

# Switching Diodes

Type Number	Peak Repetitive Reverse Voltage	Reverse Recovery Time (†)	Max. Average Rectified Current (†)	Max. Peak Forward Surge Current (†)	Forward Voltage Drop		Max. Reverse Current		Pin-out Config.
	$V_{RRM}$	$t_{rr}$	$I_o$	$I_{FSM}$	$V_F @ I_F$		$I_R @ V_R$		
	V	ns	mA	A	V	mA	$\mu A$	V	

## 200mW Switching Diodes / SOT-323

**NEW**

BAS16W	75	4.0	150	2.0	1.0	50	1.0	75	Fig.1
BAS19W	120	50	200	2.5	1.0	100	0.1	100	Fig.1
BAS20W	200	50	200	2.5	1.0	100	0.1	150	Fig.1
BAS21W	250	50	200	2.5	1.0	100	0.1	200	Fig.1
BAV70W	75	4.0	150	2.0	1.0	50	2.5	75	Fig.3
BAV99W	75	4.0	150	2.0	1.0	50	2.5	75	Fig.4
BAW56W	75	4.0	150	2.0	1.0	50	2.5	75	Fig.2
MMBD4148W	75	4.0	150	2.0	1.0	50	1.0	75	Fig.1
MMBD4448W	75	4.0	250	4.0	1.0	100	2.5	75	Fig.1

## 350mW Switching Diodes / SOT-23

BAL99	75	4.0	150	2.0	1.0	50	2.5	75	Fig. 5
BAW56	75	4.0	150	2.0	1.0	50	2.5	75	Fig. 2
BAV70	75	4.0	150	2.0	1.0	50	2.5	75	Fig. 3
BAV99	75	4.0	150	2.0	1.0	50	2.5	75	Fig. 4
BAS16	75	4.0	150	2.0	1.0	50	1.0	75	Fig. 1
MMBD914 <sup>NEW</sup>	75	4.0	150	2.0	1.0	50	2.5	75	Fig. 1
MMBD4148	75	4.0	150	2.0	1.0	50	2.5	75	Fig. 1
MMBD4448	75	4.0	250	4.0	1.0	100	2.5	75	Fig. 1
MMBD7000 <sup>NEW</sup>	75	4.0	150	2.0	1.25	150	1.0	50	Fig. 4
BAS19*	120	50	200	2.5	1.0	100	0.1	100	Fig. 1
BAS20*	200	50	200	2.5	1.0	100	0.1	150	Fig. 1
BAS21*	250	50	200	2.5	1.0	100	0.1	200	Fig. 1
BAS31 <sup>NEW</sup>	75	4.0	250	4.0	1.0	100	2.5	75	Fig.4
BAV23S* <sup>NEW</sup>	250	50	200	3.0	1.0	100	0.1	200	Fig.4

\*Power Dissipation (Pd) = 250mW

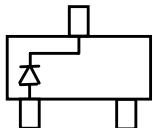


Figure 1, Single

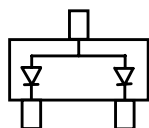


Figure 2, Common Anode

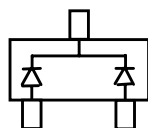


Figure 3, Common Cathode

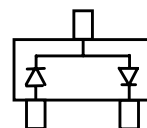


Figure 4, Series

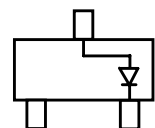


Figure 5, Single (Alt.)

(†) Reference product datasheet for specific test conditions.