

SWITCHING

(T_a = 25°C)

Type No.	Application	Max. ratings						Reverse current	Capacitance between pins	Reverse recovery time	Package outline	Remarks	
		V _{RM} (V)	V _R (V)	I _{RRM} (A)	I _{RM} (mA)	I _O (mA)	P _T (mW)	I _R (μA) (max)	C _T (pF) (typ)	t _{rr} (ns) (typ)			
MC911	HSS	75	50	4	300	100	300	0.1	2.8	1.3	Small 3 Pin	Anode common	
MC921	HSS	75	50	4	300	100	300	0.1	1.0	1.3		Cathode common	
MC932	MSS	35	30	4	300	100	150	0.1	8	140		Series type	
MC961	★★	HSS	75	50	4	300	100	300	0.1	2.8	1.3	Small 3 Pin (frame type)	For MC911
MC971	★★	HSS	75	50	4	300	100	300	0.1	1.0	1.3		For MC921
MC982	★★	MSS	35	30	4	300	100	150	0.1	8	140		For M932
MC2836	HSS	75	50	4	300	100	150	0.1	2.8	1.3	SC-59	Anode common	
MC2838	HSS	75	50	4	300	100	150	0.1	1.0	1.3		Cathode common	
MC2840	MSS	35	30	4	300	100	150	0.1	8	140		Series type	
MC2846	HSS	75	50	4	300	100	150	0.1	2.8	1.3	SC-70 Supper Mini-chip	Anode common	
MC2848	HSS	75	50	4	300	100	150	0.1	1.0	1.3		Cathode common	
MC2850	MSS	35	30	4	300	100	150	0.1	8	140		Series type	
MC2831	HSS	75	50	4	300	100	150	0.1	2.8	1.3	SC-59	Single type	
MC2832	HSS	75	50	4	300	100	150	0.1	1.2	1.3		Single type	
MC2833	HSS	75	50	4	300	100	150	0.1	2.8	1.3		Single type	
MC2834	HSS	75	50	4	300	100	150	0.1	1.2	1.3		Single type	
MC2835	MSS	35	30	4	300	100	150	0.1	8	140		Series type	
MC2841	HSS	75	50	4	300	100	150	0.1	2.8	1.3	SC-70	Single type	
MC2842	HSS	75	50	4	300	100	150	0.1	2.8	1.3		Single type	
MC2843	HSS	75	50	4	300	100	150	0.1	1.2	1.3		Single type	
MC2844	HSS	75	50	4	300	100	150	0.1	1.2	1.3		Single type	
MC2845	MSS	35	30	4	300	100	150	0.1	8	140		Series type	
MC2852	★★	HSS	75	50	4	300	100	150	0.1	1.2	1.3	Ultra	Single type
MC2854	★★	HSS	75	50	4	300	100	150	0.1	1.2	1.3	Super mini	Single type

SILICON BILATERAL SWITCHING DEVICE

Type No.		Max. ratings			Electrical characteristics		Package outline
		DC on-current I _T (mA)	Repetitive peak on-current I _{TRM} (A)	Junction temperature T _J (°C)	Switching voltage V _S (V)	Switching voltage temperature coefficient (%/°C)	
BS08A		175 (T _a = 25°C)	1.0 (1 % duty, t _w = 10 μs, T _a = 100°C)	125	7 to 9	±0.01 (T _a = -55 to +85°C)	SC-43
BS08D	★★	175 (T _a = 25°C)	1.0 (1 % duty, t _w = 10 μs, T _a = 100°C)	125	7 to 9	±0.01 (T _a = -55 to +85°C)	Small 3Pin (Frame type) For BS08A