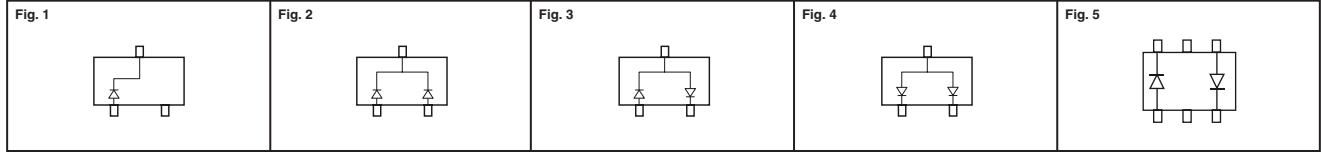


DIODES Schottky Barrier Double Diodes

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



C

Fig.	Repetitive Peak Reverse Voltage V_{RRM}	Forward Continuous Current I_F	Maximum Forward Voltage@ I_F		Leakage Current	Reverse Recovery Time (nS)	Package	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel†	
			V_F (V)	I_F (mA)					10	100	1,000	Qty.	Pricing
1	30V	200mA	1.0	100	2.0µA	5.0	SOT-23	BAT54-FDICT-ND◆	19.81	92.25	355.81	3,000	309.70/M
	40V	200mA	1.0	40	200nA	5.0	SOT-23	BAS40-FDICT-ND◆	30.61	142.83	550.93	3,000	479.52/M
	40V	—	0.55	500	50µA	—	SOT-23	BAT400D-FDICT-ND◆	34.86	280.57	1785.42	3,000	1275.30/M
	40V	750mA	0.31	100	100µA	—	SOT-23	BAT750-FDICT-ND◆	34.86	280.57	1785.42	3,000	1275.30/M
	70V	70mA	1.0	15	200µA	5.0	SOT-23	BAS70-FDICT-ND◆	22.96	135.18	637.65	3,000	510.12/M
	30V	200mA	1.0	100	2µA	5.0	SOT-323	BAT54WDICT-ND◆	40.81	306.07	1632.38	—	—
	30V	200mA	1.0	100	2µA	5.0	SOT-323	BAT54W-FDICT-ND◆	25.51	119.03	459.11	3,000	399.60/M
	40V	200mA	1.0	40	200nA	5.0	SOT-323	BAS40W-FDICT-ND◆	59.51	510.12	3400.80	3,000	2380.56/M
	70V	100mA	1.0	15	100nA	5.0	SOT-323	BAS70WDICT-ND◆	59.85	448.91	2712.14	—	—
	70V	100mA	1.0	15	100nA	5.0	SOT-323	BAS70W-FDICT-ND◆	30.61	180.24	850.20	3,000	680.16/M
	40V	30mA	0.37	1.0	150nA	—	SOT-323	SDMG0340L-FDICT-ND◆	27.55	162.22	765.18	3,000	612.15/M
	30V	200mA	1.0	100	2.0µA	5.0	SOT-523	BAT54TDICT-ND◆	34.01	255.06	1360.32	3,000	1275.30/M
30V	200mA	1.0	100	2.0µA	5.0	SOT-523	BAT54T-FDICT-ND◆	34.86	280.57	1785.42	3,000	1275.30/M	
40V	30mA	0.37	1.0	1.0µA	—	SOT-523	SDMPO340LTDICT-ND◆	55.09	413.20	2372.06	—	—	
40V	30mA	0.37	1.0	1.0µA	—	SOT-523	SDMPO340LT-FDICT-ND◆	53.56	459.11	3060.72	3,000	2142.51/M	
40V	200mA	0.38	1.0	200nA	5.0	SOT-523	BAS40T-FDICT-ND◆	47.61	408.10	2720.64	3,000	1904.45/M	
45V	100mA	0.45	10	1µA	—	SOT-523	SDM10P45-FDICT-ND◆	53.56	459.11	3060.72	3,000	2142.51/M	
2	30V	200mA	1.0	100	2.0µA	5.0	SOT-23	BAT54C-FDICT-ND◆	19.13	89.27	344.33	3,000	299.70/M
	40V	200mA	1.0	40	200nA	5.0	SOT-23	BAS40-05-FDICT-ND◆	22.96	135.18	637.65	3,000	510.12/M
	30V	200mA	1.0	100	2µA	5.0	SOT-323	BAT54CW-FDICT-ND◆	22.96	135.18	637.65	3,000	510.12/M
	40V	200mA	1.0	40	200nA	5.0	SOT-323	BAS40W-05DICT-ND◆	54.41	408.10	2465.58	—	—
	40V	200mA	1.0	40	200nA	5.0	SOT-323	BAS40W-05-FDICT-ND◆	28.48	187.04	1020.24	—	—
	40V	200mA	0.37	1.0	1µA	—	SOT-323	SDMG0340LC-FDICT-ND◆	47.10	378.76	2410.32	3,000	1721.66/M
	70V	70mA	0.41	1.0	100nA	5.0	SOT-323	BAS70W-05-FDICT-ND◆	65.47	561.13	3740.88	3,000	2618.62/M
	30V	200mA	1.0	100	2.0µA	5.0	SOT-523	BAT54CT-FDICT-ND◆	44.64	382.59	2550.60	3,000	1785.42/M
