

FAIRCHILD Small Signal Transistors



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

◆ Surface Mount Device

* Kinked Leads

Transistors

FAIRCHILD GENERAL PURPOSE SMALL SIGNAL TRANSISTORS

NPN

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.		Package	V _{CEO} (V)	I _C Max (A)	h _{FE}		Price Each			
Mfr.	Mfr. Part No.				Max(mA)	@IC	1	25	100	250
512—BC547BTF		TO-92	45	0.1	800	100				
512—BC547C		TO-92	45	0.1	800	.1				
512—BC547CBU		TO-92	45	0.1	800	.1				
512—BC547CTA		TO-92	45	0.1	800	.1				
512—BC547TF		TO-92-3	45	0.1	800	0.1				
512—BC550		TO-92	45	0.1	800	100				
512—BC550B		TO-92-3	45	0.1	800	0.1				
512—BC550BTA		TO-92-3	45	0.1	800	0.1				
512—BC550BTAR		TO-92	45	0.1	800	100				
512—BC550CBU		TO-92	45	0.1	800	100				
512—BC550CTA		TO-92	45	0.1	800	100				
◆512—BC635		TO-92	45	1.0	250	500				
◆512—BC81716MTF		SOT-23	45	0.8	630	100				
◆512—BC846AMTF		SOT-23-3	65	0.1	800	.1				
◆512—BC846CMTF		SOT-23-3	65	0.1	800	.1				
◆512—BC847AMTF		SOT-23	45	0.1	220	2				
◆512—BC847BMTF		SOT-23	45	0.1	450	2				
◆512—BC847CMTF		SOT-23	45	0.1	800	2				
◆512—BC850BMTF		SOT-23	45	0.1	450	2				
◆512—BC850CMTF		SOT-23	45	0.1	800	2				
◆512—BCP54		SOT-223	45	1.5	250	500				
◆512—BCW66G		SOT-23	45	1.0	400	500				
◆512—BCW71		SOT-23	45	0.5	220	10				
◆512—BCX19		SOT-23	45	0.5	600	500				
◆512—BCX70H		SOT-23	45	0.2	310	50				
◆512—BCX70J		SOT-23	45	0.2	460	50				
◆512—BCX70K		SOT-23	45	0.2	630	50				
◆512—BD13516S		TO-126	45	1.5	250	0.15				
◆512—BD13516STU		TO-126	45	1.5	250	0.15				
512—MMBT100		SOT-23	45	0.5	450	200				
512—MMBT100A		SOT-23	45	0.5	600	200				
512—MMBT5962		SOT-23	45	0.1	1400	10				
512—MPSA18		TO-92	45	0.1	1500	50				
*512—MPSA18D26Z		TO-92-3	45	0.1	1500	0.05				
512—PN100		TO-92	45	0.5	450	200				
512—PN100A		TO-92	45	0.5	600	200				
512—PN3642		TO-92	45	0.5	120	150				
512—SS9014ABU		TO-92	45	0.1	150	100				
512—SS9014BBU		TO-92	45	0.1	300	100				
512—2N3416		TO-92	50	0.5	225	50				
512—2N3417		TO-92	50	0.5	540	50				
512—2N5210BU		TO-92	50	0.1	600	10				
512—2N5210TA		TO-92-3	50	0.1	600	0.01				
512—BC182		TO-92	50	0.5	-	100				
512—BC182B		TO-92	50	0.5	-	100				
512—BC182L		TO-92	50	0.5	-	100				
512—BC182LB		TO-92	50	0.1	-	100				
512—KSC1815GRTA		TO-92	50	0.2	400	100				
512—KSC1815YTA		TO-92	50	0.2	240	100				
512—KSC945CGBU		TO-92	50	0.2	400	100				
512—KSC945CGTA		TO-92	50	0.2	400	100				
512—KSC945CLTA		TO-92	50	0.2	700	100				
512—KSC945CYBU		TO-92	50	0.2	240	100				
512—KSC945CYTA		TO-92	50	0.2	240	100				
512—KSC945GTA		TO-92	50	0.2	400	100				
512—KSC945YBU		TO-92	50	0.2	240	100				
512—KSD1616GBU		TO-92	50	1.0	400	1000				
◆512—MMBT5210		SOT-23	50	0.5	600	10				
◆512—MMBT6428		SOT-23	50	0.5	650	100				
512—2N3859A		TO-92	60	0.5	200	-				
512—BC637		TO-92	60	1.0	160	500				
◆512—BCP55		SOT-223	60	1.5	250	500				
◆512—BCV71		SOT-23	60	-	220	10				
◆512—BD13716STU		TO-126	60	1.5	250	0.15				
512—FSB560A		SuperSOT-3	60	2.0	550	2000				
512—KSD1616AGBU		TO-92	60	1.0	400	1000				
512—KSD1616AGTA		TO-92	60	1.0	400	1000				
512—KSD1616ALTA		TO-92	60	1.0	600	1000				
512—KSP05TA		TO-92L	60	0.5	-	100				
◆512—MJD3055TF		TO-252-2	60	10	100	4				
◆512—MMBT2484		SOT-23	60	0.1	500	1				
512—MPS651		TO-92	60	-	-	1000				
512—MPSA05RA		TO-92-3	60	0.5	100	0.1				
512—MPS8098		TO-92	60	0.5	300	100				
512—MPSA05		TO-92	60	-	-	100				
◆512—NZT560A		SOT-223	60	3.0	550	3000				

NPN (Cont.)

