

## LOW LEVEL AMPLIFIERS (Cont'd)

Type NPN	Maximum Ratings				Electrical Characteristics @ 25°C								Case
	Pd Ambient mW	VCB Volts	VCE Volts	VEB Volts	HFE @ IC		VCE(Sat) @ IC/IB		f <sub>t</sub> MHz Min	C <sub>ob</sub> pF Max	NF @ f		
					Min/Max	mA	Volts	mA/mA			dB Max	kHz BW kHz	
PNP													
2N2601	400	60	60	6	18/90	1	0.5	10/1	50	6	-	-	TO-46
2N2521	400	60	60	8	36/90	1	0.5	10/1	80	6	-	-	TO-46
2N2602	400	60	60	6	36/90	1	0.5	10/1	60	6	-	-	TO-46
2N2522	400	60	60	8	76/333	1	0.5	10/1	90	6	-	-	TO-46
2N2603	400	60	60	6	76/333	1	0.5	10/1	70	6	-	-	TO-46
2N2459	400	100	60	8	40/80	5	0.3	10/1	90	5	-	-	TO-46
2N2590	400	100	60	7	40/80	5	0.4	10/1	50	5	-	-	TO-46
2N2460	400	100	60	8	70/130	5	0.3	10/1	100	5	-	-	TO-46
2N2591	400	100	60	7	70/135	5	0.4	10/1	55	5	-	-	TO-46
2N2461	400	100	60	8	120/180	5	0.3	10/1	110	5	-	-	TO-46
2N2592	400	100	60	7	115/200	5	0.4	10/1	65	5	-	-	TO-46
2N2462	400	100	60	8	170/230	5	0.3	10/1	125	5	-	-	TO-46
2N2593	400	100	60	7	160/275	5	0.4	10/1	75	5	-	-	TO-46
2N2515	400	80	60	6	30/100	5	0.5	10/2	80	6	-	-	TO-46
2N2595	400	80	60	6	20/50	5	0.5	10/2	30	6	-	-	TO-46
2N2596	400	80	60	6	40/100	5	0.5	10/2	45	6	-	-	TO-46
2N2516	400	80	60	6	60/200	5	0.5	10/2	100	6	-	-	TO-46
2N2597	400	80	60	6	80/200	5	0.5	10/2	60	6	-	-	TO-46
2N2518	400	125	80	8	40/100	5	0.5	10/2	80	6	-	-	TO-46
2N2598	400	125	80	7	20/50	5	0.5	10/2	30	6	-	-	TO-46
2N2599	400	125	80	7	40/100	5	0.5	10/2	45	6	-	-	TO-46
2N2519	400	125	80	8	80/200	5	0.5	10/2	100	6	-	-	TO-46
2N2600	400	125	80	7	80/200	5	0.5	10/2	60	6	-	-	TO-46
2N2599A	400	125	100	7	30/120	5	0.5	10/2	40	6	-	-	TO-46
2N2600A	400	125	100	7	60/240	5	0.5	10/2	60	6	-	-	TO-46

## RF-IF HIGH FREQUENCY AMPLIFIERS

Type NPN	Maximum Ratings				Electrical Characteristics @ 25°C										Case
	Pd Ambient mW	VCB Volts	VCE Volts	VEB Volts	HFE @ IC		f <sub>t</sub> MHz Min	C <sub>ob</sub> pF Max	GPE @ f		P <sub>o</sub> @ f		NF @ f		
					Min/Max	mA			dB Min	MHz	mW Min	MHz	dB Max	MHz	
PNP															
2N917	200	30	15	3	20/200	3	500	1.7	-	-	-	-	-	-	TO-72
2N995	360	20	15	4	35/140	20	100	10.0	-	-	-	-	6	1KHZ	TO-18
2N957	250	40	20	3	45/	10	200	6.0	-	-	-	-	-	-	TO-18
2N916	360	45	25	5	100/	10	-	6.0	-	-	-	-	-	-	TO-18
2N707	300	56	28*	4	9/	10	70	10.0	-	-	2000	100	-	-	TO-18
2N707A	300	70	40	5	90/50	10	70	6.0	-	-	400	100	-	-	TO-18
2N3250	360	50	40	5	50/150	10	250	6.0	-	-	-	-	6	100HZ	TO-18
2N4034	360	40	40	5	70/200	10	400	3.5	-	-	-	-	6	100	TO-18
2N3337	300	40	40	5	30	4	400	1.6	30	60	-	-	5.5	200	TO-72
2N3338	300	40	40	5	30	4	400	1.6	30	60	-	-	5.5	60	TO-72
2N3339	300	40	40	5	30	4	400	1.6	30	200	-	-	5.5	200	TO-72
2N915	360	70	50	5	50/200	10	-	3.5	-	-	-	-	-	-	TO-18

## U-H-F AMPLIFIERS

2N5031	200	15	10	3	25/300	1	1000	1.5	14	450	-	-	2.5	450	TO-72
2N5032	200	15	10	3	25/300	1	1000	1.5	14	450	-	-	3.0	450	TO-72
2N5841	350	20	10	3	25/200	25	2200	1.5	-	-	-	-	-	-	TO-72
2N5842	350	20	10	3	25/250	25	1700	1.5	-	-	-	-	-	-	TO-72
2N5179	200	20	12	2.5	25/250	1	900	1.0	15	200	20	500	4.5	200	TO-72
40894	200	20	12	2.5	50/250	1	1200	1.0	15	200	-	-	4.5	200	TO-72
40895	200	20	12	2.5	40/250	1	1200	1.0	15	200	-	-	-	-	TO-72
40896	200	20	12	2.5	27/250	1	1200	1.0	15	200	-	-	-	-	TO-72
40897	200	20	12	2.5	70/250	1	800	1.0	18	200	-	-	-	-	TO-72
2N5180	180	30	15	2	20/200	8	650	1.0	12	200	-	-	4.5	200	TO-72
2N4260	200	15	15	4.5	30/150	10	1600	2.5	-	-	-	-	-	-	TO-72
2N4261	200	15	15	4.5	30/150	10	2000	2.5	-	-	-	-	-	-	TO-72
2N2615	300	30	15	3	20/	3	800	2.8	-	-	50	500	8	60	TO-18
2N2729	300	30	15	3	20/	3	600	2.8	-	-	30	500	6	60	TO-46
2N3289	200	30	15	3	10/150	2	300	1.5	17	200	-	-	7	200	TO-72
2N3290	200	30	15	3	10/150	2	300	1.5	17	200	-	-	7	200	TO-72
2N3291	200	25	15	3	10	2	250	2.0	16	200	-	-	8	200	TO-72