

# FAIRCHILD Small Signal Transistors

FAIRCHILD

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

## GENERAL PURPOSE SMALL SIGNAL TRANSISTORS (CONT.) DARLINGTON TRANSISTORS (CONT.)

◆ Surface Mount Device

\* Kinked Leads

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package	V <sub>CEO</sub> (V)	I <sub>C</sub> Max. (A)	hFE		Price Each			
Mfr.	Mfr. Part No.				Max. (mA)	@ I <sub>C</sub> (A)	1	10	100	1000
<b>PNP (Cont.)</b>										
◆	512—2N4403TF	TO-92-3	40	0.6	300	0.15	.19	.135	.056	.038
◆	512—2N4403TFR	TO-92-3	40	0.6	300	0.15	.19	.135	.056	.038
◆	512—MMBT4403	SOT-23	40	0.6	300	0.15	.19	.135	.056	.038
◆	512—BSR15	SOT-23	40	0.8	300	0.15	.19	.179	.063	.042
◆	512—PN2907BU	TO-92-3	40	0.8	300	0.15	.22	.156	.065	.044
◆	512—TIP32	TO-220	40	3.0	50	3	.53	.445	.272	.21
◆	512—FZT790A	SOT-223	40	3.0	800	0.01	.43	.361	.22	.17
◆	512—BC557ATA	TO-92-3	45	0.1	220	0.002	.21	.142	.059	.04
◆	512—BC557BTA	TO-92-3	45	0.1	450	0.002	.21	.142	.059	.04
◆	512—BC557BTFF	TO-92-3	45	0.1	450	0.002	.21	.142	.059	.04
◆	512—BC857BMTF	SOT-23	45	0.1	450	0.002	.19	.162	.057	.039
◆	512—BC860BMTF	SOT-23	45	0.1	450	0.002	.17	.162	.057	.038
◆	512—BCX71J	SOT-23	45	0.1	460	0.002	.22	.144	.06	.041
◆	512—SS9014CBU	TO-92-3	45	0.1	1000	0.001	.19	.174	.061	.041
◆	512—MMBT200	SOT-23	45	0.5	450	0.01	.21	.148	.062	.042
◆	512—PN200A	TO-92-3	45	0.5	600	0.01	.41	.269	.112	.076
◆	512—BCX71K	SOT-23	45	0.5	630	0.002	.20	.14	.058	.04
◆	512—BC32716TA	TO-92-3	45	0.8	250	0.1	.26	.178	.074	.05
◆	512—BC80716MTF	SOT-23	45	0.8	250	0.1	.20	.14	.058	.04
◆	512—BC32725BU	TO-92-3	45	0.8	400	0.1	.23	.162	.067	.046
◆	512—BC32725TA	TO-92-3	45	0.8	400	0.1	.21	.147	.061	.042
◆	512—BCW68G	SOT-23	45	0.8	400	0.1	.27	.189	.079	.054
◆	512—BC32740BU	TO-92-3	45	0.8	630	0.1	.26	.178	.074	.05
◆	512—BC32740TA	TO-92-3	45	0.8	630	0.1	.26	.178	.074	.05
◆	512—BCP51	SOT-223	45	1.5	250	0.15	.41	.313	.169	.127
◆	512—MMBT5087	SOT-23	50	0.1	800	0.1	.21	.146	.061	.041
◆	512—FJX733YTF	SOT-323	50	0.15	240	0.001	.26	.17	.071	.048
◆	512—KSA733CYTA	TO-92-3	50	0.15	240	0.001	.22	.149	.062	.042
◆	512—KSA1015YTA	TO-92-3	50	0.15	240	0.002	.22	.154	.064	.044
◆	512—KSA733GBU	TO-92-3	50	0.15	400	0.001	.21	.145	.06	.041
◆	512—KSA733GTA	TO-92-3	50	0.15	400	0.001	.21	.145	.06	.041
