

Parameter	Symbol	Conditions	Value
IO power supply to VSS	$V_{DDIO,ABS\text{MAX}}$		-0.5 V to 4.0 V
Core power supply to VSS	$V_{DDCORE,ABS\text{MAX}}$		-0.5 V to 2.0 V
Storage temperature	$T_{J,STORE}$		-50 °C to 150 °C
Junction temperature	$T_{J,ABS\text{MAX}}$		-40 °C to 125 °C
Pin voltage on IO and Clock pins	$V_{DPIN,ABS\text{MAX}}$		-0.3 V to $V_{DDIO} + 0.3 \text{ V}$
Peak reflow temperature	T_{PKG}		260 °C
Latchup	I_{LUP}	JESD78D, class I	+/-100 mA
Humidity	H_R		0 – 95 %
ESD	HBM	Human Body Model JESD22-A114 CLASS 2	2 kV
	CDM	Charged Device Model JESD22-C101 CLASS III	300 V