

Transistors, General

Type	Polarity	Material	P <sub>tot</sub> Max. (mW)	F <sub>T</sub> Typ. (MHz)	Absolute Max. Ratings				h <sub>FE</sub>			T <sub>J</sub> Max. (°C)	C <sub>OB</sub> Max. (pF)	Case Outline	Lead Info.	Manufacturer
					V <sub>CBD</sub> (V)	V <sub>CEO</sub> (V)	V <sub>EBO</sub> (V)	I <sub>C</sub> (mA)	Min.	at mA	Max.					
2SC392	NPN	Si	150	800	30	20	3	20	40	2	300	150	-	TO-72	03	J
2SC394	NPN	Si	600	100	35	30	4	100	40	2	240	150	3.5	TO-98	09	N
2SC395A	NPN	Si	300	400	20	12	5	500	30	10	200	175	6	TO-18	05	J
2SC398	NPN	Si	300	250	20	20	3	25	20	4	200	135	0.5	TO-72	03	N
2SC399	NPN	Si	300	250	20	20	3	25	20	4	200	135	0.5	TO-72	03	N
2SC400	NPN	Si	250	300	30	20	5	100	30	10	350	175	6	TO-18	05	J
2SC403C	NPN	Si	320	140	60	60	4	100	4.1	1	175	120	2	-	173	J
2SC454	NPN	Si	600	-	30	30	5	100	100	2	320	150	3.5	TO-92	09	N
2SC458	NPN	Si	600	-	30	30	5	100	100	2	500	150	3.5	TO-92	09	N
2SC460	NPN	Si	600	-	30	30	5	100	35	2	200	150	3.5	TO-92	09	N
2SC461	NPN	Si	600	-	30	30	5	100	35	2	200	150	3.5	TO-92	09	N
2SC463	NPN	Si	300	-	35	35	4	25	30	2	150	135	0.6	TO-72	03	N
2SC464	NPN	Si	300	600	30	19	2	10	20	1	-	200	2	TO-72	03	N
2SC466	NPN	Si	300	600	30	19	2	10	20	1	-	200	2	TO-72	03	N
2SC479H	NPN	Si	650	-	60	40	5	600	40	100	160	175	20	TO-39M	08	J
2SC495	NPN	Si	800	50	70	50	5	500	40	50	240	125	10	TO-126	20	N
2SC496	NPN	Si	1W	100	40	30	5	1A	40	50	240	125	10	TO-126	20	J
2SC497	NPN	Si	600	50	100	80	5	800	40	200	240	150	15	TO-39	08	J
2SC498	NPN	Si	600	50	80	50	5	800	40	200	240	150	15	TO-39	08	J
2SC503	NPN	Si	800	80	100	80	5	600	30	150	300	175	30	TO-39	08	J
2SC504	NPN	Si	800	80	80	60	5	600	30	150	300	175	30	TO-30	08	J
2SC505	NPN	Si	600	60	300	300	3	200	40	50	140	175	20	TO-39	08	J
2SC506	NPN	Si	600	60	200	200	3	200	40	50	140	175	20	TO-39	08	J
2SC507	NPN	Si	750	250	170	120	5	100	40	10	240	175	4	TO-39	08	J
2SC508	NPN	Si	20W	25	180	60	5	4A	20	4A	-	150	-	TO-66	19	J
2SC509	NPN	Si	600	100	35	30	5	500	70	50	240	150	30	-	-	J
2SC510	NPN	Si	800	60	140	100	5	800	30	200	150	175	60	TO-39	08	J
2SC512	NPN	Si	800	60	100	60	5	1.5A	30	200	150	175	40	TO-39	08	J
2SC515A	NPN	Si	20W	100	300	300	5	150	40	50	170	175	6	TO-66	19	J
2SC519A	NPN	Si	50W	10	130	110	5	7A	30	1A	300	150	250	TO-3	02	J
2SC520A	NPN	Si	50W	10	100	80	5	7A	30	1A	300	150	250	TO-3	02	J
2SC521A	NPN	Si	50W	10	70	50	5	7A	30	1A	300	150	250	TO-3	02	J
2SC522	NPN	Si	10W	60	140	100	5	1.5A	30	200	150	175	40	-	61	J
2SC524	NPN	Si	10W	60	100	60	5	1.5A	30	200	150	175	40	-	61	J
2SC535	NPN	Si	300	450	30	20	4	10	35	1	200	200	1.2	TO-72	03	N
2SC536	NPN	Si	1W	-	40	30	5	100	60	1	960	150	-	TO-72	13	N
2SC562	NPN	Si	300	220	40	30	4	25	26	4	-	135	0.22	TO-72	03	N
2SC563	NPN	Si	300	360	40	25	4	15	38	7	-	200	0.32	TO-72	03	N
2SC594	NPN	Si	750	200	60	45	5	200	40	10	240	175	5	TO-39	08	J
2SC620	NPN	Si	250	250	50	30	5	200	55	10	300	125	7	TO-92	56	J
2SC631A	NPN	Si	320	140	25	25	6	200	129	1	690	120	4.5	-	173	J
2SC641K	NPN	Si	100	400	40	15	5	100	45	1	160	125	6	TO-92	09	J
2SC643A	NPN	Si	50W	3	1500	1500	5	2.5A	5	2A	-	150	50	TO-3	02	J
2SC644	NPN	Si	1W	-	30	25	5	100	90	2	700	150	-	TO-92	13	N
2SC665H	NPN	Si	50W	-	120	80	6	7A	30	5A	130	150	-	TO-3	02	J
2SC681	NPN	Si	50W	-	200	70	5	6A	-	-	-	150	-	TO-3	02	J
2SC681ARD	NPN	Si	50W	-	250	80	5	6A	-	-	-	150	-	TO-3	02	J
2SC681AYL	NPN	Si	50W	-	300	80	5	6A	-	-	-	150	-	TO-3	02	J
2SC682	NPN	Si	300	400	20	20	3	25	20	2	200	135	-	TO-72	03	N
2SC683	NPN	Si	300	400	20	20	3	25	20	2	200	135	0.6	TO-72	03	N
2SC684	NPN	Si	300	900	30	19	2	10	40	10	-	200	2	TO-92	09	N
2SC685	NPN	Si	4W	25	300	300	4	100	60	50	120	150	-	TO-66M	02	J
2SC689H	NPN	Si	300	-	40	15	5	100	35	10	200	175	3.5	TO-18	05	J
2SC690	NPN	Si	30W	-	60	60	5	3A	-	-	-	175	-	TO-117	36	J
2SC690A	NPN	Si	35W	-	60	60	5	4A	-	-	-	175	-	TO-117	36	J
2SC708H	NPN	Si	750	15	60	50	4	1A	30	50	160	175	-	TO-39	08	J
2SC708AH	NPN	Si	750	15	100	80	4	1A	30	50	160	175	-	TO-39	08	J
2SC710	NPN	Si	200	200	30	25	4	30	20	1	300	125	2	TO-92	178	J
2SC711	NPN	Si	200	150	30	25	4	100	90	1	1200	125	-	TO-92	178	J
2SC711A	NPN	Si	200	150	50	45	4	100	90	1	800	125	-	TO-92	178	J
2SC717	NPN	Si	600	600	30	19	2	2	40	1	-	150	2	TO-92	09	N
2SC730	NPN	Si	1W	-	40	40	4	400	-	-	-	175	-	TO-39	08	J
2SC732TM	NPN	Si	400	150	60	50	5	150	200	2	700	125	2	TO-92	09	J