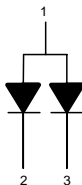


# SOT23 HIGH SPEED SWITCHING DIODE PAIR COMMON ANODE

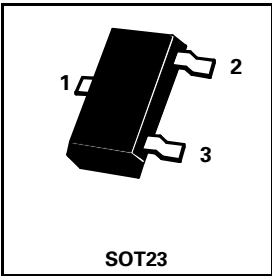
ISSUE 3- JULY 1998

## BAW74

### PIN CONFIGURATION



PARTMARKING DETAILS  
BAW74 - W74



### ABSOLUTE MAXIMUM RATINGS.

PARAMETER	SYMBOL	VALUE	UNIT
Continuous Reverse Voltage	$V_R$	50	V
Average Output Rectified Current ( $t_{av} = 10ms$ )	$I_o$	100	mA
Continuous Forward Current	$I_F$	150	mA
Peak Forward Current ( $t = 15ms$ )	$I_{FM}$	200	mA
Forward Surge Current ( $t = 1\mu s$ )	$I_{FS}$	1000	mA
Power Dissipation at $T_{amb}=25^\circ C$	$P_{tot}$	330	mW
Operating and Storage Temperature Range	$T_j; T_{stg}$	-55 to +150	$^\circ C$

### ELECTRICAL CHARACTERISTICS (at $T_{amb} = 25^\circ C$ unless otherwise stated).

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITIONS.
Breakdown Voltage	$V_{BR}$	51			V	$I_R = 5\mu A$
Forward Voltage	$V_F$			1.0	V	$I_F = 100mA$
Reverse current	$I_R$			0.1 100	$\mu A$ $\mu A$	$V_R = 50V$ $V_R = 50V, T_{amb} = 125^\circ C$
Capacitance	$C_o$			2.0	pF	$V_R = 0$
Reverse Recovery Time	$t_{rr}$			4 2	ns ns	$I_F = I_R = 10mA, I_{RR} = 1mA$ $I_F = 10mA, V_R = 6V,$ $R_L = 100\Omega$

Spice parameter data is available upon request for this device  
See BAW74 datasheet for Switching Time Circuit