

Production documentation for:

name: *RPEM_Template1*

version: *A*

variant: *Template*

code: *YourProjectCode*

variant description: *Template for Red Pitaya Extension Module*

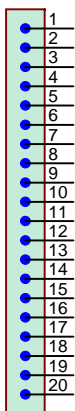
Red Pitaya is a registered trademark. Use of the Red Pitaya name must be compliant with <http://www.redpitaya.com/trademark-rules/>

Designer: RedPitaya	Project: RPEM_Template1	Sheet 1 of 2
Drawn By: RedPitaya	Variant: Variant_name	Version: A
Approved By: RedPitaya	Modif. Date: 25.7.2014	Print Date: 25.7.2014
		Size: A4 H

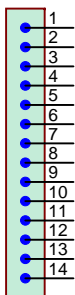
Red Pitaya Extension Module Template 1



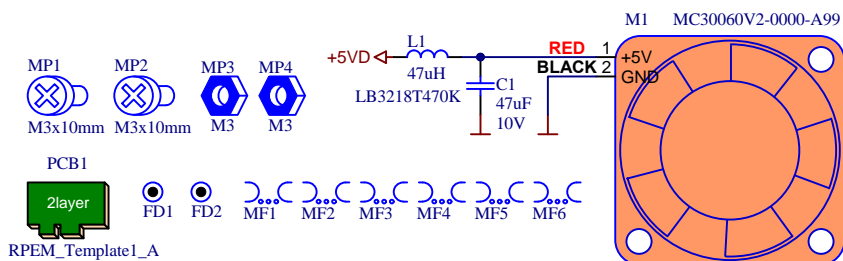
CN3
IDC20LPH



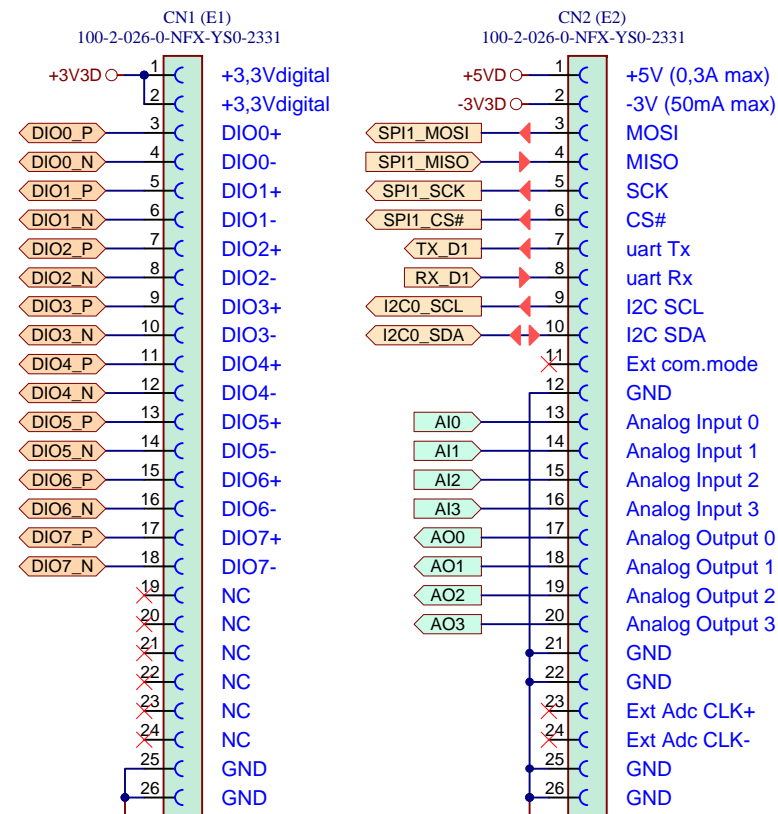
CN4
IDC14LPH



Connectors CN3 and CN4 are for demonstration only!



Do not connect extension module switching power supply to +3,3Vdigital rail !
Source for on extension module generated power supplies is +5V
Optional fan should be powered from +5V rail !
+5V rail current capability depends on power source (up to 1A trough pin1 of CN2) !



Ext Adc CLK signal on Red Pitaya is by default not connected.
Ext common mode for slow analog inputs is connected to GND on Red Pitaya
Signals for SPI, Uart and I2C can also be used as common IO signals

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Designer: RedPitaya	Project: RPEM_Template1	Sheet 2 of 2
Drawn By: RedPitaya	Variant: Template	Version: A
Approved By: RedPitaya	Modif. Date: 25.7.2014	Print Date: 25.7.2014
		SCHEMATIC
		Size: A4 H

Red Pitaya Extension Module Template

