



Solid State Devices, Inc.

14701 Firestone Blvd * La Mirada, Ca 90638
 Phone: (562) 404-4474 * Fax: (562) 404-1773
 ssdi@ssdi-power.com * www.ssdi-power.com

**1N6690-1N6693
 and
 1N6690US-1N6693US**

Electrical Characteristics		Symbol	Max	Units
Instantaneous Forward Voltage Drop ($I_F = 20 \text{ Adc}$, 300-500 μs pulse)	$T_A = 25^\circ\text{C}$	V_{F1}	1.9	Vdc
	$T_A = -55^\circ\text{C}$	V_{F2}	2.2	
Reverse Leakage Current (Rated V_R , 300 μs pulse minimum)	$T_A = 25^\circ\text{C}$	I_{R1}	10	μA
	$T_A = 100^\circ\text{C}$	I_{R2}	2.0	mA
Junction Capacitance ($V_R = 10 \text{ Vdc}$, $T_A = 25^\circ\text{C}$, $f = 1\text{MHz}$)		C_J	250	pF
Reverse Recovery Time ($I_F = 500 \text{ mA}$, $I_R = 1\text{A}$, $I_{RR} = 250\text{mA}$, $T_A = 25^\circ\text{C}$)		t_{rr}	75	nsec

