

Red Pitaya d.o.o.
Velika pot 22
5250 Solkan
Slovenia

www.redpitaya.com

Electrical schematics for:
name: Red Pitaya STEM 125-10
version: 1.0
variant: STEM B

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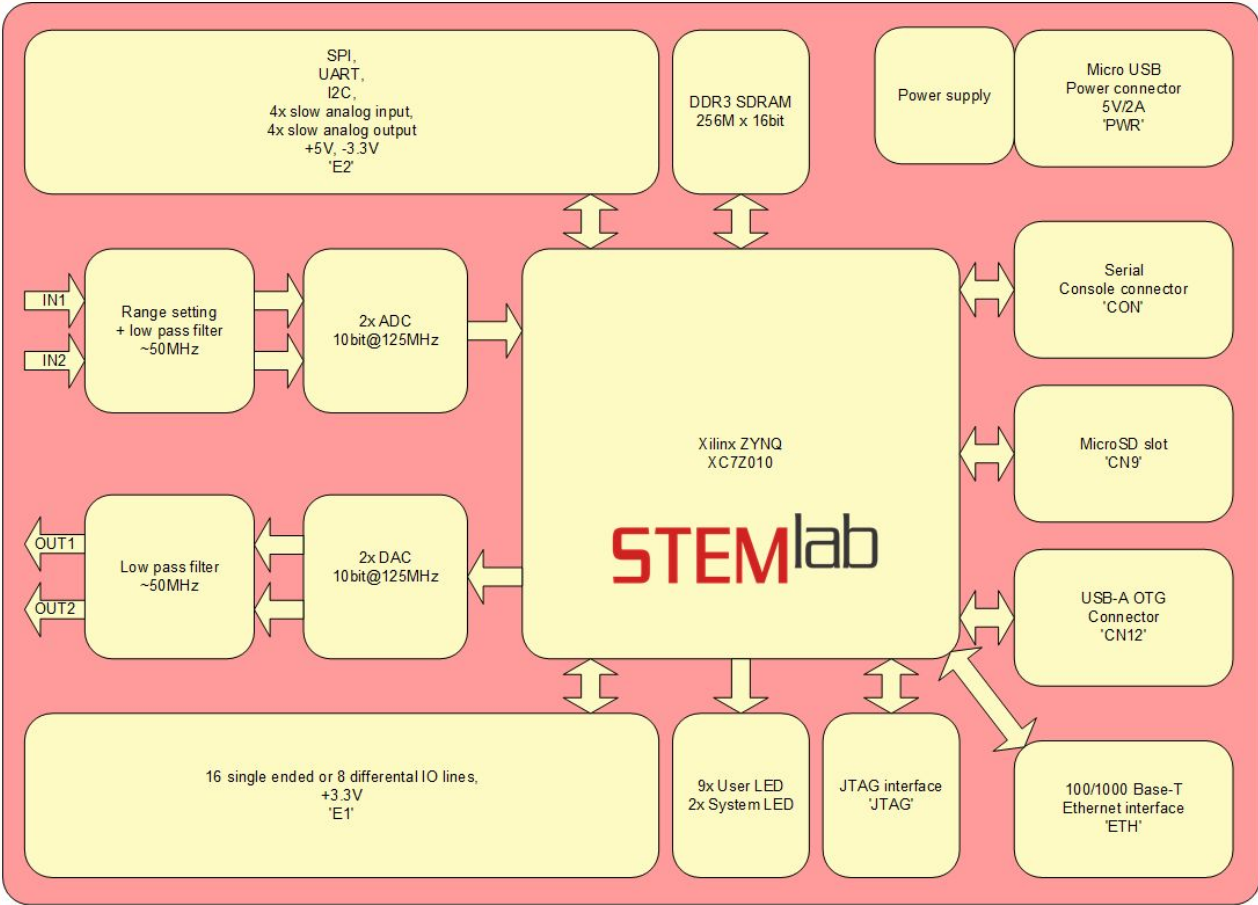
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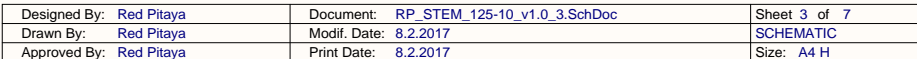
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Red Pitaya STEM 125-10 V1.0

