

DIODES General Purpose and Schottky Diodes
Schottky Barrier Rectifiers (Cont.)



Fig.	Max. Avg. Rectified Current (A)	Max. Peak Reverse Voltage (V)	Max. Surge Current 8.3ms (A)	Max. Rev. Current @ 25°C (mA)	Max. Peak Forward Voltage (V)	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel		
							1	10	100		Qty.	Pricing	
2	1.0	80	30	0.5	0.79	B180-FDICT-ND	.99	8.53	67.33	B180-FDITR-ND	5,000	302.99/M	
	1.0	90	30	0.5	0.79	B190-FDICT-ND	1.01	8.74	69.01	B190-FDITR-ND	5,000	310.56/M	
	1.0	100	30	0.5	0.79	B1100-FDICT-ND	.49	3.84	26.26	B1100-FDITR-ND	5,000	104.36/M	
	2.0	20	50	0.5	0.50	B220A-FDICT-ND	.65	4.63	30.86	B220A-FDITR-ND	5,000	104.93/M	
	2.0	30	50	0.5	0.50	B230A-FDICT-ND	.65	4.63	30.86	B230A-FDITR-ND	5,000	104.93/M	
	2.0	40	50	0.5	0.50	B240A-FDICT-ND	.65	4.63	30.86	B240A-FDITR-ND	5,000	104.93/M	
	2.0	50	50	0.5	0.70	B250A-FDICT-ND	.58	4.69	35.18	B250A-FDITR-ND	5,000	154.58/M	
	2.0	60	50	0.5	0.70	B260A-FDICT-ND	.57	4.48	30.63	B260A-FDITR-ND	5,000	121.76/M	
	3.0	20	100	0.5	0.50	B320A-FDICT-ND	.74	6.40	50.50	B320A-FDITR-ND	5,000	227.24/M	
	3.0	30	100	0.5	0.50	B330A-FDICT-ND	.62	4.94	37.03	B330A-FDITR-ND	5,000	162.72/M	
	3.0	40	100	0.5	0.50	B340A-FDICT-ND	.56	4.44	33.33	B340A-FDITR-ND	5,000	146.45/M	
	3.0	40	70	1.0	0.35	B340LA-FDICT-ND	.68	5.43	40.73	B340LA-FDITR-ND	5,000	178.99/M	
3.0	50	100	0.5	0.70	B350A-FDICT-ND	.74	5.93	44.44	B350A-FDITR-ND	5,000	195.26/M		
3.0	60	100	0.5	0.7	B360A-FDICT-ND	.62	4.94	37.03	B360A-FDITR-ND	5,000	162.72/M		
SMB													
2	1.0	20	30	0.5	0.50	B120B-FDICT-ND	.49	3.84	26.26	B120B-FDITR-ND	3,000	111.10/M	
	1.0	20	30	0.5	0.55	SK12DICT-ND	.66	5.30	39.69	—	—	—	
	1.0	20	30	0.5	0.55	SK12-FDICT-ND	.74	6.40	50.50	SK12-FDITR-ND	3,000	244.07/M	
	1.0	30	30	0.5	0.50	B130B-FDICT-ND	.59	4.21	28.05	B130B-FDITR-ND	3,000	101.00/M	
	1.0	30	40	1.0	0.445	B130LB-FDICT-ND	.53	4.16	28.45	B130LB-FDITR-ND	3,000	120.07/M	
	1.0	30	25	0.5	0.55	SK13-FDICT-ND	.76	6.61	52.18	SK13-FDITR-ND	3,000	252.21/M	
	1.0	40	30	0.5	0.50	B140B-FDICT-ND	.65	4.63	30.86	B140B-FDITR-ND	3,000	111.10/M	
	1.0	40	45	0.1	0.53	B140HB-FDICT-ND	.49	3.84	26.26	B140HB-FDITR-ND	3,000	111.10/M	
	1.0	40	25	0.5	0.55	SK14-FDICT-ND	.79	6.82	53.86	SK14-FDITR-ND	3,000	260.34/M	
	1.0	50	30	0.5	0.50	B150B-FDICT-ND	.84	7.25	57.23	B150B-FDITR-ND	3,000	276.62/M	
	1.0	50	25	0.5	0.70	SK15-FDICT-ND	1.13	9.81	77.43	SK15-FDITR-ND	3,000	374.24/M	
	1.0	60	30	0.5	0.70	B160B-FDICT-ND	.84	7.25	57.23	B160B-FDITR-ND	3,000	276.62/M	
	1.0	60	25	0.5	0.70	SK16-FDICT-ND	1.11	9.92	78.78	SK16-FDITR-ND	3,000	408.47/M	
