

BAT74S■ Electrical Characteristics $T_a = 25^\circ\text{C}$

Parameter	Symbol	Conditions	Max	Unit
forward voltage	V_F	$I_F = 0.1 \text{ mA}$	200	mV
		$I_F = 1 \text{ mA}$	260	
		$I_F = 10 \text{ mA}$	340	
		$I_F = 30 \text{ mA}$	420	
		$I_F = 100 \text{ mA}$	750	
reverse current	I_R	$V_R = 25 \text{ V}$; note 1	2	μA
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 $I_R = 1 \text{ mA}$	5	ns
diode capacitance	C_d	$f = 1 \text{ MHz}$; $V_R = 1 \text{ V}$	10	pF

Note

1. Pulse test: $t_p = 300 \mu\text{s}$; $\delta = 0.02$.

■ Marking

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