◆	512—KSA1015GRTA	TO-92-3	50	0.15	400	0.002	.22	.154	.064	.044
◆	512—BCW89	SOT-23	60	0.5	260	2	.21	.143	.059	.041
◆	512—MMBTA55	SOT-23	60	0.5	-	0.1	.25	.171	.071	.048
◆	512—KSP2907ATA	TO-92-3	60	0.6	300	0.15	.20	.187	.066	.044
◆	512—KSP2907ATF	TO-92-3	60	0.6	300	0.15	.22	.154	.064	.044
◆	512—KST2907AMTF	SOT-23	60	0.6	300	0.15	.20	.139	.058	.04
◆	512—KSA931YTA	TO-92S	60	0.7	240	0.05	.37	.24	.103	.079
◆	512—MMBT2907A	SOT-23	60	0.8	300	0.15	.18	.17	.06	.04
◆	512—MMBT2907AD87Z	SOT-23-3	60	0.8	300	0.15	.18	.17	.06	.04
◆	512—PN2907ABU	TO-92-3	60	0.8	300	0.15	.20	.142	.059	.04
◆	512—PN2907ATAR	TO-92-3	60	0.8	300	0.15	.23	.162	.067	.046
◆	512—PN2907ATA	TO-92-3	60	0.8	300	0.15	.25	.171	.071	.048
◆	512—PN2907ATF	TO-92-3	60	0.8	300	0.15	.22	.151	.063	.043
◆	512—PN2907ATFR	TO-92-3	60	0.8	300	0.15	.23	.161	.067	.046
◆	512—PZT2907A	SOT-223	60	0.8	300	0.15	.46	.326	.15	.115
◆	512—BSR16	SOT-23	60	0.8	300	0.15	.20	.188	.066	.044
◆	512—BCP52	SOT-223	60	1.2	250	0.15	.39	.302	.164	.123
◆	512—FSB660A	SSOT-3	60	2.0	550	0.5	.37	.284	.154	.116
◆	512—MPS751	TO-92-3	60	2.0	-	0.05	.44	.341	.185	.138
◆	512—BD236STU	TO-126	60	2.0	-	0.15	.46	.385	.235	.181
◆	512—TIP32A	TO-220	60	3.0	50	3.0	.53	.445	.272	.21
◆	512—KSB1366GTU	TO-220F	60	3.0	320	0.5	.77	.647	.417	.334
◆	512—NZT860A	SOT-223	60	3.0	550	0.5	.43	.361	.22	.17
◆	512—BD440S	TO-126	60	4.0	140	0.01	.62	.514	.314	.242
◆	512—NZT751	SOT-223	60	4.0	-	0.05	.64	.531	.323	.25
◆	512—KSB1151YS	TO-126	60	5.0	400	2.0	.56	.469	.302	.242
◆	512—BC556ABU	TO-92-3	65	0.1	220	0.002	.20	.138	.057	.039
◆	512—BC556ATA	TO-92-3	65	0.1	220	0.002	.21	.142	.059	.04
◆	512—BC556BTA	TO-92-3	65	0.1	450	2.0	.18	.17	.06	.04
◆	512—BC640TA	TO-92-3	80	1.0	160	0.15	.23	.161	.067	.046
◆	512—TIP42CTU	TO-220	100	6.0	75	3.0	.63	.523	.319	.246
◆	512—FJX922TF	SOT-323	120	0.1	700	0.002	.54	.303	.13	.10
◆	512—KST5401MTF	SOT-23	150	0.5	240	0.01	.20	.142	.059	.04
◆	512—MMBT5401D87Z	SOT-23	150	0.6	240	0.01	.20	.187	.066	.044
◆	512—KSA940TU	TO-220	150	1.5	140	0.5	.61	.514	.313	.242
◆	512—KSA1142OSTU	TO-126	180	0.1	320	0.01	.45	.345	.187	.14
◆	512—MMBTA92	SOT-23	300	0.5	-	0.01	.35	.243	.101	.069
◆	512—PZTA92	SOT-223	300	0.5	-	0.01	.41	.313	.169	.127
◆	512—2N6520TA	TO-92-3	350	0.5	200	0.03	.26	.181	.075	.051
◆	512—KSP94TA	TO-92-3	400	0.3	300	0.01	.43	.245	.105	.081

