

### U-H-F AMPLIFIERS (Cont'd)

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	
2N3292	200	25	15	3	10	2	250	2.0	16	200	-	-	9	200	TO-72
2N3293	200	20	15	3	10	2	250	2.0	-	-	2	257	9	200	TO-72
2N3294	200	20	15	3	10	2	250	2.0	14	200	-	-	9	200	TO-72
2N918	200	30	15	3	20	3	600	1.7	15	200	30	500	6	60	TO-72
2N3478	200	30	15	2	25/150	2	750	0.7	11.5	200	-	-	5	470	TO-72
2N2857	200	30	15	2.5	30/150	3	1000	1.0	12.5	450	30	500	5	450	TO-72
2N3839	200	30	15	2.5	30/150	3	1000	1.0	12.5	450	30	500	3.9	450	TO-72
2N3600	200	30	15	3	20/150	3	850	1.0	17	200	20	500	3	60	TO-72
2N5851	500	30	15	4.5	40/	10	800	1.5	-	-	-	-	4	200	TO-72
2N5852	500	30	15	4.5	40/	10	1100	1.5	-	-	-	-	4	200	TO-72
2N4252	200	30	18	4	50/	2	600	0.5	-	-	-	-	-	-	TO-72
2N4253	200	30	18	4	30/150	2	600	0.5	-	-	-	-	-	-	TO-72
2N3287	200	40	20	3	15/100	2	350	1.1	17	200	-	-	6	200	TO-72
2N3288	200	35	20	3	30/200	2	700	1.5	15	200	-	-	7.5	200	TO-72
2N3932	200	30	20	2.5	40/150	2	750	0.55	11.5	200	-	-	4.5	200	TO-72
2N4874	720	30	20	2	20/100	50	900	3.5	1.0	400	1000	400	-	-	TO-39
2N3308	200	40	25	3	25/250	2	300	1.6	17	200	-	-	6	200	TO-72
2N4875	720	40	25	2	20/100	50	800	3.5	9.5	400	820	400	-	-	TO-39
2N3307	200	40	30	3	40/250	2	300	1.3	17	200	-	-	4.5	200	TO-72
2N3933	200	40	30	2.5	60/200	2	750	0.55	14	200	-	-	4	200	TO-72
2N5181	200	45	30	3	27/275	1	700	0.4	15	200	-	-	-	-	TO-72
2N5182	200	45	30	3	27/275	1	700	0.4	20	200	-	-	-	-	TO-72
2N4934	200	40	30	3	40/170	2	700	0.25	18	200	-	-	3.5	200	TO-72
2N4957	200	30	30	3	20/120	2	1000	0.8	17	450	-	-	3	450	TO-72
2N4958	200	30	30	3	20/120	2	1000	0.8	16	450	-	-	3.5	450	TO-72
2N4959	200	30	30	3	20/120	2	1000	0.8	15	450	-	-	4	450	TO-72
2N5829	200	30	30	3	20/150	2	1200	0.8	17	450	-	-	2.5	450	TO-72
2N4259	175	40	30	2.5	60/250	2	1000	0.55	11	450	-	-	5	450	TO-72
2N4876	720	40	30	2	20/100	50	650	3.5	8.5	400	710	400	-	-	TO-39
40235	200	45	-	4.5	40/170	1	700	0.65	20	216	-	-	-	-	TO-72
40236	200	45	-	4.5	40/275	1	700	0.65	-	-	-	-	-	-	TO-72
40237	200	45	-	4.5	27/275	1	700	0.9	-	-	-	-	-	-	TO-72
40238	200	45	-	4.5	40/170	1	500	0.65	30	45	-	-	-	-	TO-72
40239	200	45	-	4.5	27/100	1	500	0.65	30	45	-	-	-	-	TO-72
40240	200	45	-	4.5	27/275	1	500	0.65	30	45	-	-	-	-	TO-72
2N4935	200	50	40	3	60/200	2	700	0.5	21	200	-	-	3	200	TO-72
2N4936	200	50	40	3	60/250	2	700	0.5	13	200	-	-	4.5	200	TO-72
40242	200	45	45	4.5	40/170	1	700	0.8	25	100	-	-	2.5	200	TO-72
40243	200	45	45	4.5	40/170	1	700	0.8	25	60	-	-	4	200	TO-72
40244	200	45	45	4.5	27/170	1	700	0.8	-	-	-	-	4	200	TO-72
40245	200	45	45	4.5	70/275	1	700	0.8	35	10.7	-	-	4	200	TO-72
40246	200	45	45	4.5	27/90	1	700	0.8	35	10.7	-	-	4	200	TO-72

### NPN GENERAL PURPOSE MEDIUM SPEED AMPLIFIERS

Type NPN	Maximum Ratings				Electrical Characteristics @ 25°C							Case
	Pd Ambient mW	VCB Volts	VCE Volts	VEB Volts	HFE @ IC		VCE(Sat) @ IC/IC		f <sub>t</sub> MHz Min	C <sub>ob</sub> pF Max		
					Min/Max	mA	Volts	mA/mA				
2N5183	500	18	18	6	75/400	10	0.5	300/30	125	20	TO-18	
2N332	150	45	-	1	9/20	1	1	5/2.2	6	30	TO-5	
2N333	150	45	-	1	18/40	1	1	5/2.2	8	30	TO-5	
2N334	150	45	-	1	18/90	1	1	5/2.2	10	30	TO-5	
2N335	150	45	-	1	36/90	1	1	5/2.2	12	30	TO-5	
2N336	150	45	-	1	76/333	1	1	5/2.2	13	30	TO-5	
2N337	125	45	30	1	20/55	10	1.5	10/1	20	3	TO-5	
2N338	125	45	30	1	45/150	10	1.5	10/1	30	3	TO-5	
2N1420	600	60	30*	5	100/300	150	1.5	150/15	50	35	TO-5	
2N696	600	60	40*	5	20/60	150	1.5	150/15	40	35	TO-5	
2N697	600	60	40*	5	40/120	150	1.5	150/15	50	35	TO-5	
2N731	500	60	40*	5	40/120	150	1.5	150/15	50	35	TO-18	
2N718	400	60	40*	5	40/120	150	1.5	150/15	50	35	TO-18	
2N3241A	500	30	25	7.5	100/300	10	0.25	200/20	100	20	TO-18	
2N2195	800	45	25	5	20/	150	0.35	150/15	50	20	TO-5	



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