	5	6A	70W (T _c =25°C)	150	50	90	80	5	1A									295		
" 884	松下	SW	Si.TP	330	6	7A	40W (T _c =25°C)	150	1mA	330	25	4	5A									268		
" 885	"	"	"	330	6	7A	40W (T _c =25°C)	150	1mA	330	25	4	5A									268		
" 886	"	PA	"	80	6	3A	40W (T _c =25°C)	150	100	80	500~1500	4	500	12	-200				50 *			268		
" 887	"	"	"	80	6	4A	40W (T _c =25°C)	150	100	80	1000	4	1A									268		
" 888	"	"	"	80	6	6A	50W (T _c =25°C)	150	100	80	1000	4	1A									268		
" 889	"	AF	Si.EP	30	15	100	250	125	1	10	120~650	10	2						150 *	3		138		
" 890	"	"	"	100	15	20	250	135	1	10	300	10	2									138		
" 891	"	"	"	30	5	200	250	150	0.1	25	2000~ 20000	10	200									138	ゲージリントン	
" 892	"	"	"	30	5	500	400	150	0.1	25	2000~ 20000	10	500									138	ゲージリントン	
" 893	"	"	"	30	5	1A	750	150	0.1	25	2000~ 20000	10	1A									138	ゲージリントン	
" 894	三洋	AF.PA	"	30	10	1.5A	10W (T _c =25°C)	150	1	20	>4000	2	500	10	-50				120 *			296	ゲージリントン	
" 895	"	PA.SW	Si.P	100	6	6A	60W (T _c =25°C)	150	100	40	60~200	5	1A	5	-1A				10 *	110		155	2SB775 とコンパリ	
" 896	"	"	"	120	6	7A	70W (T _c =25°C)	150	100	80	60~200	5	1A	5	-1A				10 *	140		155	2SB776 とコンパリ	