FAIRCHILD SEMICONDUCTOR®

Transistors *(Cont.)*

Digi-Reel®

Fig.	Vceo (V)	Ic (mA)	Min. HFE	Digi-Key Part No.	Pricing 1	25	100	Tape and Reel§ Qty.	Pricing
	400	5,000	10	FJP5555TU-ND	.69	13.45	46.84	—	—
	400	5,000	8	KSC5305DFTTU-ND	.68	13.11	45.68	—	—
	400	8,000	5	FJP13007TU-ND	.63	12.10	42.16	—	—
	400	8,000	15	FJP13007H1TU-ND	.59	11.29	39.35	—	—
	400	8,000	26	FJP13007H2TU-ND	.63	12.10	42.16	—	—
	400	12,000	6	FJP13009TU-ND	.76	15.13	52.97	—	—
	400	12,000	15	FJP13009H2TU-ND	.74	14.78	51.71	—	—
	450	2,000	4	KSC5402DTTU-ND	.55	10.54	36.71	—	—
5	450	5,000	4	KSC5338D-ND	.73	14.15	49.29	—	—
	450	5,000	4	KSC5338DTU-ND	.73	14.15	49.29	—	—
	500	5,000	8	FJP5321TU-ND	.59	11.42	39.82	—	—
	600	2,000	4	KSC5502TU-ND	.59	11.29	39.35	—	—
	800	3,000	6	KSC5603DTU-ND	.78	15.55	54.41	—	—
	800	3,000	8	FJP5027TU-ND	.50	9.57	33.34	—	—
	800	3,000	15	FJP5027RTU-ND	.64	12.53	43.68	—	—
	800	3,000	20	FJP5027OTU-ND	.68	13.05	45.48	—	—
	800	3,000	20	KSC5027OTU-ND	.75	14.49	50.47	—	—
				TO-220F — RoHS Compliant					
	230	15,000	55	FJPF5200RTU-ND	1.07	21.44	75.03	—	—
	250	15,000	80	FJPF5200OTU-ND	1.07	21.26	74.38	—	—
	400	8,000	26	FJPF13007H2TU-ND	.63	12.10	42.16	—	—
	400	8,000	5	FJPF13007TU-ND	.62	12.04	41.93	—	—
	400	12,000	6	FJPF13009H2TU-ND	.80	15.46	53.87	—	—
6	400	12,000	6	FJPF13009TU-ND	.73	14.51	50.81	—	—
	400	4,000	8	FJPF3305H1TU-ND	.50	9.83	34.26	—	—
	400	4,000	8	FJPF3305H2TU-ND	.55	10.25	35.14	—	—
	400	4,000	8	FJPF3305TU-ND	.54	10.35	36.07	—	—
	800	3,000	20	FJPF5027OTU-ND	.64	12.44	43.34	—	—
	800	3,000	15	FJPF5027RTU-ND	.64	12.44	43.34	—	—
				D-PAK — RoHS Compliant					
	60	10,000	5	MJD3055TFCT-ND▲	.63	10.94	37.51	2,000	175.96/M
	80	8,000	40	MJD44H11TMCT-ND▲	.59	11.35	40.07	2,500	193.31/M
	100	8,000	1000	KSH122TFCT-ND▲	.63	11.02	37.79	2,000	177.61/M
	100	2,000	200	MJD112TFCT-ND▲	.64	11.19	38.36	2,000	180.09/M
	100	8,000	100	MJD122TFCT-ND▲	.55	10.55	37.22	2,000	180.09/M
	100	3,000	10	MJD31CTFCT-ND▲	.59	10.35	35.50	2,000	166.87/M
	100	6,000	15	MJD41CTFCT-ND▲	.55	10.55	37.22	2,000	180.09/M
7	100	6,000	15	KSH41CTFCT-ND▲	.61	10.69	36.64	2,000	171.83/M
	100	3,000	10	KSH31CTFCT-ND▲	.54	9.33	31.98	2,000	150.35/M
	100	2,000	200	KSH112TMCT-ND▲	.61	11.80	41.64	2,500	201.57/M
	100	8,000	100	KSH122TMCT-ND▲	.61	11.80	41.64	2,500	201.57/M
