

# FAIRCHILD Small Signal Transistors



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## FAIRCHILD RF SMALL SIGNAL TRANSISTORS

## FAIRCHILD JFETs (CONT.)

◆ Surface Mount Device

NPN ◆ Surface Mount Device

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.		Package	V <sub>CEO</sub> (V)	I <sub>C</sub> Max (A)	h <sub>FE</sub> (mA)		Price Each			
Mfr.	Mfr. Part No.				Max	@IC	1	25	100	250
◆512—	MMBT5179	SOT-23	12	0.05	250	10	.13	.076	.069	.046
512—	MP55179	TO-92	12	0.05	250	10	.13	.114	.094	.083
512—	PN5179	TO-92	12	0.05	250	10	.07	.066	.052	.041
512—	2N5770	TO-92	15	0.05	200	10	.20	.161	.079	.064
512—	KSC1730OBU	TO-92	15	0.05	140	10	.06	.05	.04	.033
◆512—	MMBT918	SOT-23	15	0.05	-	10	.07	.066	.046	.041
512—	PN3563	TO-92	15	0.05	200	-	.07	.066	.052	.041
512—	PN918	TO-92	15	0.05	-	10	.07	.066	.052	.041
512—	KST10MTF	TO-92	25	-	-	4	.11	.095	.061	.041
512—	BF199	TO-92	25	0.05	-	10	.11	.095	.083	.062
512—	MMBTH10	SOT-23-3	25	0.05	0.004	4	.13	.076	.069	.046
512—	MPSH10	TO-92	25	0.05	-	4	.16	.133	.132	.091
512—	MPSH11	TO-92	25	0.05	-	4	.13	.114	.094	.083
◆512—	MMBTH10RG	SOT-23	40	0.045	120	10	.12	.104	.083	.073

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Mfr.	Mfr. Part No.				Max	@IC	1	25	100	250
◆512—	MMBTH81	SOT-23	20	0.05	-	5	.12	.085	.057	.04
512—	MPSH81	TO-92	20	0.05	-	5	.13	.114	.094	.083

## FAIRCHILD JFETs

N-Channel

◆ Surface Mount Device

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MOUSER STOCK NO.		Package	V <sub>CEO</sub> (V)	I <sub>C</sub> Max (A)	h <sub>FE</sub> (mA)		Price Each			
Mfr.	Mfr. Part No.				Max	@IC	1	25	100	250
512—	FJN598JABU	TO-92	20	0.1	0.35	5	.07	.057	.042	.035
512—	FJN598JATA	TO-92	20	0.1	0.35	5	.07	.057	.04	.034
512—	FJN598JCBU	TO-92-3	20	0.1	0.35	5	.07	.057	.042	.035
◆512—	FJN598JBTA	SOT-323	20	0.15	0.24	5	.07	.057	.04	.034
◆512—	FJX597JHTF	SOT-323	20	0.15	0.35	5	.11	.104	.088	.074
◆512—	FJX597JBTF	SOT-323	20	0.15	0.24	5	.10	.085	.076	.073
◆512—	FJN598JCTA	SOT-323	20	0.21	0.35	5	.08	.06	.045	.037
512—	2N5457	TO-92	25	1	5	15	.13	.114	.11	.089
512—	2N5457_D27Z	TO-92	25	1	5	15	.12	.104	.083	.073
512—	2N5484	TO-92	25	1	5	15	.11	.095	.083	.073
◆512—	MMBF5457	SOT-23	25	1	5	15	.13	.114	.096	.083
◆512—	MMBF5484	SOT-23	25	1	5	15	.12	.104	.094	.073
512—	2N3819	TO-92	25	2	20	15	.11	.095	.083	.062
512—	2N5458	TO-92	25	2	9	15	.12	.104	.083	.073
512—	J210	TO-92	25	2	15	15	.13	.123	.104	.073
◆512—	MMBF5458	SOT-23	25	2	9	15	.14	.123	.104	.083
◆512—	MMBFJ210	SOT-23	25	2	15	15	.20	.18	.157	.136
512—	MPF102	TO-92	25	2	20	15	.11	.104	.098	.078
512—	MPF102D74Z	TO-92	25	2	20	15	.10	.095	.076	.066
512—	2N5459	TO-92	25	4	16	15	.14	.123	.104	.094
512—	2N5485	TO-92	25	4	10	15	.11	.095	.083	.073
◆512—	MMBF5459	SOT-23	25	4	16	15	.14	.123	.104	.083
◆512—	MMBF5485	SOT-23	25	4	10	15	.12	.104	.094	.073
512—	J211	TO-92	25	7	20	15	.13	.123	.104	.073
◆512—	MMBFJ211	SOT-23	25	7	20	15	.20	.18	.157	.136
512—	2N5486	TO-92	25	8	20	15	.11	.095	.083	.073
◆512—	MMBF5486	SOT-23	25	8	20	15	.12	.104	.094	.073
512—	J110	TO-92	25	10	-	15	.29	.256	.23	.152
512—	J309	TO-92	25	12	30	10	.16	.143	.115	.083
◆512—	MMBFJ309	SOT-23	25	12	30	10	.22	.199	.177	.133
512—	2N5555	TO-92-3	25	15	-	15	.11	.095	.081	.064
512—	J212	TO-92	25	15	40	15	.13	.123	.104	.073
512—	J310	TO-92	25	24	60	10	.22	.162	.135	.098
512—	J310D26Z	TO-92	25	24	60	10	.16	.143	.115	.083
◆512—	MMBFJ310	SOT-23	25	24	60	10	.22	.199	.177	.133
◆512—	MMBF5434	SSOT-3	25	30	-	15	.32	.276	.24	.19
512—	PN5434	TO-92	25	30	-	15	.23	.20	.178	.133
512—	J109	TO-92	25	40	-	15	.29	.256	.23	.152
512—	J108	TO-92	25	80	-	15	.29	.256	.23	.152
512—	MMBFJ108	SuperSOT-3	25	80	-	15	.31	.276	.24	.18
◆512—	J107	TO-92	25	100	-	15	.51	.447	.398	.293
512—	PN5432	TO-92	25	150	-	15	.23	.20	.178	.133
512—	J105	TO-92	25	500	-	15	.48	.447	.345	.293
◆512—	JFTJ105	SOT-223-4	25	500	-	15	1.35	1.19	.712	.695
◆512—	MMBF4416	SOT-23	30	0.005	0.015	15	.12	.104	.094	.073
512—	PF53012	TO-92-3	30	0.03	0.5	10	.13	.114	.094	.083
512—	PN4302	TO-92	30	0.5	5	20	.11	.104	.083	.073
512—	2N5246	TO-92	30	1.5	7	15	.13	.114	.093	.074
512—	BF244A	TO-92	30	2	6.5	15	.12	.114	.094	.062

