

FAIRCHILD Small Signal Transistors

Products may be RoHS compliant.
Check mouser.com for RoHS status.

FAIRCHILD
SEMICONDUCTOR

Transistors

Fairchild

FAIRCHILD GENERAL PURPOSE SMALL SIGNAL TRANSISTORS

◆ Surface Mount Device

NPN For quantities of 500 and up, call for quote.

MOUSER STOCK NO. Mfr. Mfr. Part Number	Package	V _{CEO} (V)	I _C Max (A)	h _{FE} (mA)		Price Each							
				Max	@IC	1	25	100	250				
◆512-FZT649	SOT-223	25	3.0	300	3000	.30	.257	.24	.209				
◆512-KSC3265YMTF	SOT-23	25	0.8	320	500	.07	.06	.05	.04				
◆512-KSD1621STF	SOT-89	25	2.0	280	1500	.29	.247	.188	.118				
◆512-MMBT4124	SOT-23	25	0.2	360	50	.06	.057	.031	.028				
◆512-MMBT5089	SOT-23	25	0.1	1200	10	.12	.08	.066	.052				
512-MPS6514	TO-92	25	-	300	50	.08	.076	.062	.052				
512-MPS6515	TO-92	25	-	500	50	.19	.161	.079	.064				
512-MPS6521	TO-92	25	-	600	50	.09	.076	.062	.052				
512-PN3565	TO-92	25	0.5	600	1	.17	.142	.085	.061				
512-SS8050BBU	TO-92	25	1.5	160	800	.05	.047	.031	.028				
512-SS8050CTA	TO-92	25	1.5	200	100	.06	.057	.031	.028				
512-SS8050DTA	TO-92	25	1.5	300	100	.06	.057	.031	.028				
512-SS8550DBU	TO-92	25	1.5	300	800	.05	.047	.031	.028				
512-2N3704	TO-92	30	0.5	300	100	.17	.142	.085	.061				
512-2N4953	TO-92	30	1.0	600	150	.09	.085	.062	.052				
512-2N5088_J61Z	TO-92	30	0.1	900	10	.09	.076	.062	.052				
512-2N5088BU	TO-92	30	0.1	900	10	.08	.07	.052	.036				
512-2N5088TA	TO-92	30	0.1	900	10	.07	.06	.044	.033				
512-2N5088TF	TO-92	30	0.1	900	10	.07	.06	.044	.033				
512-BC183	TO-92	30	0.1	-	100	.09	.085	.062	.052				
512-BC183C	TO-92	30	0.1	800	100	.09	.085	.062	.052				
512-BC183LC	TO-92	30	0.1	850	100	.09	.085	.062	.052				
512-BC184	TO-92	30	0.5	-	100	.09	.085	.062	.052				
512-BC184C	TO-92	30	0.5	800	10	.18	.152	.093	.066				
512-BC184L	TO-92	30	0.5	-	100	.18	.152	.093	.057				
512-BC184LC	TO-92	30	0.2	-	100	.09	.085	.062	.052				
512-BC548	TO-92	30	0.1	800	1	.09	.085	.062	.052				
512-BC548B	TO-92	30	0.1	800	1	.09	.085	.062	.052				
512-BC548C	TO-92	30	0.1	800	100	.18	.152	.093	.057				
512-BC549	TO-92	30	0.1	800	100	.18	.152	.093	.057				
512-BC549B	TO-92	30	0.1	800	1	.09	.085	.062	.052				
512-BC549C	TO-92	30	0.1	800	1	.09	.085	.062	.052				
512-BC549CUB	TO-92	30	0.1	800	1	.06	.05	.04	.033				
◆512-BC848AMTF	SOT-23	30	0.1	220	2	.06	.057	.041	.031				
◆512-BC848BMTF	SOT-23	30	0.1	450	2	.06	.057	.041	.031				
◆512-BC848CMTF	SOT-23	30	0.1	800	2	.09	.076	.057	.038				
◆512-BC849BMTF	SOT-23	30	0.1	450	2	.06	.057	.041	.031				
◆512-BSR13	SOT-23	30	0.5	300	500	.07	.06	.044	.033				
◆512-FJC1963STF	SOT-89	30	3.0	560	1500	.19	.171	.157	.115				
◆512-FMMT449	SuperSOT-3	30	1.0	300	2000	.12	.104	.094	.083				
512-KSC2328AYBU	TO-92	30	2.0	320	1500	.13	.114	.083	.062				
512-KSC2328AYTA	TO-92	30	2.0	320	1500	.12	.104	.073	.062				
◆512-MMBT2222	SOT-23	30	-	150	50	.05	.047	.033	.031				
512-MPS6513	TO-92	30	-	180	50	.08	.076	.062	.052				
512-PN2222BU	TO-92	30	0.6	300	500	.08	.07	.052	.036				
512-PN3566	TO-92	30	0.6	600	100	.17	.142	.085	.061				
512-PN3643	TO-92	30	0.5	300	150	.07	.066	.052	.041				
512-PN4141	TO-92	30	0.5	300	500	.07	.066	.052	.041				
◆512-BCW31	SOT-23	32	0.5	220	10	.06	.057	.037	.02				
◆512-BCW32	SOT-23	32	0.5	450	10	.06	.057	.037	.02				
◆512-BCW33	SOT-23	32	0.5	800	10	.07	.06	.044	.033				
◆512-BCW60B	SOT-23	32	0.1	310	50	.06	.057	.037	.02				
◆512-BCW60D	SOT-23	32	0.1	630	50	.06	.057	.037	.02				
512-2N3904BU	TO-92	40	0.2	300	50	.08	.06	.041	.027				
512-2N3904NLBU	TO-92	40	0.2	300	.05	.08	.06	.049	.037				
512-2N3904TA	TO-92	40	0.2	300	50	.06	.05	.029	.022				
512-2N3904TAR	TO-92	40	0.2	300	50	.06	.05	.029	.022				
512-2N3904TF	TO-92	40	0.2	300	50	.08	.06	.041	.027				
512-2N3904TFR	TO-92	40	0.2	300	50	.08	.06	.041	.027				
512-2N4400BU	TO-92	40	0.6	150	500	.09	.076	.039	.025				
512-2N4401BU	TO-92	40	0.6	300	500	.09	.076	.039	.025				
512-2N4401TAR	TO-92	40	0.6	300	500	.08	.066	.043	.03				
512-2N4401TFR	TO-92	40	0.6	300	500	.09	.076	.043	.03				
◆512-BSR14	SOT-23	40	0.8	300	500	.10	.07	.065	.044				
◆512-BSR17A	SOT-23	40	0.2	300	50	.07	.06	.044	.033				
◆512-BSS79C	SOT-23	40	0.8	300	150	.06	.057	.031	.028				
◆512-FJX2222ATF	SOT-323	40	0.6	300	500	.08	.07	.055	.044				
◆512-FJX3904TF	SOT-323	40	0.2	300	50	.07	.066	.052	.041				
512-KSP2222ATA	TO-92	40	0.6	300	500	.06	.057	.038	.031				
512-KSP2222ATF	TO-92	40	0.6	300	500	.06	.057	.038	.031				
◆512-KST2222AMTF	SOT-23	40	0.6	300	150	.06	.057	.041	.031				
◆512-KST3904MTF	SOT-23	40	0.2	300	10	.07	.06	.044	.033				
◆512-MMBT2222A	SOT-23	40	1.0	300	500	.07	.05	.041	.028				
◆512-MMBT2222AK	SOT-23	40	0.6	300	500	.05	.047	.02	.019				
◆512-MMBT3904	SOT-23	40	0.2	300	50	.05	.047	.041	.029				
◆512-MMBT3904K	SOT-23	40	0.2	300	50	.06	.05	.025	.02				
◆512-MMBT4400	SOT-23	40	0.6	150	500	.06	.057	.037	.031				
◆512-MMBT4401	SOT-23	40	0.6	300	500	.06	.047	.04	.025				
◆512-MMBT4401K	SOT-23	40	0.6	300	500	.05	.047	.026	.025				
512-MPS6531	TO-92	40	1.0	270	100	.08	.076	.062	.052				
512-MPSA20	TO-92	40	-	400	10	.08	.07	.062	.052				
512-PN2222ABU	TO-92	40	0.1	300	500	.08	.07	.052	.036				
512-PN2222ATA	TO-92	40	1	300	500	.05	.047	.031	.02				
512-PN2222ATAR	TO-92	40	0.1	300	500	.05	.047	.031	.02				
512-PN3567	TO-92	40	0.6	120	150	.17	.142	.085	.061				
512-PN3569	TO-92	40	0.5	300	150	.17	.142	.085	.061				
◆512-PZT2222A	SOT-223	40	1.0	300	500	.28	.199	.175	.142				