	40V	200mA	1.0	40	200nA	5.0	SOT-523	BAS40-05T-FDICT-ND◆	34.86	280.57	1785.42	3,000	1275.30/M
	40V	30mA	0.37	1.0	1.0µA	—	SOT-523	SDMPO340LCTDICT-ND◆	55.09	413.20	2372.06	—	—
	40V	30mA	0.37	1.0	1.0µA	—	SOT-523	SDMPO340LCT-FDICT-ND◆	53.01	180.24	850.20	3,000	680.16/M
	3	20V	400mA	0.31	100	100µA	—	SOT-23	SDM40E20LS-FDICT-ND◆	31.37	252.51	1606.88	3,000
30V		200mA	1.0	100	2µA	5.0	SOT-23	BAT54S-FDICT-ND◆	22.96	107.13	413.20	3,000	359.64/M
40V		200mA	1.0	40	200nA	5.0	SOT-23	BAS40-04-FDICT-ND◆	22.96	135.18	637.65	3,000	510.12/M
70V		70mA	1.0	15	200nA	5.0	SOT-23	BAS70-04-FDICT-ND◆	22.96	135.18	637.65	3,000	510.12/M
30V		200mA	1.0	100	2µA	5.0	SOT-323	BAT54SW-FDICT-ND◆	31.88	148.79	573.89	3,000	499.50/M
40V		200mA	1.0	40	200nA	5.0	SOT-323	BAS40W-04-FDICT-ND◆	28.48	187.04	1020.24	3,000	765.18/M
40V		200mA	0.37	1.0	1µA	—	SOT-323	SDMG0340LS-FDICT-ND◆	27.55	162.22	765.18	3,000	612.15/M
70V		100mA	1.0	15	100nA	5.0	SOT-323	BAS70W-04-FDICT-ND◆	65.47	561.13	3740.88	3,000	2618.62/M
40V		200mA	1.0	40	200nA	5.0	SOT-523	BAS40-04T-FDICT-ND◆	34.86	280.57	1785.42	3,000	1275.30/M
40V		200mA	0.37	1.0	1µA	—	SOT-523	SDMPO340LSTDICT-ND◆	45.91	344.33	1836.43	—	—
30V		200mA	0.32	1.0	2µA	5.0	SOT-523	BAT54ST-FDICT-ND◆	44.64	382.59	2550.60	3,000	1785.42/M
40V		200mA	0.37	1.0	1µA	—	SOT-523	SDMPO340LST-FDICT-ND◆	47.10	378.76	2410.32	3,000	1721.66/M
4	30V	200mA	0.8	100	2µA	5.0	SOT-23	BAT54A-FDICT-ND◆	22.96	107.13	413.20	3,000	359.64/M
	40V	200mA	1.0	40	200nA	5.0	SOT-23	BAS40-06-FDICT-ND◆	22.96	135.18	637.65	3,000	510.12/M
	70V	70mA	1.0	15	200nA	5.0	SOT-23	BAS70-06DICT-ND◆	54.41	408.10	2465.58	—	—
	70V	70mA	0.41	1.0	100nA	5.0	SOT-23	BAS70-06-FDICT-ND◆	31.37	252.51	1606.88	3,000	1147.77/M
	30V	200mA	1.0	100	2µA	5.0	SOT-323	BAT54AWDICT-ND◆	48.97	367.29	2219.02	3,000	2031.98/M
	30V	200mA	1.0	100	2µA	5.0	SOT-323	BAT54AW-FDICT-ND◆	22.96	135.18	637.65	3,000	510.12/M
	40V	200mA	1.0	40	200nA	5.0	SOT-323	BAS40W-06DICT-ND◆	54.41	408.10	2465.58	—	—
	40V	200mA	1.0	40	200nA	5.0	SOT-323	BAS40W-06-FDICT-ND◆	28.48	187.04	1020.24	3,000	765.18/M
	40V	200mA	0.37	1.0	1µA	—	SOT-323	SDMG0340LA-FDICT-ND◆	27.55	162.22	765.18	3,000	612.15/M
	70V	70mA	0.41	1.0	100nA	5.0	SOT-323	BAS70W-06-FDICT-ND◆	25.68	168.34	918.22	3,000	888.67/M
	30V	200mA	1.0	100	2.0µA	5.0	SOT-523	BAT54AT-FDICT-ND◆	30.61	180.24	850.20	3,000	680.16/M
	40V	200mA	1.0	40	200nA	5.0	SOT-523	BAS40-06T-FDICT-ND◆	47.61	408.10	2720.64	3,000	1904.45/M
40V	200mA	0.37	1.0	1µA	—	SOT-523	SDMPO340LATDICT-ND◆	55.09	413.20	2372.06	—	—	
40V	200mA	0.37	1.0	1µA	—	SOT-523	SDMPO340LAT-FDICT-ND◆	53.56	459.11	3060.72	3,000	2142.51/M	
5	30V	200mA	1.0	100	2µA	5.0	SOT-363	BAT54DW-FDICT-ND◆	37.41	258.46	1564.37	3,000	1156.28/M

