

**DIODES** Schottky Barrier Double Diodes

(Top View Shown on all drawings) **Digi-Reel®**

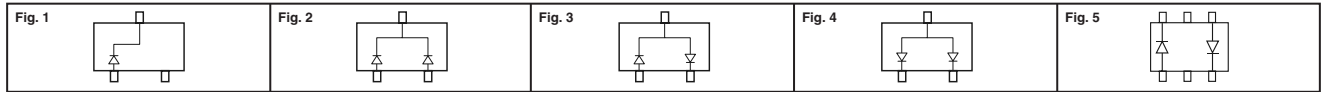


Fig.	Repetitive Peak Reverse Voltage VRRM	Forward Continuous Current IF	Maximum Forward Voltage@IF		Leakage Current	Reverse Recovery Time (nS)	Package	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel Pricing 3,000	
			VF(V)	IF(mA)					1	10	100		
1	30V	200mA	0.8	100	2.0µA	5.0	SOT-23	BAT54-FDICT-ND◆	.44	2.96	13.91	40.88/M	
	40V	200mA	1.0	40	200nA	5.0	SOT-23	BAS40-FDICT-ND◆	.67	4.58	21.55	63.29/M	
	40V	500mA	0.55	500	50µA	—	SOT-23	BAT400D-FDICT-ND◆	.62	4.94	37.03	173.94/M	
	40V	750mA	0.31	100	100µA	10	SOT-23	BAT750-FDICT-ND◆	.62	4.94	37.03	173.94/M	
	70V	70mA	1.0	15	100nA	5.0	SOT-23	BAS70-FDICT-ND◆	.47	3.37	20.20	67.33/M	
	30V	200mA	1.0	100	2µA	5.0	SOT-323	BAT54W-FDICT-ND◆	.56	3.82	17.95	52.74/M	
	40V	200mA	1.0	40	200nA	5.0	SOT-323	BAS40W-FDICT-ND◆	.56	4.04	24.24	80.80/M	
	70V	70mA	1.0	15	100nA	5.0	SOT-323	BAS70WDICT-ND◆	.93	8.06	63.62	—	
	70V	70mA	1.0	15	100nA	5.0	SOT-323	BAS70W-FDICT-ND◆	.63	4.49	26.93	89.78/M	
	40V	30mA	0.37	1.0	150nA	—	SOT-323	SDMG10P45-FDICT-ND◆	.56	4.04	24.24	80.80/M	
	30V	200mA	1.0	100	2.0µA	5.0	SOT-523	BAT54TDICT-ND◆	.53	4.23	31.76	—	
	30V	200mA	1.0	100	2.0µA	5.0	SOT-523	BAT54T-FDICT-ND◆	.55	3.93	23.57	78.55/M	
40V	30mA	0.37	1.0	1.0µA	—	SOT-523	SDMP0340LTDICT-ND◆	.76	6.60	52.06	—		
40V	30mA	0.37	1.0	1.0µA	—	SOT-523	SDMP0340LT-FDICT-ND◆	.59	4.21	28.05	101.00/M		
40V	200mA	0.38	1.0	200nA	5.0	SOT-523	BAS40T-FDICT-ND◆	.63	4.49	26.93	89.78/M		
45V	100mA	0.45	1.0	1µA	—	SOT-523	SDM10P45-FDICT-ND◆	.57	4.04	26.93	96.96/M		
2	30V	200mA	1.0	100	2.0µA	5.0	SOT-23	BAT54C-FDICT-ND◆	.43	2.86	13.47	39.56/M	
	40V	200mA	1.0	40	200nA	5.0	SOT-23	BAS40-05-FDICT-ND◆	.47	3.37	20.20	67.33/M	
	30V	200mA	1.0	100	2µA	5.0	SOT-323	BAT54CW-FDICT-ND◆	.47	3.37	20.20	67.33/M	
	40V	200mA	0.37	1.0	200nA	5.0	SOT-323	BAS40W-05-FDICT-ND◆	.59	4.21	28.05	—	
	40V	200mA	0.41	1.0	1µA	—	SOT-323	SDMG0340L-FDICT-ND◆	.56	4.04	24.24	80.80/M	
	70V	70mA	1.0	15	100nA	5.0	SOT-323	BAS70W-05-FDICT-ND◆	.54	3.79	25.25	90.90/M	
	30V	200mA	1.0	100	2.0µA	5.0	SOT-523	BAT54CT-FDICT-ND◆	.63	4.49	26.93	89.78/M	
	40V	200mA	1.0	40	200nA	5.0	SOT-523	BAS40-05T-FDICT-ND◆	.62	4.94	37.03	173.94/M	
