

FAIRCHILD Small Signal Transistors

FAIRCHILD™

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GENERAL PURPOSE SMALL SIGNAL TRANSISTORS

(CONT.) ♦ Surface Mount Device

* Kinked Leads

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For quantities greater than listed, call for quote.

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MOUSER STOCK NO.		Package	V _{CEO} (V)	I _C Max. (A)	h _{FE}		Price Each			
Mfr.	Mfr. Part No.				Max. (mA)	@ I _C (A)	1	10	100	1000
NPN (Cont.)										
* 512—BC547B	TO-92-3	45	0.1	450	0.002	.34	.224	.096	.073	
512—BC547BBU	TO-92-3	45	0.1	450	0.002	.20	.138	.057	.039	
* 512—BC547BTA	TO-92-3	45	0.1	450	0.002	.18	.167	.059	.039	
* 512—BC547BTF	TO-92-3	45	0.1	450	0.002	.20	.138	.057	.039	
512—BC847BM	SOT-23	45	0.1	450	0.002	.16	.149	.053	.035	
512—BC847BMS	TO-92-3	45	0.1	450	0.002	.38	.274	.126	.097	
512—BC547CBL	TO-92-3	45	0.1	800	0.002	.20	.138	.057	.039	
512—BC547CTA	TO-92-3	45	0.1	800	0.002	.20	.138	.057	.039	
512—BC550CBL	TO-92-3	45	0.1	800	0.002	.20	.138	.057	.039	
512—BC550CTA	TO-92-3	45	0.1	800	0.002	.21	.142	.059	.04	
512—BC847CMTF	SOT-23	45	0.1	800	0.002	.16	.149	.053	.035	
512—BC850CMTF	SOT-23	45	0.1	800	0.002	.17	.157	.055	.037	
512—MMBT5962	SOT-23	45	0.1	1400	0.01	.21	.145	.06	.041	
512—BCX70H	SOT-23	45	0.2	310	0.002	.20	.142	.059	.04	
512—BCX70J	SOT-23	45	0.2	460	0.002	.18	.169	.059	.039	
512—BC847S	SC70-6	45	0.2	630	0.002	.41	.289	.133	.102	
512—BCX70K	SOT-23	45	0.2	630	0.002	.19	.178	.063	.041	
512—BCW71	SOT-23	45	0.5	220	0.002	.19	.178	.063	.041	
512—MMBT100	SOT-23	45	0.5	450	0.01	.20	.142	.059	.04	
512—BCX19	SOT-23	45	0.5	600	0.1	.29	.20	.083	.057	
512—BC33716BU	TO-92-3	45	0.8	250	0.1	.23	.159	.066	.045	
* 512—BC33716TA	TO-92-3	45	0.8	250	0.1	.25	.164	.068	.047	
* 512—BC81716MTF	SOT-23	45	0.8	250	0.1	.21	.192	.067	.045	
512—BC33725BU	TO-92-3	45	0.8	400	0.1	.22	.154	.064	.044	
* 512—BC33725TA	TO-92-3	45	0.8	400	0.1	.23	.151	.063	.043	
* 512—BC33725TAR	TO-92-3	45	0.8	400	0.1	.24	.158	.066	.045	
512—BC33740BU	TO-92-3	45	0.8	630	0.1	.23	.162	.067	.046	
* 512—BC33740TA	TO-92-3	45	0.8	630	0.1	.21	.147	.061	.042	
512—BCW66G	SOT-23	45	1.0	400	0.1	.20	.138	.057	.039	
512—BD13516S	TO-126	45	1.5	250	0.15	.42	.353	.215	.166	
512—BD13516STU	TO-126	45	1.5	250	0.15	.42	.353	.215	.166	
512—BCP54	SOT-223	45	1.5	250	0.15	.41	.316	.171	.128	
512—BD437S	TO-126	45	4.0	130	0.01	.51	.43	.262	.203	
512—KSC1623GMTF	SOT-23	50	0.1	400	0.001	.18	.163	.058	.038	
512—2N5210BU	TO-92-3	50	0.1	600	0.1	.21	.192	.067	.045	
* 512—2N5210TA	TO-92-3	50	0.1	600	0.1	.22	.192	.067	.046	
* 512—KSC945CYTA	TO-92-3	50	0.15	240	0.001	.22	.144	.06	.041	
512—KSC945YBU	TO-92-3	50	0.15	240	0.001	.20	.14	.058	.04	
