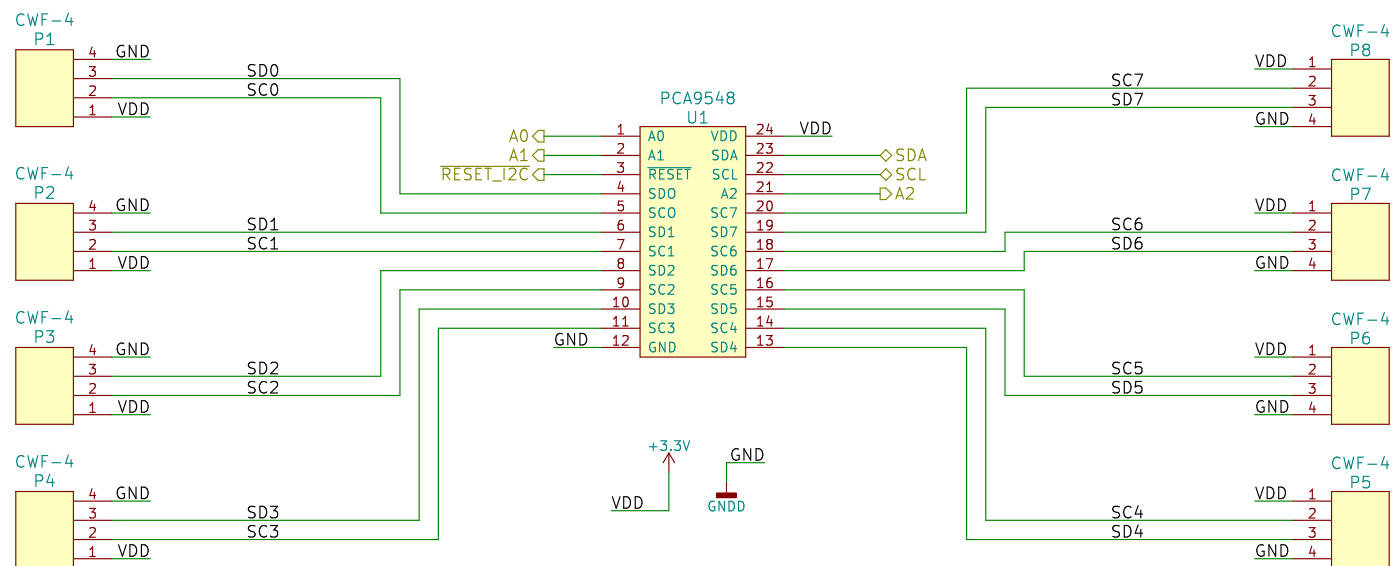


Skoltech

Sheet: /
File: Control board.sch

Title: Main sheet of Control board

Size: A4	Date: 2018-07-23	Rev: 1.0
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Skoltech

