

Baseboard for Raspberry PI 2

KoeWiBa

Sheet: /RTC/

File: rtc.sch

Title: RTC

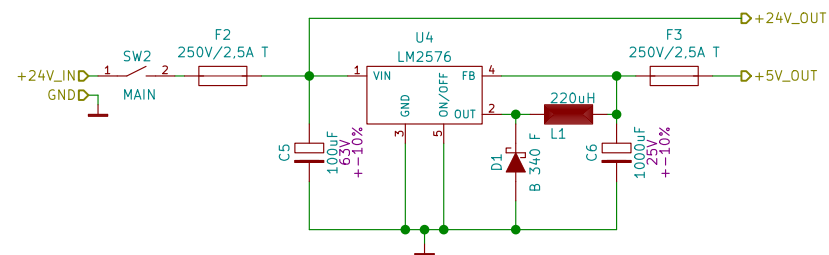
Size: A4

Date: 2016-11-28

Rev: 1

KiCad E.D.A. kicad (2016-11-25 revision 30df041)-makepkg

Id: 2/5



Baseboard for Raspberry Pi 2

KoeWiBa

Sheet: /DC/DC/

File: dcdc.sch

Title: DC/DC Converter

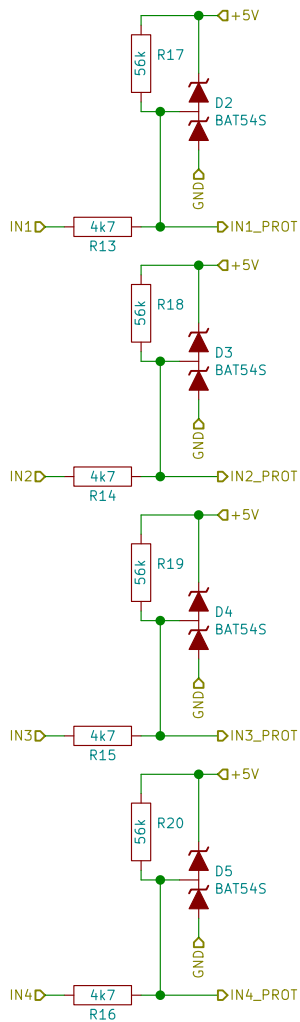
Size: A4 Date: 2016-11-28

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Rev: 1

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

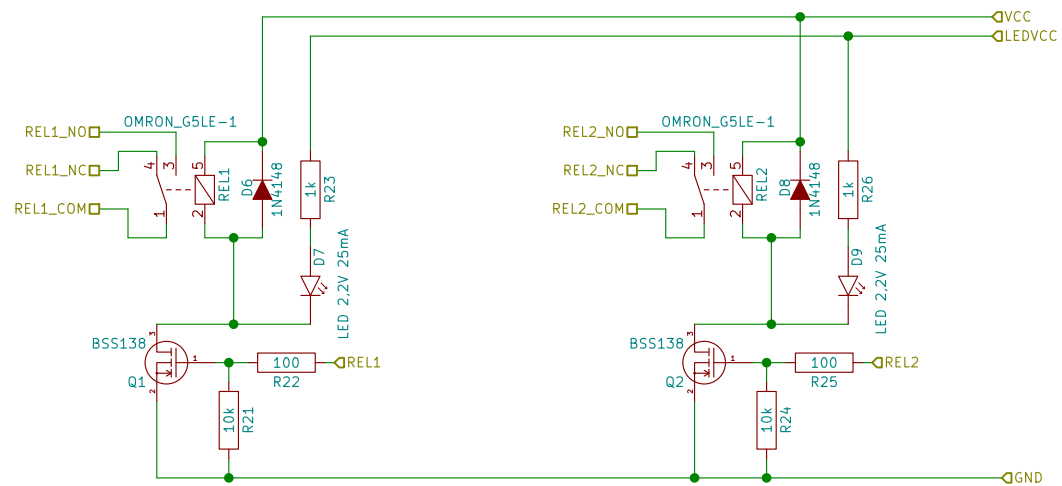
Title: 4 Inputs

Size: A4 Date: 2016-11-29

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Rev: 1

Id: 4/5



Baseboard for Raspberry PI 2B

KoeWiBa

Sheet: /2 Relays/

File: 2relays.sch

Title: 2 Relays

Size: A4 Date: 2016-12-02

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Rev: 1

Id: 5/5