



FULL-WAVE AND BRIDGE RECTIFIERS

TCE Type	Material	Application	Maximum Ratings									Outline No.
			Peak Reverse Current		Forward Current		Forward Voltage Drop, DC	Power Devices		High Speed Devices		
			Repetitive	Non-Repet	Average	Peak Surge		Reverse Current	Operating Temp.	Maximum Reverse Recovery Time		
			V_{RRM} V	V_{RSM} V	I_D A	I_{FSM} A	V_F V	I_R μA	°C	t_{rr} μS		
SK3105	Si	Bridge, 1P	200	.....	1.5	50	1	10	-55/125	.....	R-071
SK3106	Si	Bridge, 1P	400	.....	1.5	50	1	10	-50/120	.....	R-071
SK3107	Si	Bridge, 1P	1000	.....	1.5	50	1	10	-55/125	.....	R-071
SK3647	Si	Bridge, 1P	200	.....	2	50	1	5	-55/150	.....	R-070
SK3648	Si	Bridge, 1P	400	.....	2	50	1	5	-55/150	.....	R-070
SK3649	Si	Bridge, 1P	1000	.....	2	50	1	5	-55/150	.....	R-070
SK3650	Si	Bridge, 1P	200	.....	35	400	1.2	10	-55/175	.....	R-072
SK3651	Si	Bridge, 1P	600	.....	35	400	1.2	10	-55/175	.....	R-072
SK3676	Si	Bridge, 1P	600	.....	1.5	50	1	10	-55/125	.....	R-071
SK3677	Si	Bridge, 1P	800	.....	1.5	50	1	10	-55/125	.....	R-071
SK3678	Si	Bridge, 1P	600	.....	2	50	1	5	-55/150	.....	R-070
SK3679	Si	Bridge, 1P	100	.....	25	300	1	10	-55/175	.....	R-072
SK3680	Si	Bridge, 1P	200	.....	25	300	1.2	10	-55/150	.....	R-072
SK3681	Si	Bridge, 1P	400	.....	25	300	1.2	10	-55/150	.....	R-072
SK3682	Si	Bridge, 1P	600	.....	25	300	1.2	10	-55/150	.....	R-072
SK3985	Si	Bridge, 1P	100	.....	8	100	1.2	10	-55/150	.....	R-073
SK3986	Si	Bridge, 1P	200	.....	8	100	1.2	10	-55/150	.....	R-073
SK3987	Si	Bridge, 1P	400	.....	8	100	1.2	10	-55/150	.....	R-073
SK3988	Si	Bridge, 1P	600	.....	8	100	1.2	10	-55/150	.....	R-073
SK3989	Si	Bridge, 1P	800	.....	8	100	1.2	10	-55/150	.....	R-073
SK5028	Si	Bridge, 1P	200	.....	5	150	1	5	-55/150	.....	R-096
SK5030	Si	Bridge, 1P	600	.....	5	150	1	5	-55/150	.....	R-096
SK5031	Si	Bridge, 1P	1000	.....	5	150	1	5	-55/150	.....	R-096
SK5042	Si	Bridge, 1P	200	.....	10	150	1	3	-55/150	.....	R-097
SK5044	Si	Bridge, 1P	600	.....	10	150	1	3	-55/150	.....	R-097
SK5046	Si	Bridge, 1P	1000	.....	10	150	1	3	-55/150	.....	R-097
SK5048	Si	Bridge, 1P	200	.....	12	150	1	3	-55/150	.....	R-098
SK5050	Si	Bridge, 1P	600	.....	12	150	1	3	-55/150	.....	R-098
SK5052	Si	Bridge, 1P	1000	.....	12	150	1	3	-55/150	.....	R-098
SK5053	Si	Bridge, 1P	200	250	1.5	40	0.95	10	-40/140	.....	R-099
SK5060	Si	Full Wave	200	.....	8	100	1	400	.....	0.035	R-028
SK7301	Si	Bridge, 1P	200	.....	100	1000	1.3 VPK	0.005	-55/150	.....	R-087
SK7303	Si	Bridge, 1P	600	.....	100	1000	1.3 VPK	0.005	-55/150	.....	R-087
SK7305	Si	Bridge, 1P	1000	.....	100	1000	1.3 VPK	0.005	-55/150	.....	R-087
SK7307	Si	Bridge, 1P	1400	.....	100	1000	1.3 VPK	0.005	-55/150	.....	R-087
SK7313	Si	Bridge, 3P	600	.....	100	1000	1.3 VPK	0.005	-55/150	.....	R-088
SK7315	Si	Bridge, 3P	1000	.....	100	1000	1.3 VPK	0.005	-55/150	.....	R-088
SK7317	Si	Bridge, 3P	1400	.....	100	1000	1.3 VPK	0.005	-55/150	.....	R-088
SK7352	Si	Bridge, 1P	600	.....	80	1000	1.3 VPK	0.005	-55/150	.....	R-087
SK7353	Si	Bridge, 3P	600	.....	60	1000	1.3 VPK	0.005	-55/150	.....	R-088
SK9001	Si	Full Wave	200	.....	1.5	50	0.95	5	.....	.....	R-030
SK9002	Si	Full Wave	200	.....	1.5	50	0.95	5	.....	.....	R-030
SK9037	Si	Bridge, 1P	1000	.....	8	100	1.2	10	-55/150	.....	R-073
SK9075	Si	Bridge, 1P	100	.....	2	50	1	5	-55/150	.....	R-070
SK9087	Si	Bridge, 1P	800	.....	25	300	1	10	-55/175	.....	R-072
SK9088	Si	Bridge, 1P	1000	.....	25	300	1	10	-55/175	.....	R-072
SK9100	Si	Bridge, 1P	100	.....	40	400	1.2	10	-55/175	.....	R-074
SK9101	Si	Bridge, 1P	200	.....	40	400	1.2	10	-55/175	.....	R-074
SK9103	Si	Bridge, 1P	600	.....	40	400	1.2	10	-55/175	.....	R-074
SK9104	Si	Bridge, 1P	800	.....	40	400	1.2	10	-55/175	.....	R-074
SK9105	Si	Bridge, 1P	1000	.....	40	400	1.2	10	-55/175	.....	R-074
SK9230	Si	Bridge, 1P	200	.....	1.5	50	1.1	10	-55/125	.....	R-075
SK9231	Si	Bridge, 1P	400	.....	1.5	50	1.1	10	-55/125	.....	R-075
SK9232	Si	Bridge, 1P	600	.....	1	50	1.1	3	-55/125	.....	R-075
SK9233	Si	Bridge, 1P	1000	.....	1	50	1.1	3	-55/125	.....	R-075
SK9388	Si	Bridge, 1P	1000	.....	35	400	1.2	10	-55/175	.....	R-072
SK9771	Si	Full Wave	600	.....	30	300	1.1 VPK	10	-50/150	.....	T-086
SK9772	Si	Full Wave	400	.....	30	300	1.1 VPK	10	-50/150	.....	T-086
SK9773	Si	Full Wave	200	30	300	1.1 VPK	10	-50/150	T-086	
SK9775	Si	Full Wave	45	30	150	.82	200	-65/150	R-019	



