

M.C.C. Diodes (Cont.) Micro Commercial Components



Fig. 16 — SOT-23

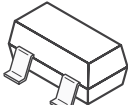


Fig. 17 — SOT-323

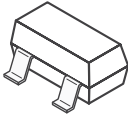


Fig. 18 — SOT-363

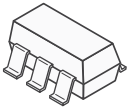


Fig. 19 — SOT-523

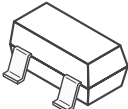


Fig. 20 — SOT-563

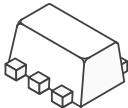


Fig. 21 — Powerlite-123

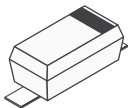


Fig. 22 — TO-220AB

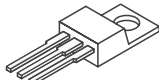


Fig. 23 — D2PAK

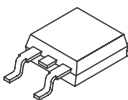


Fig.	DC Reverse Voltage (V)	IF @ 25°C (A)	IFSM @ 25°C (A)	VF @ 25°C (V)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel†		MCC Part No.	
						1	10	100	Qty.	Pricing		
SOT-323												
12	120	0.25	1.0	1.25	BAY19VSTPMSCT-ND	.36	2.48	11.57	3,000	38.83/M	BAY19WS-TP	
	200	0.25	1.0	1.25	BAV20WSTPMSCT-ND	.36	2.48	11.57	3,000	38.83/M	BAV20WS-TP	
	250	0.25	1.0	1.25	BAV21WSTPMSCT-ND	.36	2.48	11.57	3,000	38.83/M	BAV21WS-TP	
	30	0.20	4.0	4.0	BAT42WSTPMSCT-ND	.41	2.97	17.51	3,000	66.09/M	BAT42WS-TP	
	30	0.20	4.0	0.33	BAT43WSTPMSCT-ND	.41	2.97	17.51	3,000	66.09/M	BAT43WS-TP	
	30	—	0.20	0.37	BAT54WS-TPCT-ND	.36	2.48	11.57	3,000	38.83/M	BAT54WS-TP	
	300	0.5	5	0.55	B0530WS-TPMSCT-ND	.44	3.14	18.84	3,000	62.79/M	B0530WS-TP	
	20	1.0	10	0.75	B5817WS-TPMSCT-ND	.44	3.14	18.84	3,000	62.79/M	B5817WS-TP	
	30	1.0	10	0.875	B5818WS-TPMSCT-ND	.44	3.14	18.84	3,000	62.79/M	B5818WS-TP	
	40	1.0	10	0.90	B5819WS-TPMSCT-ND	.44	3.14	18.84	3,000	62.79/M	B5819WS-TP	
	20	0.35	1.5	0.37	SD103CWSTPMSCT-ND	.41	2.97	17.51	3,000	66.09/M	SD103CWS-TP	
	30	0.35	1.5	0.37	SD103BWSTPMSCT-ND	.46	3.30	19.83	3,000	66.09/M	SD103BWS-TP	
	40	0.35	1.5	0.37	SD103AWSTPMSCT-ND	.41	2.97	17.51	3,000	66.09/M	SD103AWS-TP	
40	0.001	2.0	0.39	SD101CWSTPMSCT-ND	.41	2.97	17.51	3,000	66.09/M	SD101CWS-TP		
50	0.001	2.0	0.4	SD101BWSTPMSCT-ND	.41	2.97	17.51	3,000	66.09/M	SD101BWS-TP		
60	0.001	2.0	0.41	SD101AWSTPMSCT-ND	.41	2.97	17.51	3,000	66.09/M	SD101AWS-TP		
20	0.500	2.0	0.47	RB551V-30-TPMSCT-ND	.40	2.83	16.64	3,000	62.79/M	RB551V-30-TP		
30	0.03	0.20	0.37	RB751V-40-TPMSCT-ND	.40	2.83	16.64	3,000	62.79/M	RB751V-40-TP		
40	0.100	1.0	0.45	RB500V-40-TPMSCT-ND	.40	2.83	16.64	3,000	62.79/M	RB500V-40-TP		
40	0.100	1.0	0.55	RB501V-40-TPMSCT-ND	.40	2.83	16.64	3,000	62.79/M	RB501V-40-TP		
SOT-523												
14	30	0.20	0.60	0.32	BAT54WX-TPCT-ND	.36	2.48	11.57	3,000	38.83/M	BAT54WX-TP	
	30	0.20	1.0	0.60	RB520S-30-TPMSCT-ND	.40	2.83	16.64	3,000	62.79/M	RB520S-30-TP	
	30	0.20	1.0	0.50	RB521S-30-TPMSCT-ND	.40	2.83	16.64	3,000	62.79/M	RB521S-30-TP	
