

CX29701/2/4 Data Sheet Errata

Product Bulletin

Products Affected: CX29701/2/4-14

This document lists the differences between the CX2970x data sheet and the CX29701/2/4-14 device.

Absolute Maximum Ratings Table

The absolute maximum ratings table in the data sheet is amended from:

Table 6-12. Absolute Maximum Ratings

Parameter	Value
Supply Voltage	3.3 ±5% V
Operating Temperature—No Air Flow	40 °C/W
Operating Temperature—200 Linear Feet (1 Meter) per Minute	33 °C/W
Storage Temperature	-40 to 125 °C
θ_{JA}	11 °C/W
Ambient Temperature under Bias	-40 to 85 °C
Junction Temperature	+150 °C
Static Discharge Voltage	±1,500 V
Latchup Current	±150 mA

To the following:

Table 6-12. Absolute Maximum Ratings

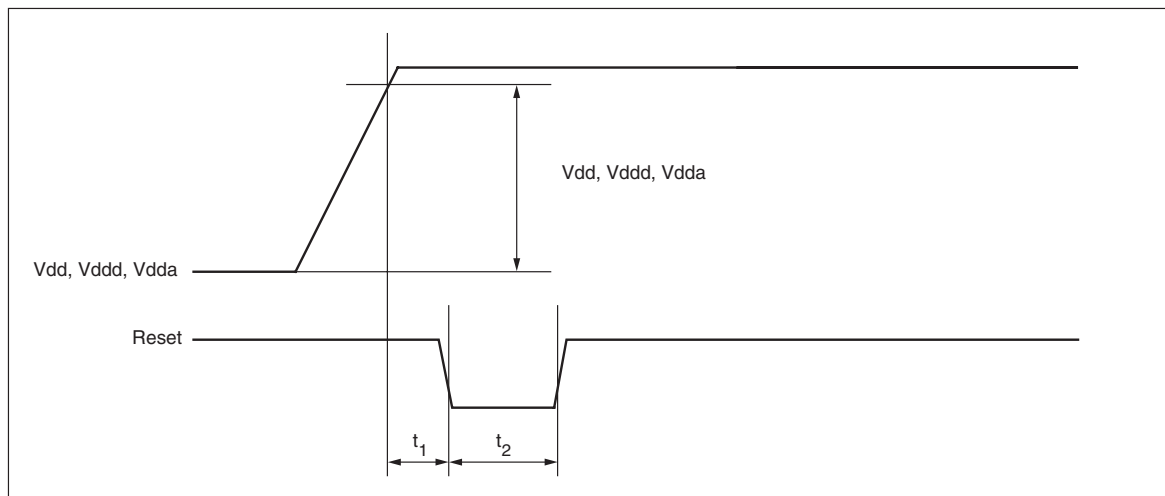
Parameter	Value
Supply Voltage	3.3 ±5% V
Storage Temperature	-40 to 125 °C
θ_{JA} (0 m/s)	14.2 °C/W
θ_{JA} (1 m/s)	12.1 °C/W
Ambient Temperature under Bias	-40 to 85 °C
Junction Temperature	+125 °C
Static Discharge Voltage	±1,500 V
Latchup Current	±150 mA

Power-Up Reset

A requirement has been added that Vdd and Vdda also be stable before the negative edge of the the power on reset pulse. A note has been added to specify that the device must see a negative edge of the reset pulse in order to gurantee a proper reset of the device.

5.1.6 Power-Up Reset

Figure 5-8. Power-Up Reset Timing



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Table 5-8. Power-Up Reset Parameters

Symbol	Description	Min	Max	Units
t_1	Reset wait time	0	—	ms
t_2	Reset pulse width	50	—	ms

Note(s):

1. The clocks, ie: RefCLK, TxClk and RxClk, must be valid during and after a power-up reset or a hardware reset must be performed after these clocks become stable.
2. The device must see a falling edge of the reset pulse in order to gurantee a proper reset of the device.