Sheet: /I2C switcher/

File: I2C_switcher.sch

Title: I2C multiplexer

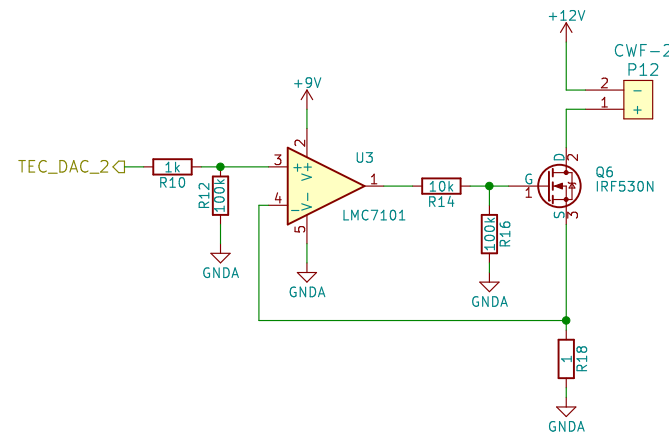
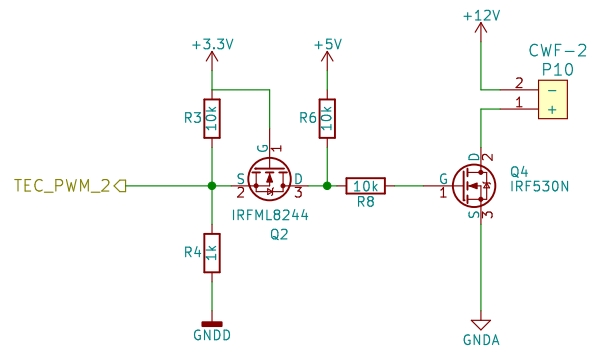
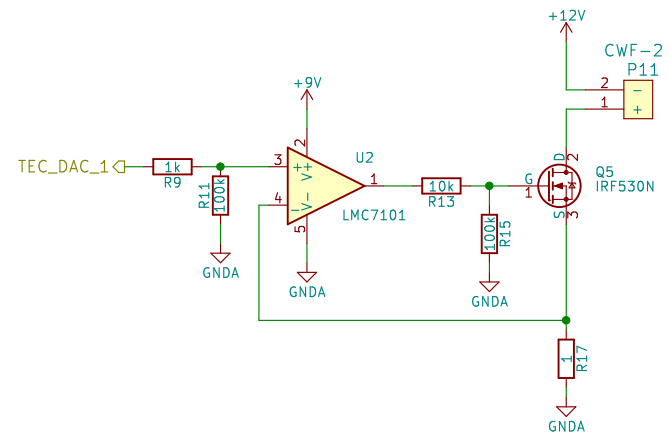
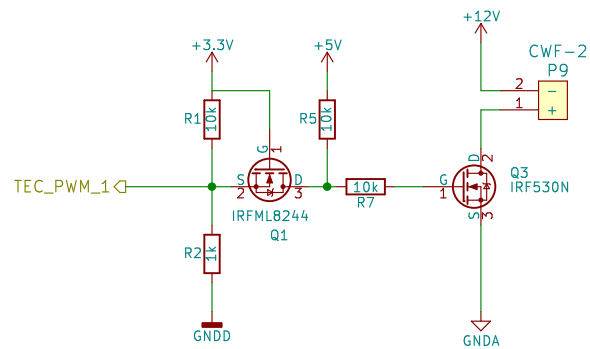
Size: A4

Date: 2018-07-05

Rev: 1.0

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Id: 2/6



Left part will power ceramic resistors with PWM signal.
Right part will drive Peltier coolers with constant current.
All together they will provide temperature control.