	1.0	70	30	0.5	0.79	B170B-FDICT-ND	1.07	9.17	72.38	B170B-FDITR-ND	3,000	350.12/M	
	1.0	80	30	0.5	0.79	B180BDICT-ND	.93	8.06	63.62	—	—	—	
	1.0	80	30	0.5	0.79	B180B-FDICT-ND	1.09	9.38	74.06	B180B-FDITR-ND	3,000	357.97/M	
	1.0	90	30	0.5	0.79	B190B-FDICT-ND	1.11	9.59	75.75	B190B-FDITR-ND	3,000	366.11/M	
	1.0	100	30	0.5	0.79	B1100B-FDICT-ND	1.13	9.81	77.43	B1100B-FDITR-ND	3,000	374.24/M	
	1.0	100	50	0.5	0.75	B1100LB-FDICT-ND	.61	4.80	32.82	B1100LB-FDITR-ND	3,000	138.87/M	
	2.0	20	50	0.5	0.50	B220-FDICT-ND	.61	4.80	32.82	B220-FDITR-ND	3,000	139.15/M	
	2.0	30	50	0.5	0.50	B230-FDICT-ND	.61	4.80	32.82	B230-FDITR-ND	3,000	138.87/M	
	2.0	40	50	0.5	0.50	B240-FDICT-ND	.61	4.80	32.82	B240-FDITR-ND	3,000	138.87/M	
	2.0	50	50	0.5	0.70	B250-FDICT-ND	.57	4.48	30.63	B250-FDITR-ND	3,000	129.61/M	
	2.0	60	50	0.5	0.70	B260-FDICT-ND	.53	4.16	28.45	B260-FDITR-ND	3,000	120.35/M	
	2.0	70	50	0.70	0.79	B270-FDICT-ND	1.19	10.68	84.84	B270-FDITR-ND	3,000	439.89/M	
	2.0	80	50	0.70	0.79	B280-FDICT-ND	.65	5.12	35.01	B280-FDITR-ND	3,000	148.13/M	
	2.0	90	50	0.70	0.79	B290-FDICT-ND	1.28	11.45	90.89	B290-FDITR-ND	3,000	471.31/M	
	2.0	100	50	0.70	0.79	B2100-FDICT-ND	.65	5.12	35.01	B2100-FDITR-ND	3,000	148.13/M	
	3.0	20	100	0.5	0.50	B320B-FDICT-ND	.65	5.18	38.88	B320B-FDITR-ND	3,000	182.63/M	
	3.0	30	100	0.5	0.50	B330B-FDICT-ND	.68	5.43	40.73	B330B-FDITR-ND	3,000	191.33/M	
	3.0	40	100	0.5	0.50	B340B-FDICT-ND	.65	5.12	35.01	B340B-FDITR-ND	3,000	148.13/M	
	3.0	40	70	2.0	0.45	B340LB-FDICT-ND	.56	4.44	33.33	B340LB-FDITR-ND	3,000	156.54/M	
	3.0	50	100	0.5	0.70	B350B-FDICT-ND	.74	5.93	44.44	B350B-FDITR-ND	3,000	208.73/M	
	3.0	60	100	0.5	0.50	B360B-FDICT-ND	.68	5.43	40.73	B360B-FDITR-ND	3,000	191.33/M	
	SMC — RoHS Compliant												
	2	3.0	20	100	0.5	0.50	B320-FDICT-ND	.62	4.94	37.03	B320-FDITR-ND	3,000	173.94/M
3.0		20	100	0.5	0.50	SK32-FDICT-ND	1.54	13.74	109.07	SK32-FDITR-ND	500	383.78	
3.0		30	100	0.5	0.50	B330-FDICT-ND	.71	5.68	42.59	B330-FDITR-ND	3,000	200.03/M	
3.0		30	100	0.5	0.50	SK33-FDICT-ND	1.58	14.12	112.10	SK33-FDITR-ND	500	394.44	
3.0		40	100	0.5	0.50	B340-FDICT-ND	.56	4.44	33.33	B340-FDITR-ND	3,000	156.54/M	
3.0		40	100	0.5	0.50	SK34-FDICT-ND	1.62	14.50	115.13	SK34-FDITR-ND	500	405.10	
3.0		50	100	0.5	0.70	B350-FDICT-ND	.74	5.93	44.44	B350-FDITR-ND	3,000	208.73/M	
3.0		50	100	0.5	0.75	SK35-FDICT-ND	2.09	17.84	145.71	SK35-FDITR-ND	500	520.40	
3.0		60	100	0.5	0.70	B360-FDICT-ND	.68	5.43	40.73	B360-FDITR-ND	3,000	191.33/M	
3.0		60	100	0.5	0.75	SK36-FDICT-ND	2.36	20.20	164.96	SK36-FDITR-ND	500	589.13	