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Mfr.	Mfr. Part No.				Max(mA)	@IC	1	25	100	250
◆512—NZT651		SOT-223	60	4.0	-	2000				
512—PN2484		TO-92	60	0.1	500	1				
512—PN3568		TO-92	60	1.0	120	150				
512—TIP29A		TO-220	60	1	75	1				
512—TIP31A		TO-220	60	3	50	3000				
512—TIP31ATU		TO-220	60	3	50	3				
512—TIP41A		TO-220	60	6	75	3				
512—BC546		TO-92	65	0.1	800	100				
512—BC546ABU		TO-92-3	65	0.1	800	0.1				
512—BC546ATA		TO-92-3	65	0.1	800	0.1				
512—BC546B		TO-92	65	0.1	800	100				
512—BC546BBU		TO-92-3	65	0.1	800	0.1				
512—BC546BTFR		TO-92-3	65	0.1	800	0.1				
512—BC546CTA		TO-92	65	0.1	800	100				
◆512—BC846BMTF		SOT-23	65	0.1	450	2				
512—BC639		TO-92	80	1.0	160	500				
◆512—BCP56		SOT-223	80	1.2	250	500				
512—BD13910STU		TO-126	80	1.5	250	0.15				
512—BD13916S		TO-126	80	1.5	250	0.15				
◆512—BSS64		SOT-23	80	200.0	-	50				
512—KSP06TA		TO-92L	80	0.5	-	100				
◆512—KST06MTF		SOT-23	80	0.5	-	100				
◆512—MMBTA06		SOT-23	80	0.5	-	100				
512—MPSA06		TO-92	80	0.5	-	100				
512—MPSA06D26Z		TO-92	80	0.5	100	100				
512—MPSA06RA		TO-92-3	80	0.5	100	0.1				
◆512—PZTA06		SOT-223	80	0.5	-	100				
512—TIP31B		TO-220	80	3	50	3				
512—TN3019A		TO-226	80	1.0	300	500				
512—TN6717A		TO-226	80	1.2	250	250				
512—2N5830		TO-92	100	0.2	500	50				
512—BD243C		TO-220	100	6	30	0.3				
512—TIP31C		TO-220	100	3	50	3000				
512—TIP41CTU		TO-220	100	6	75	3				
512—KSC1845EBU		TO-92	120	0.1	800	10				
512—KSC1845ETA		TO-92	120	0.1	800	10				
512—KSC1845FBU		TO-92	120	0.1	600	10				
512—KSC1845FTA		TO-92	120	0.1	600	10				
512—KSC1845PTA		TO-92	120	0.1	400	10				
◆512—KSC2881YTF		SOT-89	120	0.8	240	500				
512—2N5550BU		TO-92	140	0.6	250	50				
512—2N5550TF		TO-92-3	140	0.6	250	0.05				
◆512—KST5550MTF		SOT-23	140	0.6	250	10				
512—KSC2073TU		TO-220	150	1.5	140	0.5				
512—KSC2310YBU		TO-92S	150	0.05	240	0.01				
◆512—MMBT5550		SOT-23	150	0.6	250	50				
512—2N5551TA		TO-92	160	0.6	250	50				
512—2N5551TAR		TO-92-3	160	0.6	250	0.05				
512—2N5551BU		TO-92	160	0.6	250	.05				
512—KSC2383OBU		TO-92L	160	1.0	200	500				
512—KSC2383OTA		TO-92L	160	1.0	200	500				
512—KSC2383YBU		TO-92L	160	1.0	320	500				
512—KSC2383YTA		TO-92L	160	1.0	320	500				
512—KSC2690AOS		TO-126	160	1.2	320	0.3				
512—KSC2690AYSTU		TO-126	160	1.2	320	0.3				
◆512—MMBT5551		SOT-23	160	0.6	250	50				
512—MPSA43		TO-92	200	0.2	200	20				
512—TIP47		TO-220	250	1	150	0.3				
512—KSC2330YBU		TO-92L	300	0.1	240	10				
512—KSP42TA		TO-92	300	0.5	-	30				
◆512—KST42MTF		SOT-23	300	0.5	-	30				
◆512—MMBTA42		SOT-23	300	0.5	-	20				
512—MPSA42		TO-92	300	0.5	-	20				
*512—MPSA42D27Z		TO-92-3	300	0.5	40	0.02				
*512—MPSA42D75Z		TO-92-3	300	0.5	40	0.02				
512—MPSA42_J18Z		TO-92-3	300	0.5	40	0.02				