† 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®

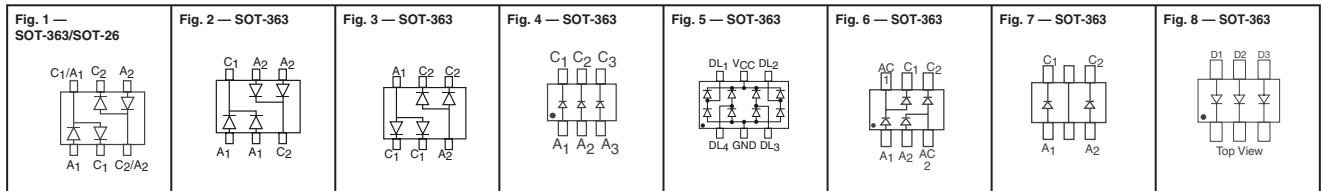


Fig.	Peak Voltage V_{RRM} (V)	Leakage Current	Forward Voltage @ I_F		Reverse Recovery Time (nS)	Digi-Key Part No.	1	Cut Tape Pricing		Digi-Key Part No.	Tape and Reel Pricing 3,000
1	40	200nA	0.38	1.0	5.0	BAS40DW-04DICT-ND	6.80	54.41	408.10	—	—
	40	200nA	0.38	1.0	5.0	BAS40DW-04-FDICT-ND◆	6.46	47.10	378.76	BAS40DW-04-FDITR-ND◆	1721.66/M
	40	—	0.37	20	10.0	SD103ASDM-FDICT-ND◆	4.25	31.37	252.51	SD103ASDM-FDITR-ND†◆	1147.77/M
	45	1.0µA	0.45	10	—	SDM10M45SDDICT-ND†	9.18	73.46	550.93	SDM10M45SDDITR-ND†	2907.69/M
	45	1.0µA	0.45	10	—	SDM10M45SD-FDICT-ND†◆	9.18	71.42	612.14	SDM10M45SD-FDITR-ND†◆	2856.68/M

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

(Continued)

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