* 512—KSC1815YTA	TO-92-3	50	0.15	240	0.002	.21	.146	.061	.041	
512—KSC945CGBU	TO-92-3	50	0.15	400	0.001	.20	.14	.058	.04	
* 512—KSC945CGTA	TO-92-3	50	0.15	400	0.001	.22	.144	.06	.041	
* 512—KSC945GTA	TO-92-3	50	0.15	400	0.001	.20	.14	.058	.04	
512—MMBT5210	SOT-23	50	0.5	600	0.1	.20	.137	.057	.039	
512—MMBT6428	SOT-23	50	0.5	650	0.1	.20	.188	.066	.044	
512—MMBT2484	SOT-23	60	0.1	500	0.01	.21	.178	.063	.043	
512—BCV71	SOT-23	60	0.5	220	0.002	.18	.169	.059	.039	
* 512—MPSA05RA	TO-92-3	60	0.5	-	0.01	.42	.277	.119	.091	
* 512—KSP05TA	TO-92-3	60	0.5	-	0.1	.28	.194	.081	.055	
512—TIP29A	TO-220	60	1.0	75	1	.51	.427	.26	.201	
512—KSD1616AGBU	TO-92-3	60	1.0	400	0.1	.42	.275	.118	.09	
* 512—KSD1616AGTA	TO-92-3	60	1.0	400	0.1	.42	.275	.118	.09	
* 512—KSD1616ALTA	TO-92-3	60	1.0	600	0.1	.49	.275	.118	.091	
512—BD13716STU	TO-126	60	1.5	250	0.15	.42	.349	.213	.164	
512—BCP55	SOT-223	60	1.5	250	0.15	.39	.302	.164	.123	
512—FSB560A	SSOT-3	60	2.0	550	0.5	.46	.327	.15	.116	
512—TIP31A	TO-220	60	3.0	50	3	.51	.425	.259	.20	
512—N2T560A	SOT-223	60	3.0	550	0.5	.43	.361	.22	.17	
512—N2T651	SOT-223	60	4.0	-	0.05	.60	.467	.301	.241	
512—TIP41A	TO-220	60	6.0	75	3	.62	.516	.315	.243	
512—D44H8	TO-220	60	8.0	-	2	1.12	.957	.735	.513	
512—MJD3055TF	TO-252-2	60	10.0	100	4	.59	.497	.303	.234	
512—BC546ABU	TO-92-3	65	0.1	220	0.002	.20	.138	.057	.039	
512—BC546ATA	TO-92-3	65	0.1	220	0.002	.20	.138	.057	.039	
* 512—BC546BTA	TO-92-3	65	0.1	450	0.002	.20	.138	.057	.039	
* 512—BC546BTF	TO-92-3	65	0.1	450	0.002	.21	.146	.061	.041	
512—BC556BTFR	TO-92-3	65	0.1	450	0.002	.20	.138	.057	.039	
512—BC846BMTF	SOT-23	65	0.1	450	0.002	.15	.143	.05	.033	
512—BC856BMTF	SOT-23-3	65	0.1	450	0.002	.18	.169	.059	.039	
512—BC546CTA	TO-92-3	65	0.1	800	0.002	.20	.138	.057	.039	
512—BC856CMTF	SOT-23-3	65	0.1	800	0.002	.16	.149	.053	.035	
512—BSS64	SOT-23	80	0.2	-	0.01	.25	.176	.073	.05	
512—KSP06TA	TO-92-3	80	0.5	-	0.01	.32	.212	.088	.06	
512—KST06MTF	SOT-23	80	0.5	-	0.01	.23	.162	.067	.046	
512—MMBTA06	SOT-23	80	0.5	-	0.01	.36	.247	.103	.07	
512—MMBTA56	SOT-23	80	0.5	-	0.01	.22	.156	.065	.044	
512—MPSA06RA	TO-92-3	80	0.5	-	0.01	.42	.277	.119	.091	
512—PZTA06	SOT-223	80	0.5	-	0.01	.41	.318	.172	.129	
512—PZTA56	SOT-223	80	0.5	-	0.01	.35	.271	.147	.11	
* 512—BC63916D74Z	TO-92-3	80	1.0	250	0.15	.45	.294	.126	.097	
512—BCP53	SOT-223-4	80	1.2	250	0.5	.43	.332	.18	.135	
512—BCP56	SOT-223	80	1.2	250	0.5	.45	.349	.189	.142	
512—BD13910S	TO-126	80	1.5	160	0.15	.42	.349	.213	.164	
512—BD13910STU	TO-126	80	1.5	160	0.15	.42	.349	.213	.164	
512—BD13916S	TO-126	80	1.5	250	0.15	.42	.349	.213	.164	
512—BD237STU	TO-126	80	2.0	-	0.15	.46	.385	.235	.181	
512—TIP41B	TO-220	80	6.0	75	3	.69	.510	.325	.243	