3.0		70	100	0.5	0.79	B370-FDICT-ND	.86	6.91	51.84	B370-FDITR-ND	3,000	243.51/M	
3.0		80	100	0.5	0.79	B380-FDICT-ND	1.96	17.55	139.37	B380-FDITR-ND	3,000	722.67/M	
3.0		90	100	0.5	0.79	B390-FDICT-ND	2.01	17.93	142.40	B390-FDITR-ND	3,000	738.38/M	
3.0		100	100	0.5	0.79	B3100-FDICT-ND	.74	6.40	50.50	B3100-FDITR-ND	3,000	244.07/M	
5.0		20	175	0.5	0.55	B520C-FDICT-ND	1.19	10.23	80.80	B520C-FDITR-ND	3,000	390.52/M	
5.0		30	175	0.5	0.55	B530C-FDICT-ND	1.19	10.23	80.80	B530C-FDITR-ND	3,000	390.52/M	
5.0		40	175	0.5	0.55	B540C-FDICT-ND	1.19	10.23	80.80	B540C-FDITR-ND	3,000	390.52/M	
5.0		50	175	0.5	0.70	B550C-FDICT-ND	1.11	9.92	78.78	B550C-FDITR-ND	3,000	408.47/M	
5.0		60	175	0.5	0.70	B560C-FDICT-ND	1.11	9.92	78.78	B560C-FDITR-ND	3,000	408.47/M	
DO-201AD — RoHS Compliant													
4		3.0	20	80	2.0	0.475	1N5820DICT-ND	.83	6.67	49.99	1N5820DITR-ND	1,200	257.54/M
		3.0	30	80	2.0	0.500	1N5821DICT-ND	.83	6.67	49.99	1N5821DITR-ND	1,200	257.54/M
		3.0	40	80	2.0	0.525	1N5822DICT-ND	.83	6.67	49.99	1N5822DITR-ND	1,200	257.54/M
		3.0	50	80	0.5	0.74	SB350-TDICT-ND NEW!	.77	6.17	46.29	SB350-TDITR-ND NEW!	1,200	239.02/M
	3.0	100	80	0.5	0.79	SB3100DICT-ND	.74	6.40	50.50	SB3100DITR-ND	1,200	269.32/M	
	5.0	30	250	1.0	0.55	SR503DICT-ND	.98	8.43	66.51	—	—	—	
5.0	100	150	0.5	0.80	SB5100DICT-ND	1.45	12.97	103.01	SB5100DITR-ND	1,200	572.30/M		
PowerDI™123 — RoHS Compliant													
6	1.0	30	22	1.0	0.42	DFLS130DICT-ND	.62	4.94	37.03	DFLS130DITR-ND	3,000	173.94/M	
	1.0	30	33	1.0	0.36	DFLS130LDICT-ND	.62	4.94	37.03	DFLS130LDITR-ND	3,000	173.94/M	
	1.0	40	50	0.1	0.36	DFLS140LDICT-ND	.62	4.94	37.03	DFLS140LDITR-ND	3,000	173.94/M	
	1.0	60	50	0.1	0.50	DFLS160DICT-ND	.62	4.94	37.03	DFLS160DITR-ND	3,000	173.94/M	
	1.0	100	40	0.001	0.86	DFLS1100DICT-ND	.74	5.93	44.44	DFLS1100DITR-ND	3,000	208.73/M	
	1.0	150	50	0.002	0.82	DFLS1150DICT-ND	.74	5.93	44.44	DFLS1150DITR-ND	3,000	208.73/M	
	1.0	200	40	0.002	0.85	DFLS1200DICT-ND	.99	8.53	67.33	DFLS1200DITR-ND	3,000	325.43/M	
	1.1	40	40	0.02	0.51	DFLS140DICT-ND	.83	6.67	49.99	DFLS140DITR-ND	3,000	234.82/M	
	2.0	20	22	1.0	0.36	DFLS220LDICT-ND	.89	7.68	60.60	DFLS220LDITR-ND	3,000	292.89/M	
	2.0	30	22	1.0	0.42	DFLS230DICT-ND	.84	7.25	57.23	DFLS230DITR-ND	3,000	276.62/M	
	2.0	30	33	1.0	0.42	DFLS230LDICT-ND	.89	7.68	60.60	DFLS230LDITR-ND	3,000	292.89/M	
	2.0	30	75	0.2	0.45	DFLS230LHDICT-ND	.94	8.10	63.96	DFLS230LHDITR-ND	3,000	309.16/M	
2.0	40	50	0.1	0.50	DFLS240LDICT-ND	.89	7.68	60.60	DFLS240LDITR-ND	3,000	292.89/M</		