

Transistors, General

Type	Polarity	Material	P _{tot} Max. (mW)	f _T Typ. (MHz)	Absolute Max. Ratings				h _{FE}			T _j Max. (°C)	C _{OB} Max. (pF)	Case Outline	Lead Info.	Manufacturer
					V _{CEO} (V)	V _{CE0} (V)	V _{EBO} (V)	I _C (mA)	Min.	at mA	Max.					
2N3848	NPN	Si	150W	10	300	200	-	20A	40	5A	200	200	-	TO-63	59	STC
2N3849	NPN	Si	150W	10	400	300	-	20A	40	5A	200	200	-	TO-63	59	STC
2N3850	NPN	Si	40W	20	-	80	-	5A	50	1A	150	-	-	TO-111	60	STC
2N3851	NPN	Si	40W	20	-	80	-	5A	30	1A	90	-	-	TO-111	60	STC
2N3852	NPN	Si	40W	20	-	40	-	5A	50	1A	150	-	-	TO-111	60	STC
2N3853	NPN	Si	40W	20	-	40	-	5A	30	1A	90	-	-	TO-111	60	STC
2N3854	NPN	Si	360	100	18	18	4	100	35	2	70	100	3.5	TO-98	09	Sp
2N3854A	NPN	Si	360	100	30	30	4	100	35	2	70	100	3.5	TO-98	09	Sp
2N3855	NPN	Si	360	130	18	18	4	100	60	2	120	100	3.5	TO-98	09	Sp
2N3855A	NPN	Si	360	130	30	30	4	100	60	2	120	100	3.5	TO-98	09	Sp
2N3856	NPN	Si	360	140	18	18	4	100	100	2	200	100	3.5	TO-98	09	Sp
2N3856A	NPN	Si	360	140	30	30	4	100	100	2	200	100	3.5	TO-98	09	Sp
2N3858	NPN	Si	360	90	30	30	4	100	60	2	120	125	4	TO-98	09	F, N, Sp
2N3858A	NPN	Si	360	90	60	60	6	100	60	10	120	125	4	TO-98	09	N, Sp
2N3859	NPN	Si	360	90	30	30	4	100	100	2	200	125	4	TO-98	09	F, N, Sp
2N3859A	NPN	Si	360	90	60	60	6	100	100	10	200	125	4	TO-98	09	N, Sp
2N3860	NPN	Si	360	90	30	30	4	100	150	2	300	125	4	TO-98	09	F, N, Sp
2N3866	NPN	Si	5W	500	55	30	3.5	400	10	50	200	200	3	TO-39	08	M, SGS
2N3877	NPN	Si	360	160	70	70	4	50	20	2	250	125	-	TO-98	09	N, Sp
2N3877A	NPN	Si	360	160	85	85	4	50	20	2	250	125	-	TO-98	09	N, Sp
2N3878	NPN	Si	35W	40	120	50	7	4A	10	500	200	200	175	TO-66	19	RCA, STC
2N3879	NPN	Si	35W	40	120	75	7	7A	12	4A	100	200	175	TO-66	19	RCA, STC
2N3900	NPN	Si	360	160	18	18	5	100	250	2	500	125	12	TO-98	09	N, Sp
2N3900A	NPN	Si	360	160	18	18	5	100	250	2	500	100	12	TO-98	09	N, Sp
2N3901	NPN	Si	360	200	18	18	5	100	350	2	700	125	10	TO-88	09	N, Sp
2N3902	NPN	Si	100W	2.8	700	325	5	3.5A	30	1A	90	200	150	TO-3	02	IR, STC, TI
2N3903	NPN	Si	500	250	60	40	6	200	50	10	150	175	4	TO-92	13	F, Fe, GE, N, Sp, u
2N3904	NPN	Si	500	300	60	40	6	200	100	10	300	175	4	TO-92	13	F, Fe, GE, N, Sp, u
2N3905	PNP	Si	500	200	-40	-40	-5	200	50	10	150	175	4.5	TO-92	13	F, Fe, GE, N, Sp, u
2N3906	PNP	Si	500	250	-40	-40	-5	200	100	10	300	175	4.5	TO-92	13	F, Fe, GE, N, Sp, u
