

ABSOLUTE MAXIMUM RATINGS^a

Forward Current:	(PAD 50 mA (JPAD/SSTPAD) 10 mA
Total Device Dissipation:	(PAD) ^b 300 mW (JPAD/SSTPAD) ^b 350 mW
Operation Junction Temp:	(PAD) -55 to 175°C (JPAD/SSTPAD) ^c -55 to 150°C
Lead Temperature (¹ / ₁₆ " from case for 10 sec.) 300°C

Notes:

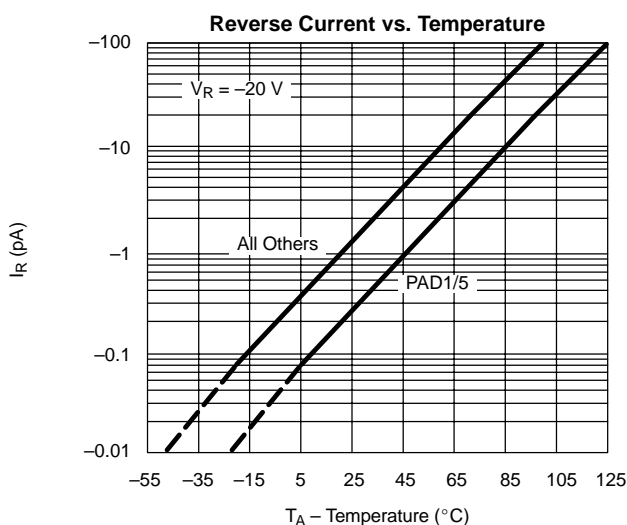
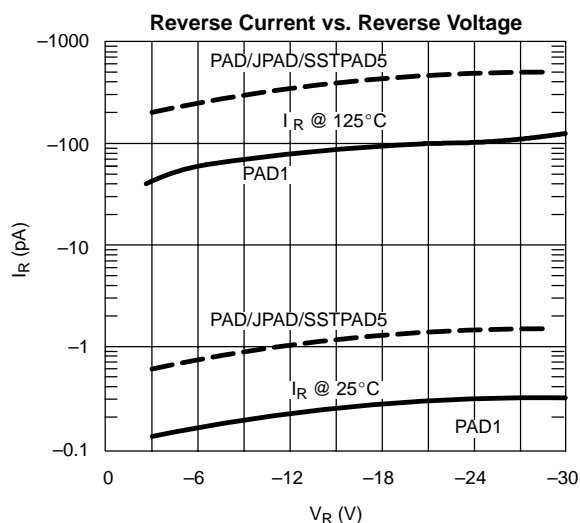
- $T_A = 25^\circ\text{C}$ unless otherwise noted.
- Derate 2 mW/ $^\circ\text{C}$ above 25°C .
- Derate 2.8 mW/ $^\circ\text{C}$ above 25°C .

SPECIFICATIONS SPECIFICATIONS (T _A = 25 °C UNLESS OTHERWISE NOTED)							
Parameter	Symbol	Test Conditions	Limits			Unit	
			Min	Typ ^a	Max		
Static							
Reverse Current	I _R	V _R = −20 V	PAD1		−0.3	−1	pA
			PAD5/JPAD5/SSTPAD5		−1	−5	
			PAD50/JPAD50		−5	−50	
			SSTPAD100		−10	−100	
Reverse Breakdown Voltage	BV _R	I _R = −1 μA	PAD1/PAD5	−45	−60		V
			SSTPAD5/100	−30	−55		
			All Others	−35	−55		
Forward Voltage Drop	V _F	I _F = 1 mA			0.8	1.5	
Dynamic							
Reverse Capacitance	C _R	V _R = −5V, f = 1 MHz	PAD1/PAD5		0.5	0.8	pF
			All Others		1.5	2	

Notes:

- Typical values are for DESIGN AID ONLY, not guaranteed nor subject to production testing.

TYPICAL CHARACTERISTICS ($T_A = 25^\circ\text{C}$ UNLESS OTHERWISE NOTED)





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