	40V	30mA	0.37	1.0	1.0µA	—	SOT-523	SDMP0340LCTDICT-ND◆	.76	6.60	52.06	—	
	40V	30mA	0.37	1.0	1.0µA	—	SOT-523	SDMP0340LCT-FDICT-ND◆	.63	4.49	26.93	89.78/M	
	3	20V	400mA	0.31	100	100µA	—	SOT-23	SDM40E20LS-FDICT-ND◆	.56	4.44	33.33	156.54/M
		30V	200mA	1.0	100	2µA	5.0	SOT-23	BAT54S-FDICT-ND◆	.50	3.43	16.16	47.47/M
40V		200mA	1.0	40	200nA	5.0	SOT-23	BAS70-04-FDICT-ND◆	.47	3.37	20.20	67.33/M	
70V		70mA	1.0	15	200nA	5.0	SOT-23	BAS70-04-FDICT-ND◆	.47	3.37	20.20	67.33/M	
30V		200mA	1.0	100	2µA	5.0	SOT-323	BAT54SW-FDICT-ND◆	.71	4.77	22.44	65.93/M	
40V		200mA	1.0	40	200nA	5.0	SOT-323	BAS40W-04-FDICT-ND◆	.59	4.21	28.05	101.00/M	
40V		200mA	0.37	1.0	1µA	—	SOT-323	SDMG0340LS-FDICT-ND◆	.56	4.04	24.24	80.80/M	
70V		100mA	1.0	15	100nA	5.0	SOT-323	BAS70W-04-FDICT-ND◆	1.09	9.38	74.06	357.97/M	
40V		200mA	1.0	40	200nA	5.0	SOT-323	BAS40-04T-FDICT-ND◆	.62	4.94	37.03	173.94/M	
40V		200mA	0.37	1.0	1µA	—	SOT-523	SDMP0340LSTDICT-ND◆	.72	5.71	42.87	—	
30V		200mA	0.32	1.0	2µA	5.0	SOT-523	BAT54ST-FDICT-ND◆	.63	4.49	26.93	89.78/M	
40V		200mA	0.37	1.0	1µA	—	SOT-523	SDMP0340LST-FDICT-ND◆	.59	4.21	28.05	101.00/M	
4	30V	200mA	0.8	100	2µA	5.0	SOT-23	BAT54A-FDICT-ND◆	.50	3.43	16.16	47.47/M	
	40V	200mA	1.0	40	200nA	5.0	SOT-23	BAS40-06-FDICT-ND◆	.47	3.37	20.20	67.33/M	
	70V	70mA	0.41	1.0	100nA	5.0	SOT-23	BAS70-06-FDICT-ND◆	.56	4.44	33.33	157.11/M	
	30V	200mA	1.0	100	2µA	5.0	SOT-323	BAT54AWDICT-ND◆	.76	6.60	52.06	—	
	30V	200mA	1.0	100	2µA	5.0	SOT-323	BAT54AW-FDICT-ND◆	.47	3.37	20.20	67.33/M	
	40V	200mA	1.0	40	200nA	5.0	SOT-323	BAS40W-06DICT-ND◆	.85	7.33	57.84	—	
	40V	200mA	1.0	40	200nA	5.0	SOT-323	BAS40W-06-FDICT-ND◆	.59	4.21	28.05	101.00/M	
	40V	200mA	0.37	1.0	1µA	—	SOT-323	SDMG0340LA-FDICT-ND◆	.56	4.04	24.24	80.80/M	
	70V	70mA	0.41	1.0	100nA	5.0	SOT-323	BAS70W-06-FDICT-ND◆	.54	3.79	25.25	90.90/M	
	30V	200mA	1.0	100	2.0µA	5.0	SOT-523	BAT54AT-FDICT-ND◆	.63	4.49	26.93	89.78/M	
	40V	200mA	1.0	40	200nA	5.0	SOT-523	BAS40-06T-FDICT-ND◆	.63	4.49	26.93	89.78/M	
	40V	200mA	0.37	1.0	1µA	—	SOT-523	SDMP0340LATDICT-ND◆	.76	6.60	52.06	—	
40V	200mA	0.37	1.0	1µA	—	SOT-523	SDMP0340LAT-FDICT-ND◆	.63	4.49	26.93	89.78/M		
5	30V	200mA	1.0	100	2µA	5.0	SOT-363	BAT54DW-FDICT-ND◆	.56	4.38	29.97	—	