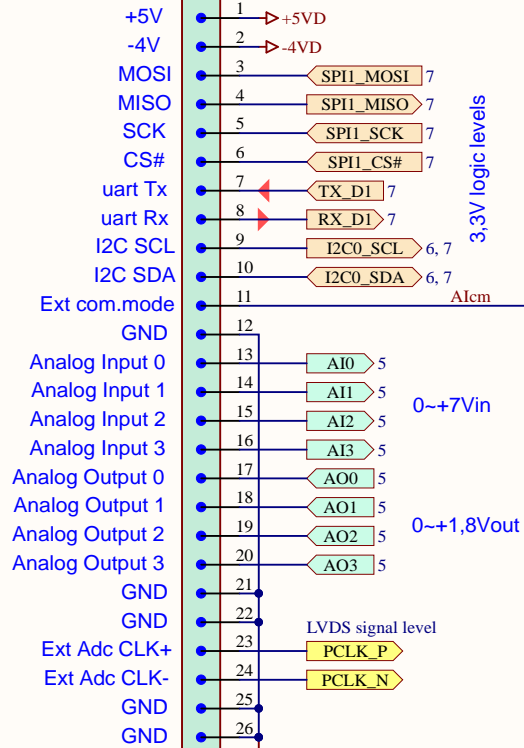
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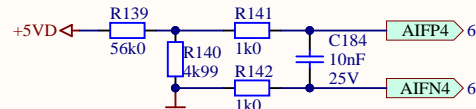
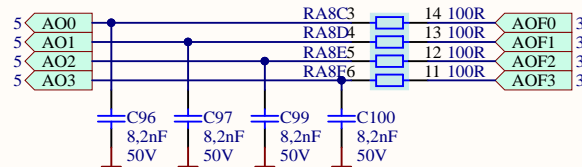
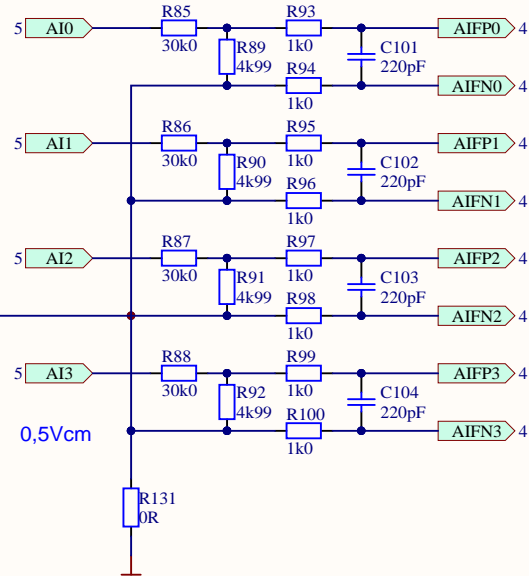
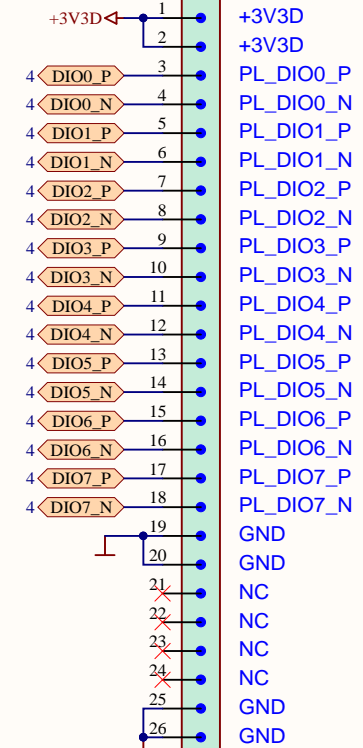
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E2CN5
IDC26LPV

IDC 2.54mm 26 pin low profile

0~+7V_{in}
(default)

0,5V default range


 Power supply voltage monitor
 0,5V_{adc}@6,1V_{in}
E1CN6
IDC26LPV

IDC 2.54mm 26 pin low profile

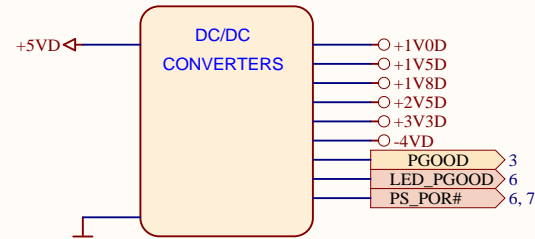
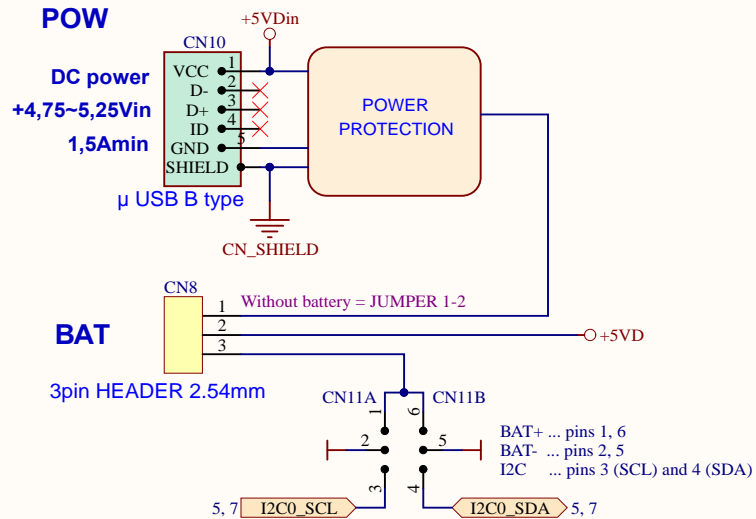
 16 single ended or
 8 differential
 digital I/O with
 3,3V logic levels

