

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	.72	6.40	50.61	—	—
TO-220AB — RoHS Compliant											
40	40	3	25	2	TIP31GOS-ND	.45	3.92	30.21	—	—	
60	60	2	1K	2	TIP110GOS-ND	.65	5.72	44.15	—	—	
60	60	5	1K	2	TIP120GOS-ND	.55	4.80	37.06	—	—	
60	—	10	60	2	D44H8GOS-ND	.85	7.47	59.04	—	—	
60	60	3	10	2	TIP31AGOS-ND	.43	3.77	29.06	—	—	
60	60	8	200	2	TIP100GOS-ND	.69	6.14	48.50	—	—	
60	60	8	1K	75	2N6043GOS-ND	.69	6.02	46.48	—	—	
60	60	10	100	2	2N6387GOS-ND	.76	6.67	52.72	—	—	
60	70	10	20	75	MJE3055TGOS-ND	.72	6.40	50.61	—	—	
60	70	15	5	1.8	2N6487GOS-ND	.85	7.47	59.04	—	—	
70	80	7	30	40	2N6292GOS-ND	.76	6.67	52.72	—	—	
80	80	1	15	2	TIP298GOS-ND	.47	4.14	31.95	—	—	
80	80	8	200	2	TIP101GOS-ND	.69	6.14	48.50	—	—	
80	—	10	60	2	D44H11GOS-ND	.85	7.47	59.04	—	—	
80	80	10	1K	2	2N6388GOS-ND	.72	6.40	50.61	—	—	
80	80	5	1K	2	TIP121GOS-ND	.55	4.80	37.06	—	—	
80	80	3	25	2	TIP318GOS-ND	.43	3.77	29.06	—	—	
80	90	15	20	1.8	2N6488GOS-ND	.80	7.10	56.09	—	—	
80	—	15	35	83	D44VH10GOS-ND	.85	7.47	59.04	—	—	
100	100	1	15	2	TIP29CGOS-ND	.47	4.14	31.95	—	—	
100	100	8	1K	75	2N6045GOS-ND	.69	6.02	46.48	—	—	
100	100	5	1K	2	TIP122GOS-ND	.51	4.48	34.51	—	—	
100	100	8	1K	2	TIP102GOS-ND	.69	6.17	48.72	—	—	
100	100	3	25	2	TIP31CGOS-ND	.49	4.13	30.98	—	—	
100	100	6	30	2	TIP41CGOS-ND	.60	5.27	40.68	—	—	
100	100	8	750	—	BDX33CGOS-ND	.78	6.94	54.83	—	—	
100	100	10	750	—	BDX33CGOS-ND	.78	6.94	54.83	—	—	
100	100	15	250	—	BDW42GOS-ND	.78	6.94	54.83	—	—	
150	150	8	40	—	MJE15028GOS-ND	.96	8.54	67.48	—	—	
150	150	8	20	2	MJE15030GOS-ND	1.06	9.41	74.36	—	—	
200	400	7	—	60	BU406GOS-ND	1.12	9.88	78.02	—	—	
250	250	8	70	8	MJE15032GOS-ND	1.03	9.07	71.70	—	—	
250	350	1	10	—	TIP47GOS-ND	.67	5.88	45.32	—	—	
300	400	1	10	—	TIP48GOS-ND	.67	5.88	45.32	—	—	
350	350	4	100	2	MJE15034GOS-ND	1.02	9.02	71.31	—	—	
400	—	4	10	2	MJE13005GOS-ND	.68	5.97	46.02	—	—	
400	—	8	8	80	MJE13007GOS-ND	.78	6.94	54.83	—	—	
400	—	12	8	2	MJE13009GOS-ND	.99	8.81	69.59	—	—	
400	—	8	50	2	MJE5742GOS-ND	1.35	12.22	98.19	—	—	
400	—	5	10	75	BUL45GOS-ND	.81	7.21	56.94	—	—	
400	700	5	10	—	BUL45D2GOS-ND	.99	8.81	69.59	—	—	
400	500	1	30	2	TIP50GOS-ND	.67	5.88	45.32	—	—	
450	—	2	30	50	BUX85GOS-ND	.67	5.87	46.39	—	—	
450	—	5	6	75	MJE18004GOS-ND	.85	7.47	59.04	—	—	
450	—	8	5	1	MJE18008GOS-ND	1.17	10.60	85.21	—	—	
TO-220FP — RoHS Compliant											
4	80	—	10	40	2	MJF44H11GOS-ND	1.25	11.32	91.02	—	—
100	100	10	100	2	MJF6388GOS-ND	1.25	11.32	91.02	—	—	
150	150	8	2	2	MJF15030GOS-ND	1.25	11.32	91.02	—	—	
TO-225 — RoHS Compliant											
80	80	4	750	—	MJE803GOS-ND	.49	4.22	32.54	—	—	
100	100	2	500	1.5	MJE270GOS-ND	.46	4.07	31.38	—	—	
200	200	0.5	30	—	MJE344GOS-ND	.45	3.92	30.21	—	—	
350	450	0.3	15	—	MJE3439GOS-ND	.45	3.92	30.21	—	—	
400	—	1.5	5	1.4	MJE13003GOS-ND	.40	3.41	25.57	—	—	
TO-225AA — RoHS Compliant											
25	40	5	70	1.5	MJE200GOS-ND	.49	4.13	30.98	—	—	
40	40	1	40	30	2N4921GOS-ND	.51	4.46	34.39	—	—	
40	40	4	10	—	2N5190GOS-ND	.62	5.42	41.83	—	—	
40	60	3	12	12.5	MJE180GOS-ND	.49	4.13	30.98	—	—	