## DARLINGTON TRANSISTORS

◆ Surface Mount Device

\* Kinked Leads

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MOUSER STOCK NO.		Package	V <sub>CEO</sub> (V)	I <sub>C</sub> Max. (A)	hFE		Price Each			
Mfr.	Mfr. Part No.				Max. (mA)	@ I <sub>C</sub> (A)	1	25	100	250
<b>PNP</b>										
◆	512—BCV27	SOT-23	30	1.2	-	0.001	.21	.146	.061	.041
◆	512—MMBTA13	SOT-23	30	1.2	-	0.01	.23	.158	.066	.045
◆	512—MMBTA14	SOT-23	30	1.2	-	0.01	.23	.158	.066	.045
◆	512—MMBT6427	SOT-23	40	1.2	200000	0.1	.24	.164	.068	.046
◆	512—TIP120	TO-220	60	5.0	-	0.5	.61	.508	.328	.262
◆	512—TIP120TU	TO-220	60	5.0	-	0.5	.63	.529	.342	.273
◆	512—MMBTA28	SSOT-3	80	0.8	-	0.01	.45	.291	.125	.096
◆	512—BSP52	SOT-223	80	0.8	-	0.15	.42	.323	.175	.131
◆	512—BD679ASTU	TO-126	80	4.0	-	2.0	.64	.537	.327	.253
◆	512—TIP121	TO-220	80	5.0	-	0.5	.63	.529	.342	.273

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Mfr.	Mfr. Part No.				Max. (mA)	@ I <sub>C</sub> (A)	1	10	100	1000
<b>NPN (Cont.)</b>										
◆	512—MPSA29	TO-92-3	100	0.8	-	100	.48	.313	.134	.103
◆	512—N2T7053	SOT-223	100	1.5	20000	1.0	.50	.387	.21	.157
◆	512—TIP112	TO-200	100	2.0	-	1.0	.61	.508	.328	.262
◆	512—MJD122TF	TO-252	100	8.0	12000	4.0	.62	.515	.314	.243
◆	512—TIP142TTU	TO-220	100	10	-	5.0	1.39	1.19	.914	.638
<b>PNP</b>										
◆	512—BC516D27Z	TO-92-3	30	1.0	-	0.02	.41	.268	.115	.088
◆	512—BCV26	SOT-23	30	1.2	-	0.001	.23	.158	.066	.045
◆	512—MMBT A63	SOT-23	30	1.2	-	0.01	.23	.162	.067	.046
◆	512—PZTA64	SOT-223	30	1.2	-	0.01	.35	.271	.147	.11
◆	512—BD676AS	TO-126	45	4.0	-	2.0	.64	.537	.327	.253
◆	512—TIP125	TO-220	60	5.0	-	0.5	.61	.511	.311	.241
◆	512—TIP125TU	TO-220	60	5.0	-	0.5	.59	.489	.298	.23
◆	512—BD680ASTU	TO-126	80	4.0	-	2.0	.64	.537	.327	.253
◆	512—TIP126	TO-220	80	5.0	-	0.5	.64	.534	.325	.251
◆	512—MJD1177F	TO-252	100	2.0	12000	2.0	.59	.491	.299	.231
◆	512—MJD127TF	TO-252	100	8.0	12000	4.0	.63	.523	.319	.246
◆	512—BDX54C	TO-220	100	8.0	-	3.0	.59	.498	.321	.257
◆	512—TIP147TU	TO-3PN	100							