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Mfr.	Mfr. Part No.				Max. (mA)	@ I _C (A)	1	10	100	1000
NPN (Cont.)										
512—MJD44H11TM	TO-252	80	8.0	-	2	.64	.501	.323	.259	
512—KSH44H11TF	TO-252	80	8.0	-	2	.71	.553	.357	.286	
512—KSH44H11TM	TO-252	80	8.0	-	2	.71	.553	.357	.286	
512—KSE44H11	TO-220	80	10	-	2	.67	.563	.363	.291	
512—BSS63	SOT-23	100	0.2	-	0.025	.24	.166	.069	.047	
512—TIP30C	TO-220	100	1.0	75	1	.53	.445	.272	.21	
512—KSH31CTF	TO-252	100	3.0	50	3	.64	.536	.327	.252	
512—MJD32CTF	TO-252-2	100	3.0	50	3	.55	.46	.281	.217	
512—TIP32C	TO-220	100	3.0	50	3	.52	.436	.266	.205	
512—TIP31C	TO-220	100	3.0	50	3	.49	.413	.252	.195	
512—TIP31CTU	TO-220	100	3.0	50	3	.52	.432	.263	.204	
512—BD243C	TO-220	100	6.0	-	0.3	.65	.539	.329	.254	
512—BD243C	TO-220	100	6.0	75	3	.65	.539	.329	.254	
512—TIP42C	TO-220	100	6.0	75	3	.61	.511	.311	.241	
512—FJV992PMTF	SOT-23	120	0.05	400	0.01	.19	.136	.057	.039	
512—FJV992FMTF	SOT-23	120	0.05	600	0.01	.19	.136	.057	.039	
512—KSA992FBU	TO-92-3	120	0.05	600	0.01	.21	.144	.06	.041	
* 512—KSA992FTA	TO-92-3	120	0.05	600	0.01	.22	.15	.063	.043	
* 512—KSC1845FTA	TO-92-3	120	0.05	600	0.01	.21	.147	.061	.042	
512—FJV1845FMTF	SOT-23	120	0.05	1200	0.001	.20	.187	.066	.044	
512—KSA916YTA	TO-92S	120	0.8	240	0.01	.38	.27	.124	.095	
512—KST5550MTF	SOT-23	140	0.6	250	0.01	.19	.179	.063	.042	
512—MMBT5550	SOT-23	140	0.6	250	0.01	.20	.137	.057	.039	
512—MMBT5401	SOT-23	150	0.6	240	0.01	.20	.187	.066	.044	
512—KSC2073TU	TO-220	150	1.5	140	0.5	.60	.501	.306	.236	
512—2N5551BU	TO-92-3	160	0.6	250	0.01	.19	.136	.057	.039	
* 512—2N5551TA	TO-92-3	160	0.6	250	0.01	.19	.136	.057	.039	
* 512—2N5551TF	TO-92-3	160	0.6	250	0.01	.19	.136	.057	.039	
* 512—2N5551TFR	TO-92-3	160	0.6	250	0.01	.19	.136	.057	.039	
512—FMB5551	SSOT-6	160	0.6	250	0.01	.48	.339	.156	.12	
512—KST5551MTF	SOT-23	160	0.6	250	0.01	.20	.181	.064	.042	
512—MMBT5551	SOT-23	16								