

## ■ SWITCHING

( $T_a = 25^\circ\text{C}$ )

Type No.	Application	Max. ratings						Reverse current $I_R$ ( $\mu\text{A}$ ) (max)	Capacitance between pins $C_t$ (pF) (typ)	Reverse recovery time $t_{rr}$ (ns) (typ)	Package outline	Remarks
		$V_{RM}$ (V)	$V_R$ (V)	$I_{RPM}$ (A)	$I_{RM}$ (mA)	$I_B$ (mA)	$P_T$ (mW)					
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	For MC911
MC971	★★ HSS	75	50	4	300	100	300	0.1	1.0	1.3	3 Pin	For MC921
MC982	★★ MSS	35	30	4	300	100	150	0.1	8	140	(frame type)	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	Anode common
MC2848	HSS	75	50	4	300	100	150	0.1	1.0	1.3	Supper	Cathode common
MC2850	MSS	35	30	4	300	100	150	0.1	8	140	Mini-chip	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	SC-70	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		Single type
MC2842	HSS	75	50	4	300	100	150	0.1	2.8	1.3	SC-70	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	Ultra	Series type
MC2852	★★ HSS	75	50	4	300	100	150	0.1	1.2	1.3		Single type
MC2854	★★ HSS	75	50	4	300	100	150	0.1	1.2	1.3		Super mini

## ■ 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 $T_J$ ( $^\circ\text{C}$ )	Switching voltage $V_S$ (V)	Switching voltage temperature coefficient (%/°C)	
BS08A	175 ( $T_a = 25^\circ\text{C}$ )	1.0 (1% duty, $t_w = 10 \mu\text{s}$ , $T_a = 100^\circ\text{C}$ )	125	7 to 9	$\pm 0.01$ ( $T_a = -55$ to $+85^\circ\text{C}$ )	SC-43
BS08D	★★ 175 ( $T_a = 25^\circ\text{C}$ )	1.0 (1% duty, $t_w = 10 \mu\text{s}$ , $T_a = 100^\circ\text{C}$ )	125	7 to 9	$\pm 0.01$ ( $T_a = -55$ to $+85^\circ\text{C}$ )	Small 3Pin (Frame type) For BS08A