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Sheet: /Temp_control/

File: Temp_control.sch

Title: Current driver and PWM for temperature control

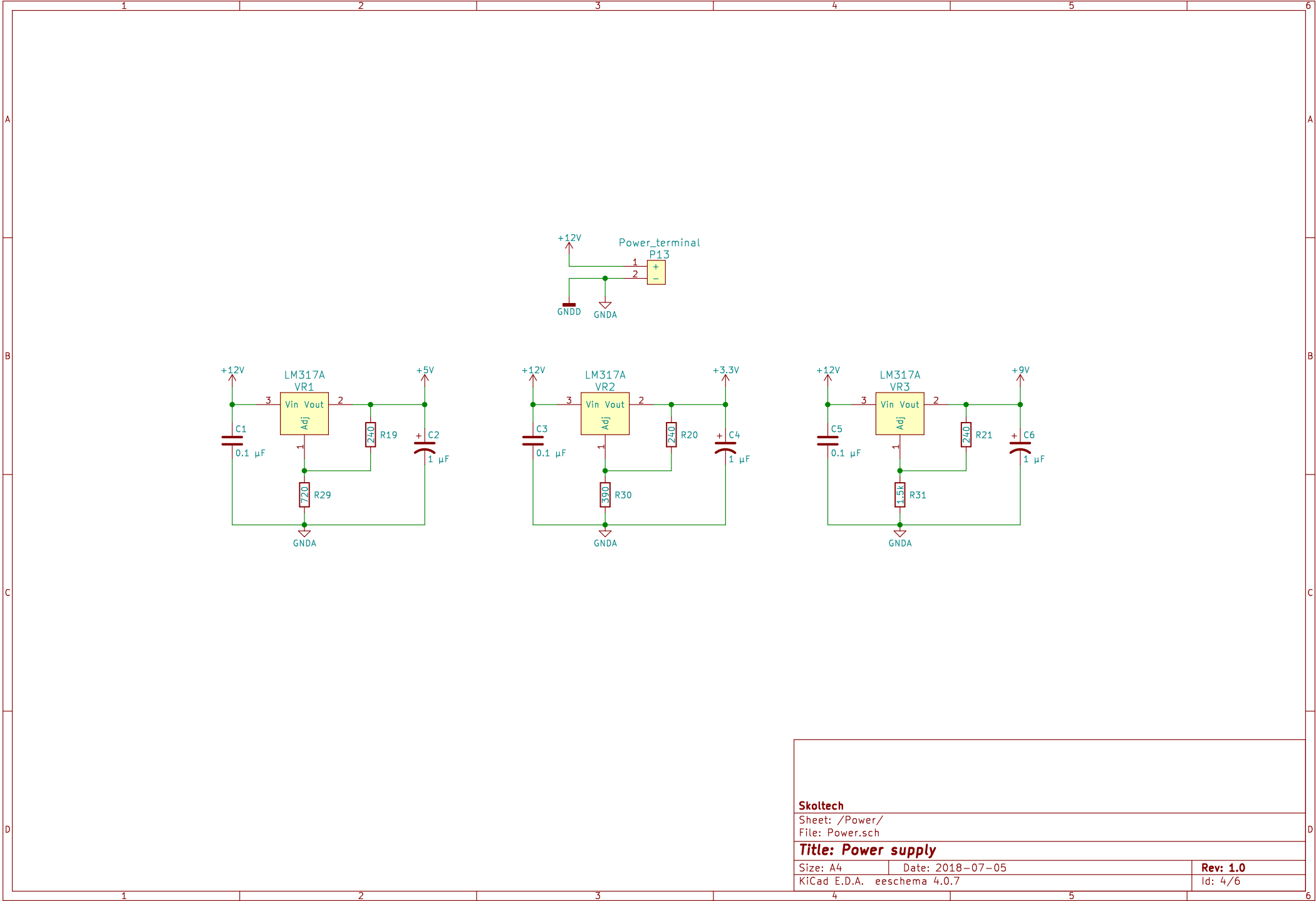
Size: A4

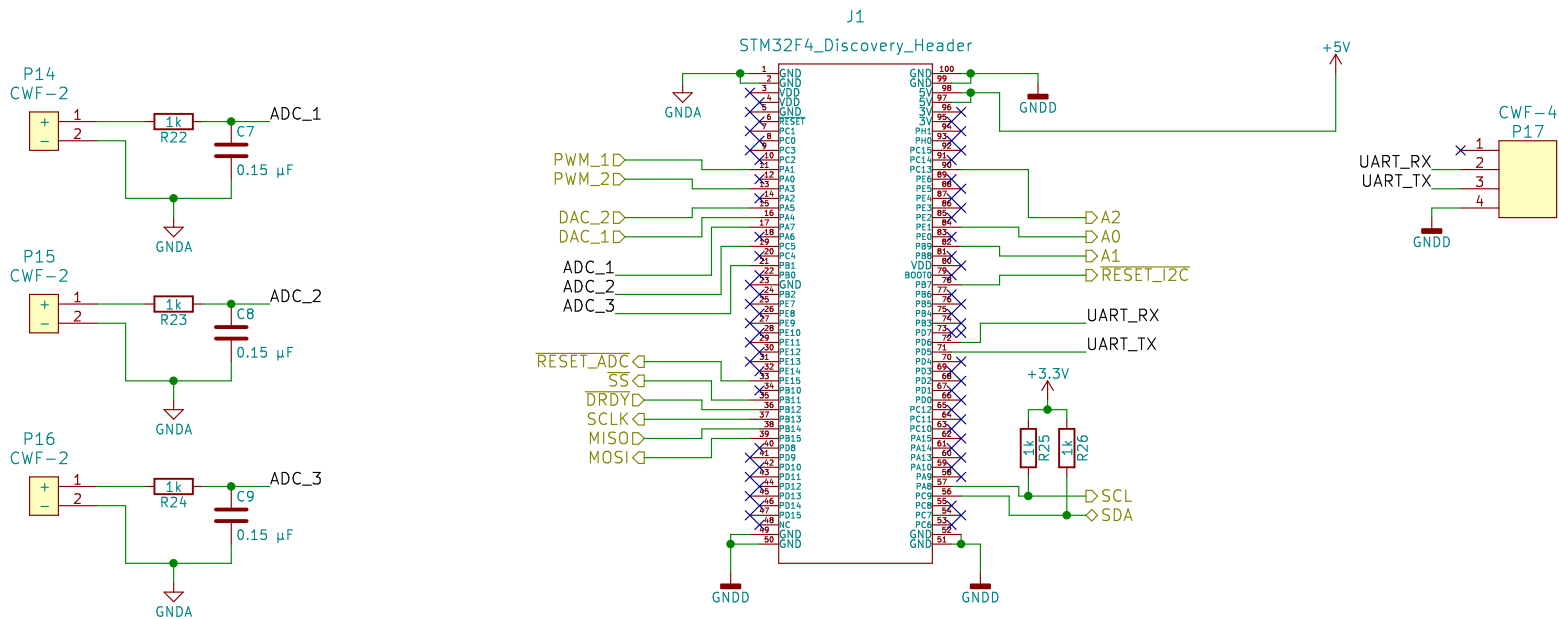
Date: 2018-07-05

Rev: 1.0

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Id: 3/6