	300	500	30	MJD340TFCT-ND▲	.39	6.82	23.38	2,000	147.87/M
	400	3,000	10	FJD5553TMCT-ND▲	.57	11.46	34.37	2,500	185.05/M
	400	4,000	10	FJD5304DTFCT-ND▲	.57	10.02	34.35	2,000	161.09/M
	400	5,000	10	FJD5555TMCT-ND▲	.53	11.46	36.19	2,500	213.96/M
	600	2,000	3	KSC5502DTMCT-ND▲	.67	12.90	45.55	2,500	220.57/M
				D2-PAK — RoHS Compliant					
7	100	8,000	200	FJB102TMCT-ND▲	.88	17.24	62.07	800	305.33
				TO-126 — RoHS Compliant					
	60	5,000	160	KSD1691YSTU-ND	.45	8.28	28.38	—	—
	80	1,500	25	BD13916STU-ND	.40	6.56	21.37	—	—
	80	4,000	750	BD679AS-ND	.48	8.88	30.46	—	—
	100	4,000	750	BD681S-ND	.48	8.88	30.46	—	—
	300	100	40	2SC3503DSTU-ND	.47	7.83	25.50	—	—
	300	100	100	2SC3503ESTU-ND	.47	7.83	25.50	—	—
	300	100	160	2SC3503FSTU-ND	.47	7.83	25.50	—	—
8	300	500	30	MJE340STU-ND	.44	7.27	23.68	—	—
	300	500	30	KSE340STU-ND	.41	6.78	22.09	—	—
	400	1,500	5	FJE3303TU-ND	.37	6.86	23.54	—	—
	400	1,500	8	FJE3303H1TU-ND	.41	6.82	22.18	—	—
	400	1,500	5	KSE13003H1ASTU-ND	.44	7.27	23.68	—	—
	400	1,500	5	KSE13003H2ASTU-ND	.44	7.19	23.40	—	—
	400	1,500	14	FJE3303H2TU-ND	.37	6.86	23.49	—	—
	400	4,000	8	FJE5304DTU-ND	.47	8.65	29.67	—	—
				SOT-523F — RoHS Compliant					
	40	200	30	MMBT3904TCT-ND▲	.37	4.25	11.83	3,000	34.70/M
	40	600	35	MMBT2222ATCT-ND▲	.39	2.65	12.49	3,000	36.35/M
9	50	100	30	FJY3002RCT-ND▲	.44	4.99	13.88	3,000	40.48/M
	50	100	56	FJY3004RCT-ND▲	.31	3.54	9.85	—	—
	50	100	56	FJY3013RCT-ND▲	.31	3.54	9.85	—	—
	50	100	68	FJY3014RCT-ND▲	.36	4.16	11.57	3,000	33.87/M
				SOT-923F — RoHS Compliant					
10	40	200	40	MMBT3904SLCT-ND▲	.51	3.49	16.39	8,000	41.31/M
	40	200	60	MMBT3906SLCT-ND▲	.52	3.53	16.59	8,000	41.31/M
				TO-3P — RoHS Compliant					
	140	10,000	50	FJA4310OTU-ND	1.31	26.29	92.03	—	—
	230	15,000	35	FJA4313RTU-ND	1.37	27.51	96.28	—	—
11	230	15,000	35	FJA4313OTU-ND	1.28	25.63	89.68	—	—
	230	15,000	80	2SC5242OTU-ND	2.15	43.37	156.13	—	—
	230	15,000	55	2SC5242RTU-ND	2.15	43.37	156.13	—	—
	400	12,000	6	FJA13009TU-ND	1.07	21.44	75.03	—	—
				TO-3PF — RoHS Compliant					
12	140	10,000	50	FJAF4310YTU-ND	1.43	28.54	99.88	—	—
	140	10,000	70	FJAF4310OTU-ND	1.42	28.42	99.45	—	—
				16-SOIC — RoHS Compliant					
13	40	200	30	MMPQ3904FSCT-ND▲	1.19	23.42	84.31	2,500	437.01/M
