

Continued from preceding page.

DARLINGTON TRANSISTORS

(Classified by package and arranged in order of increasing V_{CE0} , I_C . Minus sign for PNP is omitted due to space limitations.) ●: Mounted on ceramic board (250mm²×0.8mm).

☆: With Zener diode (60±10v)

Type Number	Case	Applications	Absolute Maximum Ratings/ $T_a=25^{\circ}\text{C}$						Electrical Characteristics/ $T_a=25^{\circ}\text{C}$							
			V_{CB0}	V_{CE0}	V_{EB0}	I_C	P_C * $T_C=25^{\circ}\text{C}$	T_J	V_{CB}	I_{CB0} (max)	V_{CE}	I_C	hFE	V_{CE}	I_C	fT
			[V]	[V]	[V]	[A]	[W]	[$^{\circ}\text{C}$]								
2SD1111	NP	General Drivers	80	50	10	0.7	600m	150	40	0.1μ	2	50m	>5000	5	50m	200
2SB865	MP	General Drivers	80	50	10	1.5	900m	150	40	0.1μ	2	500m	>4000	10	50m	120
2SD1153	MP	General Drivers	80	50	10	1.5	900m	150	40	0.1μ	2	500m	>4000	10	50m	120
2SD894	T0126	General Drivers	30	25	10	1.5	10*	150	20	1.0μ	2	500m	>4000	10	50m	120
※2SC3705	T0126	General Drivers	30	60±10	10	1.2	10*	150	20	1.0μ	2	500m	>4000	10	50m	120
2SC3292	T0220	High-Speed Drivers	50☆	50☆	6	1.2	20*	150	40	0.1m	5	1.0	>1000	5	1.0	180
2SC3293	T0220	High-Speed Drivers	50☆	50☆	6	2.0	25*	150	40	0.1m	5	1.0	>1000	5	1.0	180
2SC3294	T0220	High-Speed Drivers	50☆	50☆	6	3.0	25*	150	40	0.1m	5	1.5	>1000	5	1.5	180
※2SD1393	T0220	General Drivers	50☆	50☆	6	1.5	30*	150	40	0.1m	5	0.75	>1000	5	1.0	180
2SD1394	T0220	General Drivers	50☆	50☆	6	3.0	30*	150	40	0.1m	5	1.5	>1000	5	1.0	180
2SD1395	T0220	General Drivers	50☆	50☆	6	5.0	40*	150	40	0.1m	3	2.5	>1000	5	2.5	180
2SA1258	T0220	High-Speed Drivers	70	60	5	3.0	20*	150	40	0.1m	2	1.5	5000	5	1.5	200
2SC3144	T0220	High-Speed Drivers	70	60	5	3.0	20*	150	40	0.1m	2	1.5	5000	5	1.5	200
2SB880	T0220	General Drivers	70	60	6	4.0	30*	150	40	0.1m	2	2.0	5000	5	2.0	20
2SD1190	T0220	General Drivers	70	60	6	4.0	30*	150	40	0.1m	2	2.0	5000	5	2.0	20
2SA1259	T0220	High-Speed Drivers	70	60	5	5.0	30*	150	40	0.1m	2	2.5	5000	5	2.5	200
2SC3145	T0220	High-Speed Drivers	70	60	5	5.0	30*	150	40	0.1m	2	2.5	5000	5	2.5	200
2SB881	T0220	General Drivers	70	60	6	7.0	35*	150	40	0.1m	2	3.5	5000	5	3.5	20
2SD1191	T0220	General Drivers	70	60	6	7.0	35*	150	40	0.1m	2	3.5	5000	5	3.5	20
2SB882	T0220	General Drivers	70	60	6	10	40*	150	40	0.1m	2	5.0	5000	5	5.0	20
2SD1192	T0220	General Drivers	70	60	6	10	40*	150	40	0.1m	2	5.0	5000	5	5.0	20
2SB884	T0220	General Drivers	110	100	6	3.0	30*	150	80	0.1m	3	1.5	4000	5	1.5	20
2SD1194	T0220	General Drivers	110	100	6	3.0	30*	150	80	0.1m	3	1.5	4000	5	1.5	20
2SB885	T0220	General Drivers	110	100	6	5.0	35*	150	80	0.1m	3	2.5	4000	5	2.5	20
2SD1195	T0220	General Drivers	110	100	6	5.0	35*	150	80	0.1m	3	2.5	4000	5	2.5	20
2SB886	T0220	General Drivers	110	100	6	8.0	40*	150	80	0.1m	3	4.0	4000	5	4.0	20
2SD1196	T0220	General Drivers	110	100	6	8.0	40*	150	80	0.1m	3	4.0	4000	5	4.0	20
2SB912	T03PB	General Drivers	70	60	6	10	60*	150	40	0.1m	2	5.0	5000	5	5.0	20
2SD1229	T03PB	General Drivers	70	60	6	10	60*	150	40	0.1m	2	5.0	5000	5	5.0	20
2SB883	T03PB	General Drivers	70	60	6	15	70*	150	40	0.1m	2	7.0	5000	5	7.0	20
2SD1193	T03PB	General Drivers	70	60	6	15	70*	150	40	0.1m	2	7.0	5000	5	7.0	20
2SB887	T03PB	General Drivers	110	100	6	10	70	150	80	0.1m	3	5.0	4000	5	5.0	20
2SD1197	T03PB	General Drivers	110	100	6	10	70	150	80	0.1m	3	5.0	4000	5	5.0	20
2SB913	T03PB	General Drivers	110	100	6	8.0	60*	150	80	0.1m	3	4.0	4000	5	4.0	20
2SD1230	T03PB	General Drivers	110	100	6	8.0	60*	150	80	0.1m	3	4.0	4000	5	4.0	20