

eXtrino XL

Leon Instruments

We are glad to provide you eXtrino XL prototyping module designed by Leon Instruments. Please read the datasheet available at our website.

www.leon-instruments.pl

STORAGE AND HANDLING

Static electricity can significantly shorten the lifespan of electronic components. Please observe these tips to prevent damage that could occur from electrostatic discharge:

- Use anti-static precautions such as operating on an anti-static mat and wearing an anti-static wrist-band.
- Store the evaluation board in the packaging provided.
- Touch a metal USB housing to equalize voltage potential between you and the board.

ABSOLUTE MAXIMUM RATINGS

Stresses exceeding absolute maximum ratings reduce device reliability and may cause permanent damage to the device.

Symbol	Parameter	Min	Typ.	Max	Unit
V _{USB}	USB connector voltage	0	5	5.5	V
V _{DC}	DC supply voltage	7,5		12	V
I _{USB}	USB connector current	0		0,5	A
V _{CC}	Processor supply voltage	-0,3	3,3	4,0	V
I _{CC}	Processor current	0		0,2	A
V _{PIN}	Voltage applied to any I/O	-0,5	3,3	4	V
I _{PIN}	I/O current	-25		25	mA
T _A	Storage temperature	-20		70	°C
T _J	Operating temperature	0		70	°C

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XMEGA programming tutorial

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