	40	500	35	MMPQ2222ACT-ND▲	1.21	23.81	85.72	2,500	444.44/M
				I²-PAK — RoHS Compliant					
14	800	3,000	20	FJI5603DTU-ND	.92	18.36	64.26	—	—
				SC70-6 — RoHS Compliant					
15	40	200	30	FFB3904CT-ND▲	.46	6.51	19.78	3,000	66.09/M

Fig.	Vceo (V)	Ic (mA)	Min. HFE	Digi-Key Part No.	Pricing 1	25	100	Tape and Reel§ Qty.	Pricing
				SuperSOT™ 6 — RoHS Compliant					
16	40	500	35	FMB2222ACT-ND▲	.44	6.43	20.74	3,000	74.35/M
				PNP Transistors					
				TO-92					
	12	200	20	PN3640-ND◆	.49	9.00	30.88	—	—
	15	200	20	2N5771-ND	1.31	26.42	95.09	—	—
	25	800	20	PN3638A-ND◆	.41	4.67	13.07	—	—
	30	200	30	PN4917-ND	.41	4.71	13.18	—	—
	30	500	50	PN5138-ND	.43	6.25	19.99	—	—
	30	1,200	5,000	MPSA63-ND◆	.48	5.44	15.21	—	—
	30	1,000	30,000	BC516-ND◆	.51	5.78	16.19	—	—
	30	100	110	BC559-ND◆	.48	5.45	15.27	—	—
	40	200	30	2N3906FS-ND◆	.38	4.03	10.74	—	—
	40	200	30	2N3906D26ZCT-ND◆▲	.38	4.03	10.74	2,000	28.92/M
	40	200	30	2N3906TFCT-ND◆▲	.38	4.03	10.74	2,000	28.92/M
	40	200	30	PN4122-ND	.41	6.02	19.26	—	—
	40	500	100	PN4249-ND	.44	5.00	13.99	—	—
	40	500	250	PN4250-ND	.47	5.31	14.86	—	—
1	40	600	30	2N4402-ND	.40	4.37	11.65	—	—
	40	600	20	2N4403-ND◆	.40	4.37	11.65	—	—
	40	600	20	2N4403D26ZCT-ND◆▲	.40	4.37	11.65	2,000	31.39/M
	40	800	30	PN2907-ND◆	.40	4.37	11.65	—	—
	45	800	40	BC327-ND◆	.36	4.96	15.02	—	—
	45	100	110	BC557-ND◆	.48	5.45	15.27	—	—
	45	100	420	BC560CTACT-ND◆▲◊	.24	3.87	6.74	—	—
	50	100	100	BC32725TACT-ND◆◊▲	.32	3.66	10.18	2,000	29.90/M
	60	500	250	PN4250A-ND◆	.47	5.31	14.86	—	—
	60	500	100	MPSA05-ND◆	.33	4.58	13.88	—	—
	60	800	10	PN2907ABUFS-ND◆	.40	4.37	11.65	—	—
	60	800	50	PN2907ATACT-ND◆▲◊	.40	4.37	11.65	2,000	31.45/M
	80	500	100	MPSA56-ND◆	.45	5.20	14.57	—	—
	80	1,000	25	BC640-ND◆	.39	5.39	16.33	—	—
	300	500	25	MPSA92FS-ND◆	.32	4.53	13.71	—	—
				SOT-23 — RoHS Compliant					
	12	200	20	MMBT3640CT-ND▲	.59	11.35	40.07	3,000	193.31/M
	15	200	35	MMBT5771CT-ND▲	1.50	28.99	105.20	3,000	579.93/M
	20	50	60	MMBTH81CT-ND▲	.34	3.85	10.71	3,000	31.45/M
	25	200	60	MMBT4126FSCT-ND▲	.40	4.30	11.48	3,000	31.01/M
	30	1,200	4,000	BCV26FSCT-ND▲	.36	4.18	11.63	3,000	33.87/M
	30	1,200	10,000	MMBTA64FSCT-ND▲	.36	4.11	11.43	3,000	33.87/M
	40	600	20	MMBT4403FSCT-ND▲	.34	3.59	9.58	3,000	25.88/M
