

# FAIRCHILD Small Signal Transistors



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)	h <sub>FE</sub>		Price Each							
Mfr.	Mfr. Part No.				Max. (mA)	@ I <sub>C</sub> (A)	1	25	100	250				
PNP (Cont.)														
◆	512-2N4403TFR	TO-92-3	40	0.6	300	0.15	.11	.10	.053	.037				
◆	512-MMBT4403	SOT-23	40	0.6	300	0.15	.07	.06	.054	.033				
◆	512-BSR15	SOT-23	40	0.8	300	0.15	.07	.06	.044	.033				
◆	512-PN2907BU	TO-92-3	40	0.8	300	0.15	.12	.104	.06	.044				
◆	512-TIP32	TO-220	40	3.0	50	3	.42	.37	.333	.304				
◆	512-FZT790A	SOT-223	40	3.0	800	0.01	.33	.28	.257	.222				
*◆	512-BC557ATA	TO-92-3	45	0.1	220	0.002	.07	.06	.038	.025				
*◆	512-BC557BTA	TO-92-3	45	0.1	450	0.002	.07	.06	.038	.025				
*◆	512-BC557BTF	TO-92-3	45	0.1	450	0.002	.07	.06	.038	.025				
◆	512-BC857BMTF	SOT-23	45	0.1	450	0.002	.06	.057	.042	.031				
◆	512-BC860BMTF	SOT-23	45	0.1	450	0.002	.06	.057	.042	.031				
◆	512-BCX71J	SOT-23	45	0.1	460	0.002	.06	.057	.041	.031				
◆	512-SS9014ACBU	TO-92-3	45	0.1	1000	0.001	.06	.05	.04	.033				
◆	512-MMBT200	SOT-23	45	0.5	450	0.01	.06	.05	.047	.038				
◆	512-PN200A	TO-92-3	45	0.5	600	0.01	.11	.09	.088	.073				
◆	512-BCX71K	SOT-23	45	0.5	630	0.002	.06	.057	.041	.031				
*◆	512-BC32716TA	TO-92-3	45	0.8	250	0.1	.07	.06	.044	.033				
◆	512-BC80716MTF	SOT-23	45	0.8	250	0.1	.06	.057	.047	.031				
◆	512-BC32725BU	TO-92-3	45	0.8	400	0.1	.06	.05	.044	.033				
*◆	512-BC32725TA	TO-92-3	45	0.8	400	0.1	.08	.07	.056	.042				
◆	512-BCW68G	SOT-23	45	0.8	400	0.1	.12	.10	.077	.058				
◆	512-BC32740BU	TO-92-3	45	0.8	630	0.1	.06	.05	.044	.033				
*◆	512-BC32740TA	TO-92-3	45	0.8	630	0.1	.08	.07	.056	.042				
◆	512-BCP51	SOT-223	45	1.5	250	0.15	.29	.25	.231	.149				
◆	512-MMBT5087	SOT-23	50	0.1	800	0.1	.12	.085	.057	.04				
◆	512-FJX733YTF	SOT-323	50	0.15	240	0.001	.07	.066	.052	.041				
*◆	512-KSA733CYTA	TO-92-3	50	0.15	240	0.001	.06	.057	.038	.031				
*◆	512-KSA1015YTA	TO-92-3	50	0.15	240	0.002	.07	.06	.037	.024				
◆	512-KSA733GBU	TO-92-3	50	0.15	400	0.001	.05	.047	.031	.028				
*◆	512-KSA733GTA	TO-92-3	50	0.15	400	0.001	.06	.057	.038	.031				
◆	512-KSA1015GRTA	TO-92-3	50	0.15	400	0.002	.07	.06	.037	.024				
◆	512-BCW89	SOT-23	60	0.5	260	2	.06	.057	.041	.031				
◆	512-MMBT A55	SOT-23	60	0.5	---	0.1	.07	.06	.049	.044				
◆	512-KSP2907ATA	TO-92-3	60	0.6	300	0.15	.06	.057	.038	.031				
*◆	512-KSP2907ATF	TO-92-3	60	0.6	300	0.15	.06	.057	.038	.031				
◆	512-KST2907AMTF	SOT-23	60	0.6	300	0.15	.07	.066	.041	.031				
◆	512-KSA931YTA	TO-92S	60	0.7	240	0.05	.12	.114	.094	.062				
◆	512-MMBT2907A	SOT-23	60	0.8	300	0.15	.06	.05	.041	.025				
◆	512-MMBT2907AD87Z	SOT-23-3	60	0.8	300	0.15	.04	.038	.031	.024				
◆	512-PN2907ABU	TO-92-3	60	0.8	300	0.15	.11	.10	.065	.049				
*◆	512-PN2907ATAR	TO-92-3	60	0.8	300	0.15	.06	.05	.041	.034				
*◆	512-PN2907ATA	TO-92-3	60	0.8	300	0.15	.12	.10	.058	.043				
*◆	512-PN2907ATF	TO-92-3	60	0.8	300	0.15	.06	.052	.042	.035				
*◆	512-PN2907ATFR	TO-92-3	60	0.8	300	0.15	.06	.05	.041	.034				
◆	512-PZT2907A	SOT-223	60	0.8	300	0.15	.20	.181	.157	.125				
◆	512-BSR16	SOT-23	60	0.8	300	0.15	.10	.082	.074	.05				
◆	512-BCP52	SOT-223	60	1.2	250	0.15	.30	.26	.234	.159				
◆	512-FSB660A	SSOT-3	60	2.0	550	0.5	.20	.19	.178	.142				
◆	512-MPS751	TO-92-3	60	2.0	---	0.05	.23	.20	.178	.133				
◆	512-BD236STU	TO-126	60	2.0	---	0.15	.36	.314	.282	.18				
◆	512-TIP32A	TO-220	60	3.0	50	3.0	.42	.366	.311	.303				
◆	512-KSB1366GTU	TO-220F	60	3.0	320	0.5	.61	.441	.357	.308				
◆	512-NZT660A	SOT-223	60	3.0	550	0.5	.39	.34	.304	.222				
◆	512-BD440S	TO-126	60	4.0	140	0.01	.47	.40	.368	.24				
◆	512-NZT751	SOT-223	60	4.0	---	0.05	.59	.50	.425	.358				
◆	512-KSB1151YS	TO-126	60	5.0	400	2.0	.59	.50	.402	.336				
◆	512-BC556ABU	TO-92-3	65	0.1	220	0.002	.07	.06	.051	.042				
*◆	512-BC556ATA	TO-92-3	65	0.1	220	0.002	.06	.057	.031	.02				
*◆	512-BC556BTA	TO-92-3	65	0.1	450	2.0	.06	.057	.031	.02				
*◆	512-BC640TA	TO-92-3	80	1.0	160	0.15	.07	.06	.044	.033				
◆	512-TIP42CTU	TO-220	100	6.0	75	3.0	.69	.507	.434	.376				
◆	512-FJX992TF	SOT-323	120	0.1	700	0.002	.20	.18	.15	.13				
◆	512-KST5401MTF	SOT-23	150	0.5	240	0.01	.07	.066	.052	.042				
◆	512-MMBT5401D87Z	SOT-23	150	0.6	240	0.01	.07	.06	.041	.031				
◆	512-KSA940TU	TO-220	150	1.5	140	0.5	.62	.55	.494	.36				
◆	512-KSA1142OSTU	TO-126	180	0.1	320	0.01	.27	.247	.219	.142				
◆	512-MMBTA92	SOT-23	300	0.5	---	0.01	.29	.14	.125	.087				
◆	512-PZTA92	SOT-223	300	0.5	---	0.01	.24	.219	.188	.142				
*◆	512-2N6520TA	TO-92-3	350	0.5	200	0.03	.07	.06	.052	.039				
*◆	512-KSP94TA	TO-92-3	400	0.3	300	0.01	.05	.046	.043	.039				