	30	0.03	0.20	0.37	RB751S-40-TPMSCT-ND	.40	2.83	16.64	3,000	62.79/M	RB751S-40-TP	
	40	0.20	1.0	0.37	RB520S-40-TPMSCT-ND	.40	2.83	16.64	3,000	62.79/M	RB520S-40-TP	
SOT-723												
15	30	0.10	0.5	0.45	RB520G-30-TPMSCT-ND	.41	2.97	17.51	8,000	59.48/M	RB520G-30-TP	
	30	0.10	1.0	0.35	RB521G-30-TPMSCT-ND	.41	2.97	17.51	8,000	59.48/M	RB521G-30-TP	
	30	0.03	0.20	0.37	RB751G-40-TPMSCT-ND	.41	2.97	17.51	8,000	59.48/M	RB751G-40-TP	
SOT-23												
16	30	0.30	1.0	0.40	BAT54TPMSCT-ND	.45	3.10	14.46	3,000	48.54/M	BAT54-TP	
	30	0.30	1.0	0.40	BAT54ATPMSCT-ND	.45	3.10	14.46	3,000	48.54/M	BAT54A-TP	
	30	0.30	1.0	0.40	BAT54CTPMSCT-ND	.45	3.10	14.46	3,000	48.54/M	BAT54C-TP	
	30	0.30	1.0	0.40	BAT54STPMSCT-ND	.45	3.10	14.46	3,000	48.54/M	BAT54S-TP	
	40	0.20	—	0.38	BAS40TPMSCT-ND	.36	2.60	15.32	3,000	57.83/M	BAS40-TP	
	40	0.20	—	0.38	BAS40-04TPMSCT-ND	.36	2.60	15.32	3,000	57.83/M	BAS40-04-TP	
	40	0.20	—	0.38	BAS40-05TPMSCT-ND	.36	2.60	15.32	3,000	57.83/M	BAS40-05-TP	
	40	0.20	—	0.38	BAS40-06TPMSCT-ND	.36	2.60	15.32	3,000	57.83/M	BAS40-06-TP	
	70	0.20	—	0.41	BAS70TPMSCT-ND	.36	2.60	15.32	3,000	57.83/M	BAS70-TP	
	70	0.20	—	0.41	BAS70-04TPMSCT-ND	.36	2.60	15.32	3,000	57.83/M	BAS70-04-TP	
	70	0.20	—	0.41	BAS70-05TPMSCT-ND	.36	2.60	15.32	3,000	57.83/M	BAS70-05-TP	
	75	0.20	1.0	1.0	MMBD4148CA-TPMSCT-ND	.27	1.86	8.67	3,000	29.12/M	MMBD4148CA-TP	
75	0.20	1.0	1.0	MMBD4148CC-TPMSCT-ND	.27	1.86	8.67	3,000	29.12/M	MMBD4148CC-TP		
75	0.20	1.0	1.0	MMBD4148SE-TPMSCT-ND	.27	1.86	8.67	3,000	29.12/M	MMBD4148SE-TP		
75	0.50	4.0	0.855	MMBD4448TPMSCT-ND	.36	2.48	11.57	3,000	38.83/M	MMBD4448-TP		
SOT-323												
17	75	0.50	4.0	0.855	MMBD4448WTTPMSCT-ND	.36	2.60	15.32	3,000	57.83/M	MMBD4448WT-TP	
	40	0.20	—	0.38	BAS40WT-TPCT-ND	.40	2.73	12.72	3,000	42.71/M	BAS40WT-TP	
	30	0.20	0.60	0.32	BAT54WT-TPCT-ND	.40	2.73	12.72	3,000	42.71/M	BAT54WT-TP	
	30	0.20	0.60	0.32	BAT54AWT-TPCT-ND	.45	3.10	14.46	3,000	48.54/M	BAT54AWT-TP	
	30	0.20	0.60	0.32	BAT54CWT-TPCT-ND	.45	3.10	14.46	3,000	48.54/M	BAT54CWT-TP	
	30	0.20	0.60	0.32	BAT54SWT-TPCT-ND	.45	3.10	14.46	3,000	48.54/M	BAT54SWT-TP	
SOT-363												
18	30	0.20	0.60	1.0	BAT54TW-TPCT-ND	.40	2.77	18.17	3,000	80.55/M	BAT54TW-TP	
	30	0.20	0.60	1.0	BAT54CDW-TPCT-ND	—	4.13	33.04	—	—	BAT54CDW-TP	
	30	0.20	0.60	1.0	BAT54SDW-TPCT-ND	.46	3.47	27.26	3,000	152.83/M	BAT54SDW-TP	
	30	0.20	0.60	1.0	BAT54BRW-TPCT-ND	.46	3.47	27.26	3,000	152.83/M	BAT54BRW-TP	
	40	—	—	1.0	BAS40DW-04-TPCT-ND	.46	3.47	27.26	3,000	152.83/M	BAS40DW-04-TP	