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Sheet: /Stm32f4_Discovery/
File: Stm32f4_Discovery.sch

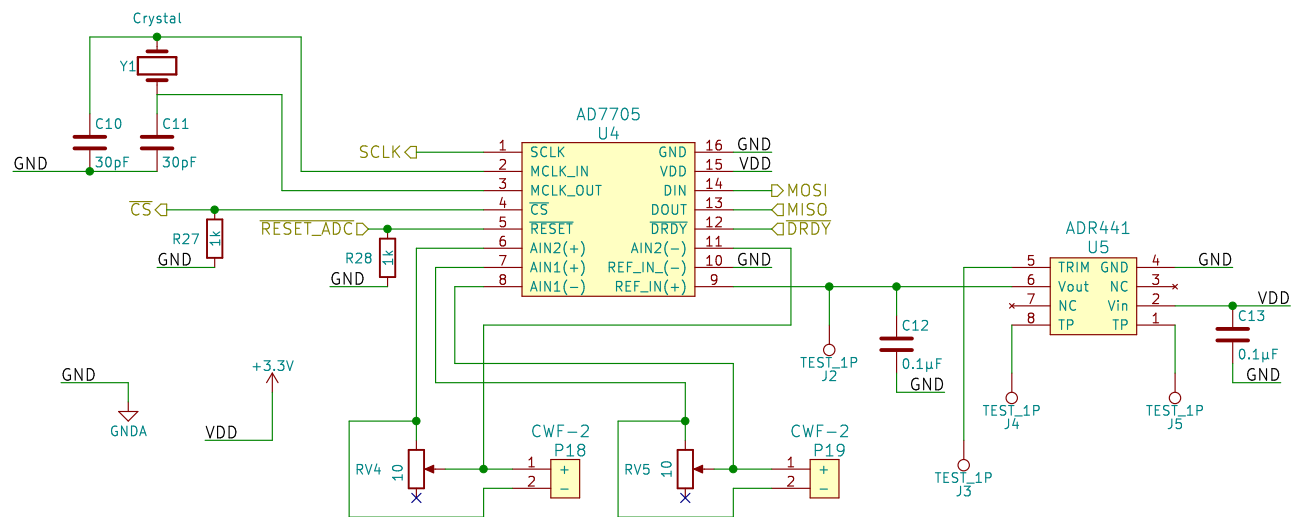
Title: MCU

Size: A4 Date: 2018-07-05

KiCad E.D.A. eeschema 4.0.7

Rev: 1.0

Id: 5/6



Skoltech

Sheet: /External_ADC/

File: External_ADC.sch

Title: External SPI ADC

Size: A4

Date: 2018-07-05

Rev: 1.0

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Id: 6/6