◆ 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)	h <sub>FE</sub>		Price Each							
Mfr.	Mfr. Part No.				Max. (mA)	@ I <sub>C</sub> (A)	1	25	100	250				
PNP														
*◆	512-BC516D27Z	TO-92-3	30	1.0	---	0.02	.47	.342	.214	.153				
◆	512-BCV26	SOT-23	30	1.2	---	0.001	.09	.089	.076	.058				
◆	512-MMBTA63	SOT-23	30	1.2	---	0.01	.29	.21	.136	.098				
◆	512-PZTA64	SOT-223	30	1.2	---	0.01	.22	.20	.186	.151				
◆	512-BD676AS	TO-126	45	4.0	---	2.0	.56	.40	.338	.289				
◆	512-TIP125	TO-220	60	5.0	---	0.5	.47	.403	.348	.264				
◆	512-TIP125TU	TO-220	60	5.0	---	0.5	.44	.378	.327	.239				
◆	512-BD680ASTU	TO-126	80	4.0	---	2.0	.56	.40	.338	.289				
◆	512-TIP126	TO-220	80	5.0	---	0.5	.44	.378	.327	.239				
◆	512-MJD117TF	TO-252	100	2.0	12000	2.0	.68	.477	.408	.353				
◆	512-MJD122TF	TO-252	100	8.0	12000	4.0	.80	.558	.478	.413				
◆	512-BDX54C	TO-220	100	8.0	---	3.0	.62	.481	.419	.365				
◆	512-TIP147TU	TO-3PN	100	10	---	5.0	1.45	1.16	1.01	.891				
◆	512-BDW94CFTU	TO-220F	100	12	20000	5.0	.70	.609	.528	.398				

## DUAL AND QUAD GENERAL PURPOSE TRANSISTORS

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Mfr.	Mfr. Part No.				Max. (mA)	@ I <sub>C</sub> (A)	1	25	100	250				
NPN Dual														
◆	512-FFB3904	SC-70-6	40	0.2	300	0.01	.13	.114	.094	.083				
◆	512-FMB3904	SSOT-6	40	0.2	300	0.01	.16	.14	.137	.124				
◆	512-FMB2222A	SC-70-6	40	0.5	300	0.15	.16	.133	.115	.109				
NPN Quad														
◆	512-MMPQ2222	SOIC-16	30	0.5	---	0.01	.90	.71	.643	.577				
◆	512-MMPQ3904	SOIC-16	40	0.2	300	0.01	1.42	1.21	1.01	.848				
◆	512-MMPQ2222A	SOIC-16	40	0.5	300	0.15	.99	.83	.665	.642				
NPN/PNP Dual														
◆	512-FFB2227A	SC-70-6	30	0.5	---	1.0	.12	.104	.083	.078				
◆	512-FMB2227A	SSOT-6	30	0.5	---	1.0	.16	.14	.125	.115				
◆	512-FMB3946	SSOT-6	40	0.2	300	0.01	.17	.14	.136	.125				
NPN/PNP Quad														
◆	512-MMPQ6700	SOIC-16	40	0.2	---	0.001	1.38	1.19	.996	.838				
PNP Dual														
◆	512-FFB3906	SC-70-6	40	0.2	300	0.01	.13	.11	.109	.098				
◆	512-FMB3906	SSOT-6	40	0.2	300	0.01	.19	.16	.145	.138				
◆	512-BC857S	SC-70-6	45	0.2	630	0.002	.21	.19	.167	.125				
◆	512-FFB2907A	SC-70-6	60	0.6	300	0.15	.12	.104</						