	40	—	—	1.0	BAS40DW-06-TPCT-ND	.46	3.47	27.26	3,000	152.83/M	BAS40DW-06-TP	
	40	—	—	1.0	BAS40TW-TPCT-ND	.40	2.77	18.17	3,000	80.55/M	BAS40TW-TP	
	70	0.07	0.1	1.0	BAS70DW-04-TPCT-ND	.55	4.16	32.71	3,000	153.66/M	BAS70DW-04-TP	
	70	0.07	0.1	1.0	BAS70DW-05-TPCT-ND	.55	4.16	32.71	3,000	153.66/M	BAS70DW-05-TP	
	70	0.07	0.1	1.0	BAS70BRW-TPCT-ND	.56	4.34	37.17	3,000	223.05/M	BAS70BRW-TP	
	75	0.07	0.1	1.0	BAV99BRWMSCT-ND	.46	3.47	27.26	3,000	152.83/M	BAV99BRW	
	75	0.25	4.0	0.855	MMBD4448DWTPMSCT-ND	.36	2.60	15.32	3,000	57.83/M	MMBD4448DW-TP	
SOT-523												
19	70	0.07	0.10	0.41	BAS70T-TPCT-ND	.31	2.23	13.13	3,000	49.57/M	BAS70T-TP	
	30	0.20	0.60	0.32	BAT54T-TPCT-ND	.31	2.23	13.13	3,000	49.57/M	BAT54T-TP	
	30	0.20	0.60	0.32	BAT54AT-TPCT-ND	.41	2.97	17.51	3,000	66.09/M	BAT54AT-TP	
	30	0.20	0.60	0.32	BAT54CT-TPCT-ND	.41	2.97	17.51	3,000	66.09/M	BAT54CT-TP	
	30	0.20	0.60	0.32	BAT54ST-TPCT-ND	.41	2.97	17.51	3,000	66.09/M	BAT54ST-TP	
	40	0.03	0.20	0.37	RB715W-TPMSCT-ND	.31	2.23	13.13	3,000	49.57/M	RB715W-TP	
SOT-563												
20	30	0.20	—	0.40	BAT54VTPMSCT-ND	.31	2.23	13.13	3,000	49.57/M	BAT54V-TP	
	40	0.20	—	0.38	BAS40VTPMSCT-ND	.41	2.97	17.51	3,000	66.09/M	BAS40V-TP	
	80	0.50	4.0	0.855	MMBD4448VTPMSCT-ND	.31	2.23	13.13	3,000	49.57/M	MMBD4448V-TP	
Powerlite-123												
21	50	1.0	30	1.1	SM4001PL-TPMSCT-ND	.41	2.97	17.51	2,500	66.09/M	SM4001PL-TP	
	100	1.0	30	1.1	SM4002PL-TPMSCT-ND	.41	2.97	17.51	2,500	66.09/M	SM4002PL-TP	
	200	1.0	30	1.1	SM4003PL-TPMSCT-ND	.41	2.97	17.51	2,500	66.09/M	SM4003PL-TP	
	400	1.0	30	1.1	SM4004PL-TPMSCT-ND	.41	2.97	17.51	2,500	66.09/M	SM4004PL-TP	
	600	1.0	30	1.1	SM4005PL-TPMSCT-ND	.41	2.97	17.51	2,500	66.09/M	SM4005PL-TP	
	800	1.0	30	1.1	SM4006PL-TPMSCT-ND	.41	2.97	17.51	2,500	66.09/M	SM4006PL-TP	
	1000	1.0	30	1.1	SM4007PL-TPMSCT-ND	.41	2.97	17.51	2,500	66.09/M	SM4007PL-TP	
	14	1.0	30	.45	SM5817PL-TPMSCT-ND	.41	2.97	17.51	2,500	66.09/M	SM5817PL-TP	
	21	1.0	30	.56	SM5818PL-TPMSCT-ND	.41	2.97	17.51	2,500	66.09/M	SM5818PL-TP	
	28	1.0	30	.60	SM5819PL-TPMSCT-ND	.41	2.97	17.51	2,500	66.09/M	SM5819PL-TP	
	14	2.0	50	.50	SMD22PL-TPMSCT-ND	.43	3.05	19.99	2,500	88.60/M	SMD22PL-TP	
	28	2.0	50	.50	SMD24PL-TPMSCT-ND	.43	3.05	19.99	2,500	88.60/M	SMD24PL-TP	
42	2.0	50	.70	SMD26PL-TPMSCT-ND	.43	3.05	19.99	2,500	88.60/M	SMD26PL-TP		
50	1.0	30	1.0	UFM11PL-TPMSCT-ND	.43	3.05	19.99	2,500	81.79/M	UFM11PL-TP		
100	1.0	30	1.0	UFM12PL-TPMSCT-ND	.43	3.05	19.99	2,500	81.79/M	UFM12PL-TP		
200	1.0	30	1.0	UFM13PL-TPMSCT-ND	.43	3.05	19.99	2,500	81.79/M	UFM13PL-TP		
400	1.0	30	1.4	UFM14PL-TPMSCT-ND	.43	3.05	19.99	2,5				