

Low Level and General Purpose Amplifiers

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H _{FE}		I _C (mA)	V _{CE} (V)	V _{CE(max)}		f _T (MHz)	C _{ob} (MHz)	N.F. max (dB)
			P _a (mW)	I _C (mA)	V _{CEO} (V)	min	max			max (V)	I _C (mA)			
2N4058	P	TO-92B	360	100	30	100	400	0.1	5	0.7	10	-	-	5
2N4059	P	TO-92B	360	100	30	45	660	1	5	0.7	10	-	-	-
2N4060	P	TO-92B	360	100	30	45	165	1	5	0.7	10	-	-	-
2N4061	P	TO-92B	360	100	30	90	330	1	5	0.7	10	-	-	-
2N4062	P	TO-92B	360	100	30	180	660	1	5	0.7	10	-	-	-
2N4286	N	TO-92B	250	100	25	150	600	1	5	0.35	1	40	6	-
2N4287	N	TO-92B	250	100	45	150	600	1	5	0.35	1	40	6	5
2N4288	P	TO-92B	250	100	25	150	600	1	5	0.35	1	40	8	-
2N4289	P	TO-92B	250	100	45	150	600	1	5	0.35	1	40	8	4
2N4290	P	TO-92B	250	600	20	50	300	100	10	0.4	100	100	10	-
2N4291	P	TO-92B	250	600	30	100	300	100	10	0.4	100	100	10	-
2N4359	P	TO-18	360	50	45	50	600	1	5	-	-	20	6	4
2N4384	N	TO-18	300	50	30	100	500	0.01	5	0.2	10	30	8	2
2N4386	N	TO-18	300	50	30	40	500	0.01	5	0.2	10	30	8	3
2N4410	N	TO-92A	625	250	80	60	400	10	1	0.2	1	60	12	-
2N5086	P	TO-92A	350	50	50	150	500	0.1	5	0.3	10	40	4	3
2N5087	P	TO-92A	350	50	50	250	800	0.1	5	0.3	10	40	4	2
2N5088	N	TO-92A	350	50	30	300	900	0.1	5	0.5	10	50	4	3
2N5089	N	TO-92A	350	50	25	400	1200	0.1	5	0.5	10	50	4	2
2N5172	N	TO-92B	200	100	25	100	500	10	10	0.25	10	-	-	-
2N5209	N	TO-92A	350	50	50	100	300	0.1	5	0.7	10	30	4	4
2N5210	N	TO-92A	350	50	50	200	600	0.1	5	0.7	10	30	4	3
2N5219	N	TO-92A	350	100	15	35	500	2	10	0.4	10	150	4	-
2N5223	N	TO-92A	350	100	20	50	800	2	10	0.7	10	150	4	-
2N5227	P	TO-92A	350	50	30	50	700	2	10	0.4	10	100	5	-
2N5249	N	TO-92B	330	100	50	400	800	2	5	0.125	10	200+	4	3
2N5309	N	TO-92B	360	100	50	60	120	0.01	5	0.125	10	-	4	-
2N5310	N	TO-92B	360	100	50	100	300	0.01	5	0.125	10	-	4	-
2N5824	N	TO-92F	360	100	40	60	120	2	5	0.125	10	90	4	-
2N5825	N	TO-92F	360	100	40	100	200	2	5	0.125	10	90	4	-
2N5826	N	TO-92F	360	100	40	150	300	2	5	0.125	10	90	4	-
2N5827	N	TO-92F	360	100	40	250	500	2	5	0.125	10	90	4	-
2N5828	N	TO-92F	360	100	40	400	800	2	5	0.125	10	90	4	-
2SA495	P	TO-92B	200	100	30	70	240 #	10	1	1	10	100	7	-
2SA499	P	TO-18	250	100	20	60	200 #	10	1	0.4	10	100	7	-
2SA500	P	TO-18	250	100	20	60	200 #	10	1	0.4	10	100	7	-
2SA545	P	TO-92B	400	200	60	50	232 #	50	1	0.9	10	150+	-	-
2SA550	P	TO-18	300	50	25	65	700 #	2	5	-	-	120+	5+	-
2SA550A	P	TO-18	300	50	45	65	700 #	2	5	-	-	120+	5+	-
2SA561	P	TO-92B	300	150	50	70	400 #	20	1	0.3	10	70+	13+	-
2SA564	P	TO-92B	250	50	25	65	700 #	2	5	0.4	50	150+	3.2+	2+
2SA564A	P	TO-92B	250	50	45	65	700 #	2	5	0.4	50	150+	3.2+	2+
2SA640	P	TO-92B	250	50	45	100	700	0.5	3	0.3	20	60	10	3
2SA641	P	TO-92B	250	50	45	100	700	0.5	3	0.3	20	60	10	-
2SA666	P	TO-92B	250	50	25	130	700 #	2	5	0.4	50	80+	-	16
2SA666A	P	TO-92B	250	50	45	130	700 #	2	5	0.4	50	80+	-	16
2SA673A	P	TO-92B	400	500	50	60	320 #	10	3	0.4	100	-	-	-
2SA721	P	TO-92B	150	50	35	180	1040 #	2	5	0.6	100	250+	-	-
2SA722	P	TO-92B	150	50	55	180	1040 #	2	5	0.6	100	250+	-	-
2SA876H	P	TO-18	350	500	50	80	240	10	3	0.5	100	110	10	-
2SA888	P	TO-92A	350	50	25	65	700 #	2	5	0.5	50	100+	2.7+	-
2SA889	P	TO-92A	350	50	45	65	700 #	2	5	0.5	50	100+	2.7+	-
2SA1015	P	TO-92B	400	150	50	70	400	2	6	0.3	100	80	7	10
2SA1715	P	TO-92B	300	200	50	90	800	1	6	0.3	100	200+	6.5+	20
2SB637K	P	TO-92B	300	100	50	160	800	2	12	0.5	100	200+	1.8	-

HFE groupings available □ hfe @ 1KHz + typical value