

BAL74W■ Electrical Characteristics $T_a = 25^\circ\text{C}$

Parameter	Symbol	Test Conditions	Max	Unit
Forward voltage	V_F	$I_F = 1 \text{ mA}$	715	mV
		$I_F = 10 \text{ mA}$	855	
		$I_F = 50 \text{ mA}$	1	V
		$I_F = 150 \text{ mA}$	1.25	
Reverse current	I_R	$V_R = 25 \text{ V}$		nA
		$V_R = 75 \text{ V}$		μA
		$V_R = 25 \text{ V}, T_j = 150^\circ\text{C}$	0.1	μA
		$V_R = 75 \text{ V}, T_j = 150^\circ\text{C}$	100	μA
Diode capacitance	C_d	$f = 1.0 \text{ MHz}, V_R = 0$	1.5	pF
Reverse recovery time	t_{rr}	when switched from $I_F = 10 \text{ mA}$ to $I_R = 10 \text{ mA}$; $R_L = 100 \Omega$; measured at $I_R = 1 \text{ mA}$;	4	ns
Forward recovery voltage	V_{fr}	when switched from $I_F = 10 \text{ mA}$; $t_r = 20 \text{ ns}$;	1.75	V

■ Marking

Marking	JC
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