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			V_{RRM} V	V_{RSM} V	I_o A	I_{FSM} A	V_F V	I_R μA	$^{\circ}C$	t_{rr} μS		
SK9776	Si	Full Wave	200	...	30 per leg	500	.85	.002505	R-026	
SK9777	Si	Full Wave	200	..	8 per leg	100	.975	5	-65/175	.025	R-019	
SK9778	Si	Full Wave	600	.....	30	200	1.4 VPK	10	-50/150	.2	T-086
SK9779	Si	Full Wave	400	...	30	200	1.3 VPK	10	-50/150	.15	T-086	
SK9780	Si	Full Wave	200	.....	30	200	1.3 VPK	10	-50/150	.15	T-086
SK9798	Si	Full Wave	40	.....	10	175	.55 VPK	500	-40/125	.....	R-028
SK9939	Si	Full Wave	80	80	0.15	0.34	1.2 Max	0.1 Max	..	0.003	R-111	
SK9940	Si	Full Wave	80	80	0.15	0.34	1.2 Max	0.1 Max	.....	0.01	R-112
SK9972	Si	Bridge, 1P	600	.....	6	200	1	10	-55/125	.....	R-114
SK10165	Si	Bridge, 1P	200	.....	4.0	200	1.1	10	-50/150	.....	R-128
SK10243	Si	Bridge, 1P	1000	.....	4.0	200	1.1	10	.....	.....	R-128
SK10254	Si	Bridge, 1P	200	.....	6.0	200	1.0	10	.....	.....	R-114
SK10271	Si	Bridge, 1P	600	...	4.0	200	1.1	10	.....	.....	R-128
SK10400	Si	Bridge, 1P	1000	.....	6.0	200	1	10	.....	.....	R-114
SK10512	Si	Full Wave	600	...	16	200	.....	10	-65/150	.50	R-028
SK10513	Si	Full Wave	600	...	30	30	1.5	10	-65/175	.60	R-026	