N-Channel (cont.)

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Mfr.	Mfr. Part No.				Max	@IC	1	25	100	250
512—	BF245A	TO-92	30	2	6.5	15	.12	.114	.094	.062
512—	2N5953	TO-92	30	2.5	5	15	.11	.104	.083	.073
512—	2N5952	TO-92	30	4	8	15	.11	.104	.083	.073
512—	PN4303	TO-92-3	30	4	10	20	.11	.104	.083	.073
512—	2N5245	TO-92	30	5	15	15	.13	.114	.094	.083
◆512—	J304	TO-92	30	5	15	15	.13	.114	.094	.073
512—	MMBF4393	SOT-23	30	5	30	20	.26	.133	.122	.10
512—	PN4393	TO-92	30	5	30	20	.11	.104	.085	.066
512—	PN4416	TO-92	30	5	15	15	.10	.095	.073	.062
512—	BF244B	TO-92	30	6	15	15	.12	.114	.08	.062
512—	BF245B	TO-92	30	6	15	15	.12	.114	.094	.062
512—	BF256B	TO-92	30	6	13	15	.12	.114	.094	.062
512—	2N5951	TO-92	30	7	13	15	.11	.104	.083	.073
512—	TIS75	TO-92-3	30	8	80	15	.18	.161	.146	.124
512—	2N5950	TO-92	30	10	15	15	.11	.104	.083	.073
512—	BF256C	TO-92	30	11	18	15	.12	.114	.094	.062
512—	BF244C	TO-92-3	30	12	25	15	.12	.114	.094	.062
512—	BF245C	TO-92	30	12	25	15	.12	.114	.094	.062
512—	TIS74	TO-92-3	30	20	100	15	.18	.161	.146	.136
512—	2N5639	TO-92	30	25	-	20	.14	.123	.104	.083
◆512—	MMBF4392	SOT-23	30	25	75	20	.16	.142	.115	.094
512—	PN4392	TO-92	30	25	75	20	.20	.133	.11	.085
512—	BF246A	TO-92	30	30	80	15	.15	.133	.10	.079
512—	2N5638	TO-92	30	50	-	20	.14	.123	.104	.083
◆512—	MMBF4391	SOT-23	30	50	150	20	.16	.142	.115	.094
512—	PN4391	TO-92	30	50	150	20	.12	.114	.094	.073
512—	J113	TO-92	35	2	-	15	.16	.143	.115	.083
◆512—	MMBFJ113	SOT-23	35	2	-	15	.20	.171	.157	.125
512—	J112	TO-92	35	5	-	15	.22	.162	.135	.098
◆512—	MMBF4416A	SOT-23	35	5	15	15	.12	.104	.094	.073
◆512—	MMBFJ112	SOT-23	35	5	-	15	.28	.20	.184	.125
512—	J111	TO-92	35	20	-	15	.22	.162	.135	.098
◆512—	MMBFJ111	SOT-23	35	20	-	15	.20	.171	.157	.125
◆512—	MMBF4117	SOT-23	40	0.03	0.09	10	.19	.161	.146	.115
512—	PN4117	TO-92-3	40	0.03	0.09	10	.13	.114	.094	.083
512—	PN4117A	TO-92	40	0.03	0.09	10	.13	.114	.094	.083
◆512—	MMBF4118	SOT-23	40	0.08	0.24	10	.19	.161	.146	.115
512—	PN4118	TO-92	40	0.08	0.24	10	.13	.114	.094	.083
512—	J201	TO-92	40	0.2	1	20	.20	.142	.122	.085
◆512—	MMBF4119	SOT-23-3	40	0.2	0.6	10	.19	.161	.146	.115
◆512—	MMBFJ201	SOT-23	40	0.2	1	20	.20	.18	.156	.136
512—	PN4119	TO-92	40	0.2	0.6	10	.13	.114	.094	.083
512—	J202	TO-92	40	0.9	4.5	20	.14	.123	.104	.083
◆512—	MMBFJ202	SOT-23-3	40	0.9	4.5	20	.20	.18	.156	.136
512—	PF5102	TO-92	40	4	20	15	.12	.114	.094	.073
512—	BSR58	SOT-23	40	8	80	15	.17	.152	.125	.094
◆512—	MMBF4093	SOT-23-3	40	8	-	20	.16	.142	.115	.094
512—	PN4093	TO-92	40	8	-	20	.12	.114	.094	.073
◆512—	MMBF5103	SOT-23	40	10	40	15	.16	.142	.115	.094
512—	PF5103	TO-92-3	40	10	40	15	.12	.114	.094	.073
◆512—	MMBF4092	SOT-23-3	40	15	-	20	.16			