† For Tape and Reel part number, change CT-ND to TR-ND. ◆ RoHS Compliant

**Schottky Barrier Diode Arrays SOT-363/SOT-26 (200mW)**

**Digi-Reel®**

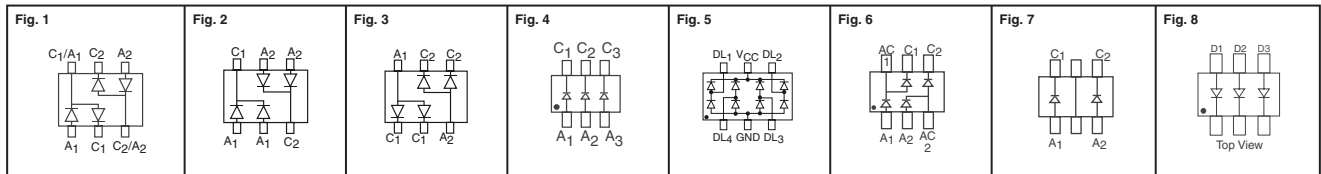


Fig.	Peak Voltage VRRM (V)	Leakage Current	Forward Voltage @IF		Reverse Recovery Time (nS)	Package	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel Pricing 3,000
			VF(V)	IF(mA)				1	10	100		
1	40	200nA	0.38	1.0	5.0	SOT-363	BAS40DW-04-FDICT-ND◆	.83	6.67	49.99	BAS40DW-04-FDITR-ND◆	234.82/M
	40	—	0.37	20	10.0	SOT-26	SD103ASDM-FDICT-ND†	.56	4.44	33.33	SD103ASDM-FDITR-ND†	156.54/M
	45	1.0µA	0.45	10	—	SOT-26	SDM10M45SDICT-ND†	1.02	8.79	69.41	—	—
	45	1.0µA	0.45	10	—	SOT-26	SDM10M45SD-FDICT-ND†	.62	4.94	37.03	SDM10M45SD-FDITR-ND†	173.94/M
	70	100nA	0.41	1.0	5.0	SOT-363	BAS70DW-04-FDICT-ND◆	.74	5.93	44.44	BAS70DW-04-FDITR-ND◆	208.73/M
2	30	2.0µA	0.40	10	5.0	SOT-363	BAT54CDW-FDICT-ND◆	.62	4.94	37.03	BAT54CDW-FDITR-ND◆	173.94/M
	40	200nA	0.38	1.0	5.0	SOT-363	BAS40DW-05-FDICT-ND◆	.83	6.67	49.99	BAS40DW-05-FDITR-ND◆	234.82/M
	70	100nA	1.0	15	5.0	SOT-363	BAS70DW-05-FDICT-ND◆	.74	5.93	44.44	BAS70DW-05-FDITR-ND◆	208.73/M
3	30	2.0µA	0.40	10	5.0	SOT-363	BAT54ADW-FDICT-ND◆	.74	5.93	44.44	BAT54ADW-FDITR-ND◆	208.73/M
	40	200nA	0.38	1.0	5.0	SOT-363	BAS40DW-06-FDICT-ND◆	.83	6.67	49.99	BAS40DW-06-FDITR-ND◆	234.82/M
	70	100nA	0.41	1.0	5.0	SOT-363	BAS70DW-06DICT-ND◆	.92	8.20	65.18	—	—
	70	100nA	0.41	1.0	5.0	SOT-363	BAS70DW-06-FDICT-ND◆	.64	5.08	38.11	BAS70DW-06-FDITR-ND◆	208.73/M
4	30	2.0µA	0.32	1.0	5.0	SOT-363	BAT54TW-FDICT-ND◆	.59	4.21	28.05	BAT54TW-FDITR-ND◆	101.00/M
	40	200nA	0.38	1.0	5.0	SOT-363	BAS40WDICT-ND◆	.76	6.60	52.06	—	—
	40	200nA	0.38	1.0	5.0	SOT-363	BAS40TW-FDICT-ND◆	.86	6.91	51.84	BAS40TW-FDITR-ND◆	243.51/M
	70	100nA	0.41	1.0	5.0	SOT-363	BAS70TW-FDICT-ND◆	.86	6.91	51.84	BAS70TW-FDITR-ND◆	243.51/M
5	30	2.0µA	0.45	10	5.0	SOT-363	QSBT40-FDICT-ND◆	1.19	10.23	80.80	QSBT40-FDITR-ND◆	390.52/M
6	30	2.0µA	0.40	10	5.0	SOT-363	BAT54BRW-FDICT-ND◆	.62	4.94	37.03	BAT54BRW-FDITR-ND◆	173.94/M
	40	200nA	0.38	1.0	5.0	SOT-363	BAS40BRW-FDICT-ND◆	.83	6.67	49.99	BAS40BRW-FDITR-ND◆	234.82/M
7	30	2.0µA	0.40	10	5.0	SOT-363	BAT54JW-FDICT-ND◆	.61	4.80	32.82	BAT54JW-FDITR-ND◆	138.87/M
	70	100nA	1.0	15	5.0	SOT-363	BAS70JW-FDICT-ND◆	.74	5.93	44.44	BAS70JW-FDITR-ND◆	208.73/M
8	40	2.0µA	0.37	20	10.0	SOT-363	SD103ATW-FDICT-ND◆	.54	3.79	25.25	SD103ATW-FDITR-ND◆	90.90/M

† Power Dissipation: 225mW; SOT-26 Package ◆ RoHS Compliant

**Digi-Reel®** Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

Free shipping on orders over \$200 CAD! All prices in Canadian dollars and include duty and brokerage fees.

1-800-344-4539 • www.digikey.ca • 218-681-6674 • Fax: 218-681-3380

(CA2011) 1377