45	45	1.5	25	1.25	BD135GOS-ND	.43	3.77	29.06	—	—	
60	60	1.5	25	1.25	BD137GOS-ND	.43	3.77	29.06	—	—	
60	60	1	40	30	2N4922GOS-ND	.51	4.46	34.39	—	—	
60	60	4	25	40	2N5191GOS-ND	.62	5.42	41.83	—	—	
60	60	4	750	40	MJE800GOS-ND	.49	4.22	32.54	—	—	
60	60	4	500	1.5	2N6038GOS-ND	.58	5.12	39.51	—	—	
60	80	3	12	12.5	MJE181GOS-ND	.49	4.13	30.98	—	—	
80	80	1	40	30	2N4923GOS-ND	.51	4.46	34.39	—	—	
80	80	4	20	40	2N5192GOS-ND	.55	4.82	37.18	—	—	
80	80	4	750	40	MJE802GOS-ND	.49	4.22	32.54	—	—	
80	80	4	500	1.5	2N6039GOS-ND	.58	5.12	39.51	—	—	

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-247 — RoHS Compliant											
6	230	230	15	12	—	MJW3281AGOS-ND	2.53	22.59	185.27	—	—
250	400	16	8	—	—	MJW21194GOS-ND	3.01	26.85	220.20	—	—
TO-264/TO-3PBL — RoHS Compliant											
7	200	200	15	25	200	MJL3281AGOS-ND	2.77	24.75	202.91	—	—
250	400	16	25	200	200	MJL21196GOS-ND	3.30	29.45	241.51	—	—
250	400	16	25	200	200	MJL21194GOS-ND	3.49	31.19	255.72	—	—
350	350	15	80	230	230	MJL4281AGOS-ND	4.33	38.98	320.51	—	—
SOT-23 — RoHS Compliant											
12	12	2.0	200	.54	—	NSS12201LT1GOSCT-ND	.38	3.05	22.87	3,000	107.42/M
15	30	.05	20	.225	—	MMBT918LT1GOSCT-ND	.43	2.90	13.65	3,000	40.20/M
15	40	0.2	40	.225	—	MMBT2369LT1GOSCT-ND	.30	2.02	9.52	3,000	27.72/M
15	40	0.2	40	.225	—	MMBT2369ALT1GOSCT-ND	.30	2.02	9.52	3,000	27.72/M
20	20	2.0	200	.46	—	NSS20201LT1GOSCT-ND	.38	3.05	22.87	3,000	107.42/M
25	30	.05	450	.225	—	MMBT5089LT1GOSCT-ND	.30	2.07	9.76	3,000	28.42/M
25	30	—	60	.225	—	MMBT10LT1GOSCT-ND	.43	2.90	13.65	3,000	40.20/M
30	60	0.6	50	.225	—	MMBT2222LT1GOSCT-ND	.27	1.75	7.64	3,000	20.79/M
30	35	0.5	350	.225	—	MMBT5088LT1GOSCT-ND	.28	1.93	9.11	3,000	27.03/M
30	30	0.3	5K	.225	—	MMBT13LT1GOSCT-ND	.30	2.02	9.52	3,000	27.72/M
30	30	0.3	10K	.225	—	MMBT14LT1GOSCT-ND	.30	2.02	9.52	3,000	27.72/M
30	30	0.1	110	.225	—	BC848LT1GOSCT-ND	.26	1.74	7.56	3,000	20.42/M
30	30	0.1	200	.225	—	BC848BLT1GOSCT-ND	.27	1.75	7.64	3,000	20.62/M
30	30	0.1	420	.225	—	BC848CLT1GOSCT-ND	.28	1.81	7.86	3,000	21.22/M
40	75	0.6	50	.225	—	MMBT2222ALT1GOSCT-ND	.24	1.59	6.89	3,000	18.71/M
40	75	0.6	35	.225	—	MMBT2222ALT3GOSCT-ND	.19	1.29	5.61	10,000	11.09/M
40	60	0.2	70	.225	—	MMBT3904LT1GOSCT-ND	.24	1.55	6.74	3,000	18.02/M
40	60	0.2	—	.225	—	MMBT3904LT3GOSCT-ND	.24	1.55	6.74	10,000	13.17/M
40	60	0.6	40	.225	—	MMBT4401LT1GOSCT-ND	.24	1.59	6.89	3,000	18.71/M
40	40	0.5	10K	.225	—	MMBT642LT1GOSCT-ND	.37	2.51	11.79	3,000	34.65/M
40	40	2.0	180	.46	—	NSS40201LT1GOSCT-ND	.38	3.05	22.87	3,000	107.42/M
45	55	0.2	500	.225	—	MMBT6429LT1GOSCT-ND	.37	2.51	11.79	3,000	34.65/M
45	50	0.5	100	.225	—	BC817-16LT1GOSCT-ND	.28	1.88	8.16	3,000	22.03/M
45	50	0.5	160	.225	—	BC817-25LT1GOSCT-ND	.26	1.70	7.41	3,000	20.01/M
45	50	0.5	250	.225	—	BC817-40LT1GOSCT-ND	.26	1.70	7.41	3,000	20.01/M
45	50	0.5	100	.225	—	BCX19LT1GOSCT-ND	.33	2.25	10.60	3,000	31.14/M
45	50	0.1	110	.225	—	BC847ALT1GOSCT-ND	.26	1.74	7.56	3,000	20.42/M
45	50	0.1	200	.225	—	BC847BLT1GOSCT-ND	.27	1.75	7.64	3,000	20.62/M
45	50	0.1	420	.2							