NPN (Cont.) For quantities of 500 and up, call for quote.

MOUSER STOCK NO. Mfr. Mfr. Part Number	Package	V _{CEO} (V)	I _C Max (A)	h _{FE} (mA)		Price Each							
				Max	@IC	1	25	100	250				
◆512-PZT3904	SOT-223	40	0.2	300	50	.20	.171	.146	.125				
512-TIS97	TO-92	40	0.5	700	-	.08	.076	.067	.062				
512-TN2219A	TO-226	40	1.0	300	500	.19	.171	.157	.136				
512-TN6715A	TO-226	40	1.5	250	1000	.22	.20	.188	.152				
512-2N5962	TO-92	45	0.1	1400	10	.09	.08	.066	.055				
512-BC337	TO-92	45	0.8	630	500	.18	.152	.137	.091				
512-BC33716TA	TO-92	45	0.8	630	.5	.07	.06	.044	.033				
512-BC33725	TO-92	45	0.8	630	500	.18	.152	.137	.091				
512-BC33725BU	TO-92	45	0.8	630	.5	.06	.05	.044	.033				
512-BC33725TA	TO-92L	45	0.8	630	500	.12	.10	.061	.041				
512-BC33740BU	TO-92	45	0.8	630	500	.06	.05	.044	.033				
512-BC33740TA	TO-92L	45	0.8	630	500	.12	.10	.061	.041				
512-BC547	TO-92	45	0.1	800	100	.18	.152	.093	.066				
512-BC547A	TO-92	45	0.1	800	.1	.09	.08	.06	.05				
512-BC547B	TO-92	45	0.1	800	100	.18	.152	.093	.066				
512-BC547BTA	TO-92	45	0.1	800	.1	.09	.07	.046	.027				
512-BC547BTAR	TO-92	45	0.1	800	100	.06	.05	.033	.022				
512-BC547BTF	TO-92	45	0.1	800	100	.06	.05	.033	.022				
512-BC547C	TO-92	45	0.1	800	.1	.09	.085	.062	.052				
512-BC547CUB	TO-92	45	0.1	800	.1	.06	.05	.04	.033				
512-BC547CTA	TO-92	45	0.1	800	.1	.06	.05	.033	.022				
512-BC550	TO-92	45	0.1	800	100								