Note: number next to port symbol indicates the sheet where the signal is connected

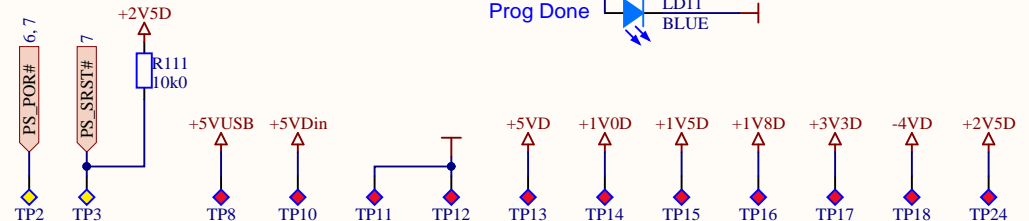
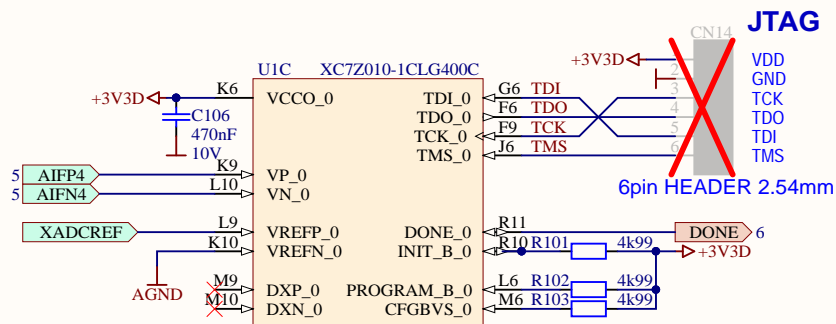
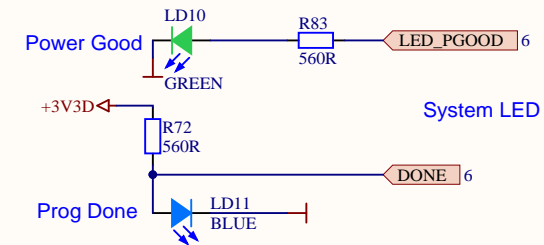
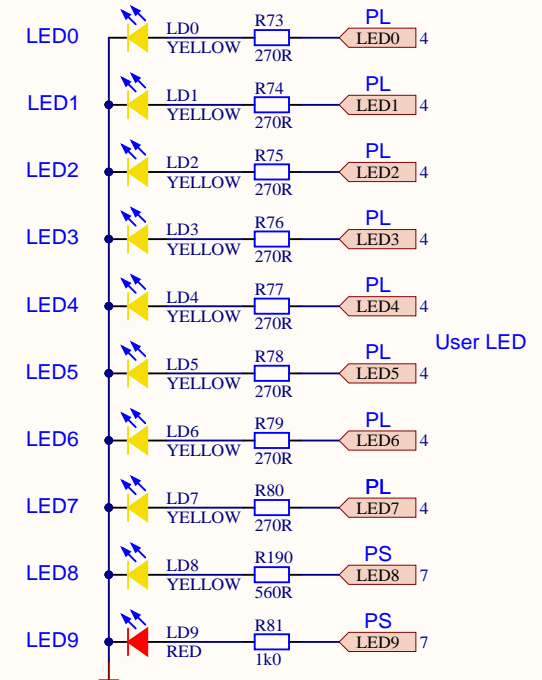
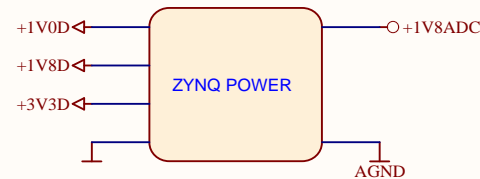
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I/O digital, I/O slow analog, Extension connectors

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All power supply voltages must be within tolerances to activate Power Good and Power-On Reset signal



Note: number next to port symbol indicates the sheet where the signal is connected

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LED, Power, JTAG, testpoints

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