

Fig.	V _{CEO} (V)	V _{CB} (V)	I _C (A)	HFE (Min.)	Pd (TA @ 25°C) (W)	Digi-Key Part No.	Pricing			Tape and Reel\$	
							1	10	100	Qty.	Pricing
TO-220 — RoHS Compliant											
4	100	100	5	1K	2	MJF122GOS-ND	.86	7.63	60.33	—	—
TO-220AB — RoHS Compliant											
40	40	3	25	2	2	TIP31GOS-ND	.54	4.67	36.01	—	—
60	60	2	1K	2	2	TIP110GOS-ND	.78	6.82	52.63	—	—
60	60	5	1K	2	2	TIP120GOS-ND	.65	5.72	44.18	—	—
60	—	10	60	2	2	D44H8GOS-ND	1.01	8.91	70.38	—	—
60	60	3	10	2	2	TIP31AGOS-ND	.51	4.49	34.64	—	—
60	60	8	200	2	2	TIP100GOS-ND	.83	7.32	57.82	—	—
60	60	8	1K	75	2	2N6043GOS-ND	.82	7.18	55.41	—	—
60	60	10	100	2	2	2N6387GOS-ND	.90	7.96	62.84	—	—
60	70	10	20	75	2	MJE3055TGOS-ND	.86	7.63	60.33	—	—
60	70	15	5	1.8	2	2N6487GOS-ND	1.01	8.91	70.38	—	—
70	80	7	30	40	2	2N6292GOS-ND	.90	7.96	62.84	—	—
80	80	1	15	2	2	TIP29BGOS-ND	.56	4.94	38.08	—	—
80	80	8	200	2	2	TIP101GOS-ND	.83	7.32	57.82	—	—
80	—	10	60	2	2	D44H11GOS-ND	1.01	8.91	70.38	—	—
80	80	10	1K	2	2	2N6388GOS-ND	.86	7.63	60.33	—	—
80	80	5	1K	2	2	TIP121GOS-ND	.65	5.72	44.18	—	—
80	80	3	25	2	2	TIP31BGOS-ND	.51	4.49	34.64	—	—
80	90	15	20	1.8	2	2N6488GOS-ND	.96	8.46	66.86	—	—
80	—	15	35	83	2	D44VH10GOS-ND	1.01	8.91	70.38	—	—
100	100	1	15	2	2	TIP29CGOS-ND	.56	4.94	38.08	—	—
100	100	8	1K	75	2	2N6045GOS-ND	.82	7.18	55.41	—	—
100	100	5	1K	2	2	TIP122GOS-ND	.61	5.34	41.14	—	—
100	100	8	1K	2	2	TIP102GOS-ND	.83	7.35	58.08	—	—
100	100	3	25	2	2	TIP31CGOS-ND	.59	4.92	36.93	—	—
100	100	6	30	2	2	TIP41CGOS-ND	.72	6.29	48.49	—	—
100	100	8	750	—	—	BDX33CGOS-ND	.93	8.27	65.36	—	—
100	100	10	750	—	—	BDX33CGOS-ND	.93	8.27	65.36	—	—
100	100	15	250	—	—	BDW42GOS-ND	.93	8.27	65.36	—	—
150	150	8	40	—	—	MJE15028GOS-ND	1.15	10.18	80.44	—	—
150	150	8	20	2	2	MJE15030GOS-ND	1.26	11.22	88.64	—	—
200	400	7	—	60	—	BU406GOS-ND	1.33	11.77	93.01	—	—
250	250	8	70	8	—	MJE15032GOS-ND	1.22	10.81	85.47	—	—
250	350	1	10	—	—	TIP47GOS-ND	.80	7.01	54.03	—	—
300	400	1	10	—	—	TIP48GOS-ND	.80	7.01	54.03	—	—
350	350	4	100	2	—	MJE15034GOS-ND	1.21	10.76	85.01	—	—
400	—	4	10	2	—	MJE13005GOS-ND	.81	7.11	54.85	—	—
400	—	8	8	2	—	MJE13007GOS-ND	.93	8.27	65.36	—	—
400	—	12	8	2	—	MJE13009GOS-ND	1.18	10.50	82.96	—	—
400	—	8	50	2	—	MJE5742GOS-ND	1.61	14.56	117.05	—	—
400	—	5	10	75	—	BUL45GOS-ND	.97	8.59	67.87	—	—
400	700	5	10	—	—	BUL45D2GOS-ND	1.18	10.50	82.96	—	—
400	500	1	30	2	—	TIP50GOS-ND	.80	7.01	54.03	—	—
450	—	2	30	50	—	BUX85GOS-ND	.79	7.00	55.30	—	—
450	—	5	6	75	—	MJE18004GOS-ND	1.01	8.91	70.38	—	—
450	—	8	5	1	—	MJE18008GOS-ND	1.40	12.64	101.58	—	—
TO-220FP — RoHS Compliant											
4	80	—	10	40	2	MJF44H11GOS-ND	1.50	13.50	108.50	—	—
100	100	10	100	2	2	MJF6388GOS-ND	1.50	13.50	108.50	—	—
150	150	8	2	2	2	MJF15030GOS-ND	1.50	13.50	108.50	—	—
TO-225 — RoHS Compliant											
80	80	4	750	—	—	MJE803GOS-ND	.58	5.03	38.79	—	—
100	100	2	500	1.5	—	MJE270GOS-ND	.55	4.85	37.41	—	—
200	200	0.5	30	—	—	MJE344GOS-ND	.54	4.67	36.01	—	—
350	450	0.3	15	—	—	MJE3439GOS-ND	.54	4.67	36.01	—	—
400	—	1.5	5	1.4	—	MJE13003GOS-ND	.48	4.06	30.48	—	—
TO-225AA — RoHS Compliant											
