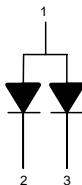


SOT23 HIGH SPEED SWITCHING DIODE PAIR COMMON ANODE

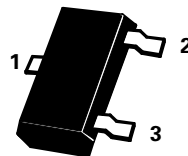
ISSUE 3- JULY 1998

BAW74

PIN CONFIGURATION



PARTMARKING DETAILS
BAW74 - W74



SOT23

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	μA μA	$V_R = 50V$ $V_R = 50V, T_{amb} = 125^\circ C$
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

This datasheet has been download from:

www.datasheetcatalog.com

Datasheets for electronics components.