

OPEN HARDWARE

Base board for Raspberry Pi B2

KoeWiBa

Sheet: /

File: pi2-base.sch

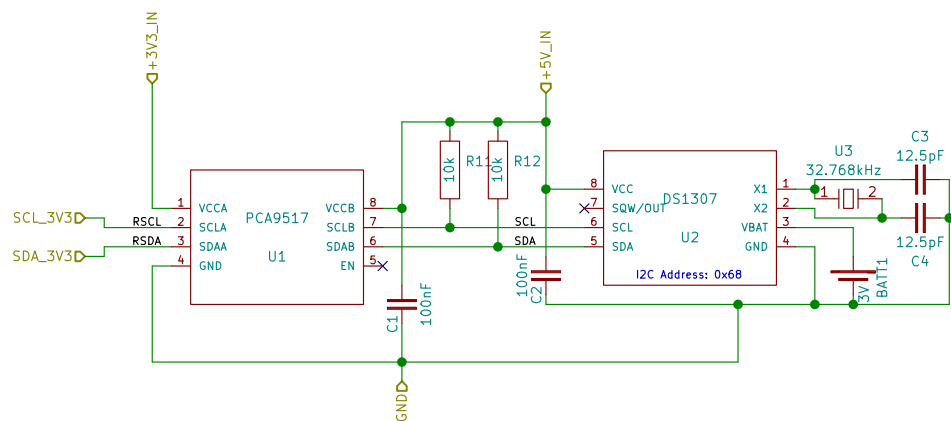
Title: pi2-base

Size: A4 Date: 2018-09-24

KiCad E.D.A. kicad 5.0.0-fee4fd166ubuntu16.04.1

Rev: B

Id: 1/5



Baseboard for Raspberry PI 2

KoeWiBa

Sheet: /RTC/

File: rtc.sch

Title: RTC

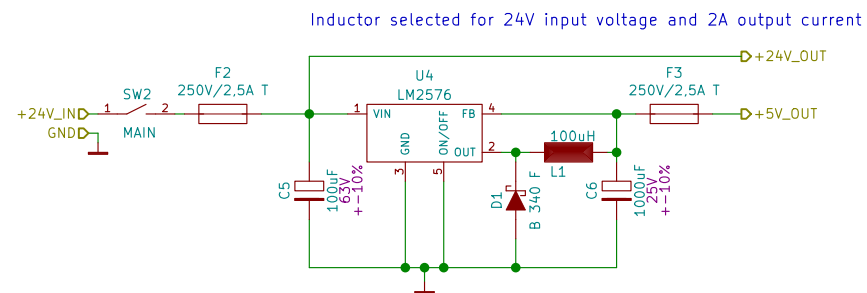
Size: A4

Date: 2016-11-28

Rev: B

KiCad E.D.A. kicad 5.0.0-fee4fd166ubuntu16.04.1

Id: 2/5



Baseboard for Raspberry Pi 2

KoeWiBa

Sheet: /DC/DC/

File: dcdc.sch

Title: DC/DC Converter

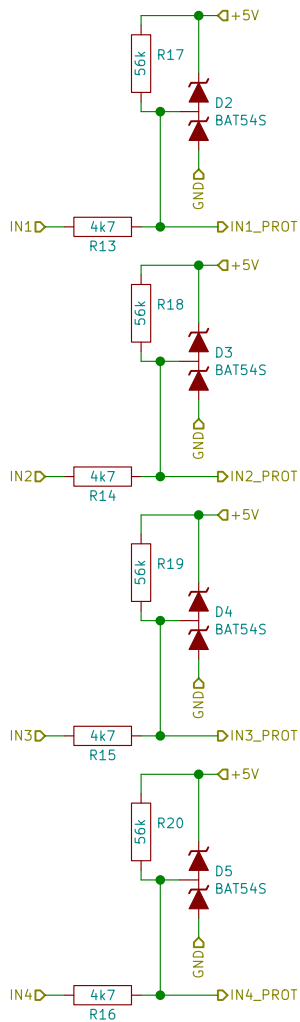
Size: A4 Date: 2016-11-28

KiCad E.D.A. kicad 5.0.0-fee4fd166ubuntu16.04.1

Rev: B

Id: 3/5

Inputs are with integrated pull-up to 5V.
Disable the internal pull-up resistors of a
connected mikrocontroller to ensure correct
function of the input protection!



Pulled to ground, a remaining voltage of
 $(4700/(4700+56000)) \cdot VCC = 0,077 \times VCC = 0,38V$ remains as low voltage.

Baseboard for Raspberry PI 2B

KoeWiBa

Sheet: /4 Inputs/

File: 4inputs.sch

Title: 4 Inputs

Size: A4 Date: 2016-11-29

KiCad E.D.A. kicad 5.0.0-fee4fd166ubuntu16.04.1

Rev: B

Id: 4/5

Id: 5/5