25	40	5	70	1.5	—	MJE200GOS-ND	.59	4.92	36.93	—	—
40	40	1	40	30	—	2N4921GOS-ND	.61	5.31	41.00	—	—
40	40	4	10	—	—	2N5190GOS-ND	.74	6.46	49.86	—	—
40	60	3	12	12.5	—	MJE180GOS-ND	.59	4.92	36.93	—	—
45	45	1.5	25	1.25	—	BD135GOS-ND	.51	4.49	34.64	—	—
60	60	1.5	25	1.25	—	BD137GOS-ND	.51	4.49	34.64	—	—
60	60	1	40	30	—	2N4922GOS-ND	.61	5.31	41.00	—	—
60	60	4	25	40	—	2N5191GOS-ND	.74	6.46	49.86	—	—
60	60	4	750	40	—	MJE800GOS-ND	.58	5.03	38.79	—	—
60	60	4	500	1.5	—	2N6038GOS-ND	.69	6.10	47.10	—	—
60	80	3	12	12.5	—	MJE181GOS-ND	.59	4.92	36.93	—	—
80	80	1	40	30	—	2N4923GOS-ND	.61	5.31	41.00	—	—
80	80	4	20	40	—	2N5192GOS-ND	.65	5.75	44.32	—	—
80	80	4	750	40	—	MJE802GOS-ND	.58	5.03	38.79	—	—
80	80	4	500	1.5	—	2N6039GOS-ND	.69	6.10	47.10	—	—

Fig.	V _{CEO} (V)	V _{CB} (V)	I _C (A)	HFE (Min.)	Pd (TA @ 25°C) (W)	Digi-Key Part No.	Pricing			Tape and Reel\$	
							1	10	100	Qty.	Pricing
5	80	100	3	12	1.5	MJE182GOS-ND	.56	4.73	35.41	—	—
	80	100	1.5	25	1.25	BD139GOS-ND	.51	4.49	34.64	—	—
	100	100	4	750	40	BD681GOS-ND	.57	5.00	38.55	—	—
	100	100	4	40	1.5	MJE243GOS-ND	.55	4.85	37.41	—	—
	300	—	0.5	30	20	MJE340GOS-ND	.59	4.92	36.93	—	—
350	375	0.5	25	20	2N5657GOS-ND	.58	5.03	38.79	—	—	
TO-247 — RoHS Compliant											
6	230	230	15	12	—	MJW3281AGOS-ND	3.02	26.93	220.85	—	—
	250	400	16	8	—	MJW21194GOS-ND	3.59	32.01	262.49	—	—
TO-264/TO-3PBL — RoHS Compliant											
7	200	200	15	25	200	MJL3281AGOS-ND	3.30	29.50	241.88	—	—
	250	400	16	25	200	MJL21196GOS-ND	3.93	35.11	287.90	—	—
	250	400	16	25	200	MJL21194GOS-ND	4.16	37.17	304.83	—	—
	350	350	15	80	230	MJL4281AGOS-ND	5.16	46.47	382.07	—	—
SOT-23 — RoHS Compliant											
8	12	12	2.0	200	.54	NSS12201LT1GOSCT-ND	.45	3.63	27.26	3,000	128.05/M
	15	30	.05	20	.225	MMBT918LT1GOSCT-ND	.51	3.46	16.27	3,000	47.92/M
	15	40	0.2	40	.225	MMBT2369LT1GOSCT-ND	.36	2.41	11.35	3,000	33.05/M
	15	40	0.2	40	.225	MMBT2369ALT1GOSCT-ND	.36	2.41	11.35	3,000	33.05/M
	20	20	2.0	200	.46	NSS20201LT1GOSCT-ND	.45	3.63	27.26	3,000	128.05/M
	25	30	.05	450	.225	MMBT5089LT1GOSCT-ND	.36	2.47	11.63	3,000	33.87/M
	25	30	—	60	.225	MMBT10LT1GOSCT-ND	.51	3.46	16.27	3,000	47.92/M
	30	60	0.6	50	.225	MMBT2222LT1GOSCT-ND	.32	2.09	9.10	3,000	24.79/M
	30	35	0.5	350	.225	MMBT5088LT1GOSCT-ND	.34	2.30	10.85	3,000	32.22/M
	30	30	0.3	5K	.225	MMBT13LT1GOSCT-ND	.36	2.41	11.35	3,000	33.05/M
	30	30	0.3	10K	.225	MMBT14LT1GOSCT-ND	.36	2.41	11.35	3,000	33.05/M
	30	30	0.1	110	.225	BC848LT1GOSCT-ND	.31	2.07	9.01	3,000	24.34/M
	30	30	0.1	200	.225	BC848BLT1GOSCT-ND	.32	2.09	9.10	3,000	24.58/M
	30	30	0.1	420	.225	BC848CLT1GOSCT-ND	.33	2.16	9.37	3,000	25.30/M
	40	75	0.6	50	.225	MMBT2222ALT1GOSCT-ND	.29	1.89	8.21	3,000	22.31/M
	40	75	0.6	35	.225	MMBT2222ALT3GOSCT-ND	.29	1.89	8.21	10,000	16.53/M
	40	60	0.2	70	.225	MMBT3904LT1GOSCT-ND	.28	1.85	8.03	3,000	21.48/M
	40	60	0.2	—	.225	MMBT3904LT3GOSCT-ND	.28	1.85	8.03	10,000	15.70/M
	40	60	0.6	40	.225	MMBT4401LT1GOSCT-ND	.29	1.89	8.21	3,000	22.31/M
	40	40	0.5	10K	.225	MMBT642LT1GOSCT-ND	.44	2.99	14.06	3,000	41.31/M
40	40	2.0									