

5 Specifications

5.1 Absolute Maximum Ratings

over operating free-air temperature range (unless otherwise noted) ⁽¹⁾⁽²⁾

		VALUE		UNIT
		MIN	MAX	
Supply voltage	DVDD, VDD_LS/HS, VDDT_LS/HS, VPP, VDDD	-0.3	1.4	V
	VDDR_LS/HS, VDDO[1:0]	-0.3	2.2	V
Input Voltage, V_I	LVC MOS, CML, Analog	-0.3	Supply + 0.3	V
Operating Junction Temperature			105	°C
Characterized free-air operating temperature range		-40	85	°C
Storage temperature, T_{stg}		-65	150	°C

- (1) Stresses beyond those listed under “absolute maximum ratings” may cause permanent damage to the device. These are stress ratings only and functional operation of the device at these or any other conditions beyond those indicated under “recommended operating conditions” is not implied. Exposure to absolute-maximum-rated conditions for extended periods may affect device reliability.
- (2) All voltages are with respect to ground (VSS).