2N3923	NPN	Si	800	40	150	150	6	100	30	25	120	200	4	TO-5	08	F
2N3930	PNP	Si	400	40	-180	-180	-6	100	80	10	300	200	7	TO-18	05	SGS
2N3931	PNP	Si	700	40	-180	-180	-6	100	80	10	300	200	7	TO-39	08	F, SGS
2N3932	NPN	Si	300	750	30	20	2.5	10	40	2	150	200	-	TO-92	03	F, N, u
2N3933	NPN	Si	300	750	40	30	2.5	10	60	2	200	200	0.55	TO-72	03	N
2N3945	NPN	Si	300	60	70	50	8	1A	40	150	250	200	12	TO-39	08	u
2N3946	NPN	Si	360	250	60	40	6	200	50	10	150	175	4	TO-18	05	F, N, u
2N3947	NPN	Si	360	300	60	40	6	200	100	10	300	175	4	TO-18	05	N, u
2N3962	PNP	Si	360	40	-60	-60	-6	200	100	1	450	175	6	TO-18	05	N, SGS, TI, u
2N3963	PNP	Si	360	40	-80	-80	-6	200	100	1	450	175	6	TO-18	05	N, SGS, TI, u
2N3964	PNP	Si	360	50	-45	-45	-6200		250	1	600	175	6	TO-18	05	N, SGS, TI, u
2N3965	PNP	Si	360	50	-60	-60	6	200	250	1	600	175	6	TO-18	05	N, TI, u
2N3975	NPN	Si	360	200	60	30	5	200	35	10	100	175	7	TO-98	09	Sp
2N3976	NPN	Si	360	200	60	30	5	200	55	10	200	175	7	TO-98	09	Sp
2N3977	PNP	Si	400	1	-15	-10	-15	-	40	5	-	-	14	TO-46	05	GE, Sp
2N3978	PNP	Si	400	1	-25	-20	-25	-	30	5	-	-	14	TO-46	05	Sp
2N3979	PNP	Si	400	1	-40	-35	-40	-	20	5	-	-	14	TO-46	05	Sp
2N3996	NPN	Si	30W	40	100	80	8	5A	40	1A	120	200	-	TO-111	60	STC, TI
2N3997	NPN	Si	30W	40	100	80	8	5A	80	1A	240	200	-	TO-111	60	STC, TI
2N3998	NPN	Si	30W	40	100	80	8	5A	40	1A	120	200	-	TO-111	60	STC, TI
2N3999	NPN	Si	30W	40	100	80	8	5A	80	1A	240	200	-	TO-111	60	STC, TI
2N4002	NPN	Si	100W	30	100	80	-	30A	20	15A	80	200	-	TO-63	59	STC
2N4003	NPN	Si	100W	30	120	100	-	30A	20	15A	80	200	-	TO-63	59	TI
2N4007	PNP	Si	400	15	-20	-15	-20	-	30	1uA	-	-	10	TO-46	05	Sp
2N4008	PNP	Si	400	15	-35	-30	-35	-	20	1uA	-	-	10	TO-46	05	Sp
2N4013	NPN	Si	1.2W	300	50	30	6	500	60	100	150	175	12	TO-18	05	F, Mo, N, SGS, Sp
2N4014	NPN	Si	1.2W	300	80	50	6	500	60	100	150	175	10	TO-18	05	F, Mo, N, SGS, Sp
2N4027	PNP	Si	500	100	80	80	5	1A	40	100	120	180	20	TO-18	05	F
2N4028	PNP	Si	500	100	60	60	5	1A	100	100	-	180	20	TO-18	05	F
2N4029	PNP	Si	500	150	80	80	5	1A	100	100	-	180	20	TO-18	05	F
2N4030	PNP	Si	800	100	-60	-60	-5	1A	40	100	120	200	20	TO-5	08	F, M, N, SGS, u
2N4031	PNP	Si	800	100	-60	-60	-5	1A	40	100	120	200	20	TO-5	08	F, M, N, SGS, u
2N4032	PNP	Si	800	150	-80	-80	-5	1A	100	100	300	200	20	TO-3	08	F, M, Mo, N, SGS, u
2N4033	PNP	Si	800	150	-80	-80	-5	1A	100	100	300	200	20	TO-5	08	AEG, F, M, Mo, N, SGS, u