	40	200	30	MMBT3906FSCT-ND▲	.30	3.22	8.59	3,000	23.20/M
	40	800	35	MMBT2907CT-ND▲	.37	4.00	10.66	3,000	28.92/M
2	45	800	100	BC80725MTFCT-ND▲	.41	4.46	11.90	3,000	32.12/M
	45	800	100	BC80740MTFCT-ND▲	.41	4.46	11.90	3,000	32.12/M
	50	100	250	MMBT5087CT-ND▲	.34	3.85	10.71	3,000	31.45/M
	60	800	75	BSR16CT-ND▲	.39	4.16	11.07	3,000	29.74/M
	60	800	50	MMBT2907AFSCT-ND▲	.34	3.59	9.58	3,000	25.88/M
	65	100	110	BC856BMTFCT-ND▲	.36	3.91	10.41	3,000	28.09/M
	80	500	100	MMBTA56FSCT-ND▲	.36	4.11	11.43	3,000	33.87/M
	150	600	50	MMBT5401FSCT-ND▲	.42	4.49	11.98	3,000	32.35/M
	300	500	25	KST92MTFCT-ND▲	.36	4.11	11.43	3,000	33.87/M
	300	500	25	MMBTA92FSCT-ND▲	.56	6.41	17.84	3,000	52.05/M
				TO-264 — RoHS Compliant					
	230	13,000	35	FJL4215OTU-ND	2.13	43.03	154.93	—	—
4	230	15,000	80	2SA1943OTU-ND	2.15	43.37	156.13	—	—
	230	15,000	55	2SA1943RTU-ND	2.15	43.37	156.13	—	—
				TO-220 — RoHS Compliant					
	60	5,000	1,000	TIP125TU-ND	.50	9.11	31.23	—	—
	60	8,000	200	TIP105TU-ND	.55	10.76	37.47	—	—
	80	5,000	1,000	TIP126-ND	.50	9.11	31.23	—	—
	80	8,000	40	D45H11-ND	.96	19.13	66.96	—	—
	100	1,000	15	TIP30C-ND	.44	8.05	27.58	—	—
	100	2,000	500	TIP117TU-ND	.49	9.04	30.98	—	—
	100	3,000	10	TIP32CFS-ND	.47	8.73	29.94	—	—
5	100	3,000	10	TIP32CTU-ND	.46	8.58	29.42	—	—
	100	5,000	1,000	TIP127FS-ND	.50	9.11	31.23	—	—
	100	5,000	1,000	TIP127TU-ND	.52	9.64	33.06	—	—
	100	6,000	15	TIP42CTU-ND	.57	10.47	35.91	—	—
	100	6,000	15	TIP42C-ND	.54	9.86	33.83	—	—
	100	8,000	2	TIP107TU-ND	.59	11.29	39.35	—	—
	100	8,000	200	TIP107-ND	.62	12.04	41.93	—	—
	100	8,000	750	BDX54C-ND	.51	9.95	34.66	—	—
				TO-220AB — RoHS Compliant					
5	230	15,000	55	FJP1943RTU-ND	1.32	26.42	92.46	—	—
	230	15,000	80	FJP1943OTU-ND	1.22	24.53	85.86	—	—
				TO-220F — RoHS Compliant					
6	230	15,000	55	FJPF1943RTU-ND	1.36	27.33	95.63	—	—
	230	15,000	80	FJPF1943OTU-ND	1.36	27.33	95.63	—	—
				D-PAK — RoHS Compliant					
	40	1,000	15	KSH30TFCT-ND▲	.53	9.27	31.79	2,000	149.53/M
7	80	8,000	40	MJD45H11TFCT-ND▲	.64	12.32	43.47	2,000	209.83/M
	80	8,000	40	MJD45H11TMCT-ND▲	.64	12.32	43.47	2,500	209.83/M

▲ Cut Tape § For Tape and Reel part number, change CT-ND to TR-ND. ◊ For Tape and Box part number, change CT-ND to TB-ND. ◆ ***RoHS Compliant***

(Continued)