

# Sheet: Inputs\_Outputs

MOSFET\_OUT\_1<  
MOSFET\_OUT\_2<  
MOSFET\_OUT\_3<  
MOSFET\_OUT\_4<  
MOSFET\_OUT\_5<  
MOSFET\_OUT\_6<  
MOSFET\_OUT\_7<  
MOSFET\_OUT\_8<  
MOSFET\_OUT\_9<  
MOSFET\_OUT\_10<  
MOSFET\_OUT\_11<  
MOSFET\_OUT\_12<  
MOSFET\_OUT\_13<  
MOSFET\_OUT\_14<  
MOSFET\_OUT\_15<  
MOSFET\_OUT\_16<  
AN\_IN1\_DAC1\_INPUT<  
AN\_IN2\_DAC2\_INPUT<

File: Inputs\_Outputs.sch

# Sheet: GPIO

ENC1<  
ENC2<  
ENC\_BUTTON<  
GPIO\_1<  
GPIO\_2<  
GPIO\_3<  
GPIO\_4<  
GPIO\_5<  
GPIO\_6<  
GPIO\_7<  
GPIO\_8<  
GPIO\_9<  
GPIO\_10<  
GPIO\_11<  
GPIO\_12<

File: GPIO.sch

# Sheet: MCU

TIM1\_CH1  
TIM1\_CH2  
TIM1\_CH3  
TIM1\_CH4  
TIM2\_CH1  
TIM2\_CH2  
TIM3\_CH1  
TIM3\_CH2  
TIM3\_CH3  
TIM3\_CH4  
TIM4\_CH1  
TIM4\_CH2  
TIM4\_CH3  
TIM4\_CH4  
MOSFET\_15  
MOSFET\_16  
DAC\_OUT1\_ADC\_IN4  
DAC\_OUT2\_ADC\_IN5

ADC\_IN2  
ADC\_IN3  
ADC\_IN6  
ADC\_IN7  
ADC\_IN14  
ADC\_IN15

File: MCU.sch

# Sheet: Peripherals

PPS\_GPS\_IN<  
USART1\_TX<  
USART1\_RX<  
USART2\_TX<  
USART2\_RX<  
USART3\_RX<  
USART3\_TX<  
SPI2\_MISO<  
SPI2\_MOSI<  
SPI2\_SCK<  
USB\_DP<  
USB\_DM<  
I2C2\_SDA<  
I2C2\_SCL<  
NRST<

PPS\_GPS  
RX\_GPS  
TX\_GPS  
BUZZER  
RXD2\_NODEMCU  
TXD2\_NODEMCU  
RX  
TX  
MISO  
MOSI  
SCK  
USB\_DATA+  
USB\_DATA-  
LCD\_SDA  
LCD\_SCL  
RESET\_BUTTON

File: Peripherals.sch

# Sheet: PowerSupply\_and\_BoardTemp

ADC\_IN10<  
ADC\_IN11<  
ADC\_IN12<  
ADC\_IN13<  
ADC\_IN0<  
ADC\_IN1<

VIN\_MEASURE  
5V\_MEASURE  
BOARD\_TEMP\_1  
BOARD\_TEMP\_2  
BOARD\_TEMP\_3  
BOARD\_TEMP\_4

File: PowerSupply\_and\_BoardTemp.sch

# Sheet: Memory

SDIO\_D0<  
SDIO\_D1<  
SDIO\_D2<  
SDIO\_D3<  
SDIO\_CMD<  
SDIO\_CLK<  
EEPROM\_WP1<  
EEPROM\_WP2<  
I2C1\_SDA<  
I2C1\_SCL<

FLASH\_DATA\_0  
FLASH\_DATA\_1  
FLASH\_DATA\_2  
FLASH\_DATA\_3  
FLASH\_DATA\_CMD  
FLASH\_DATA\_CLK  
EEPROM\_WP1  
EEPROM\_WP2  
EEPROM\_SDA  
EEPROM\_SCL

File: Memory.sch

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**Wojciech Grzełński**

Sheet: /

File: BodyComputer.sch

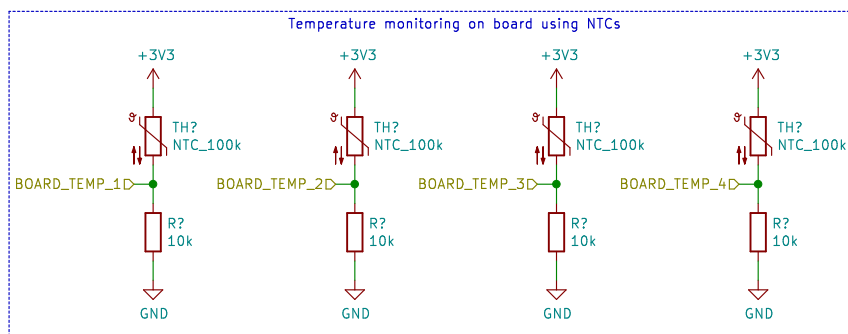
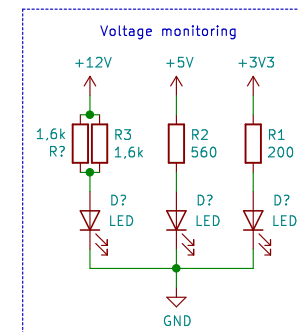
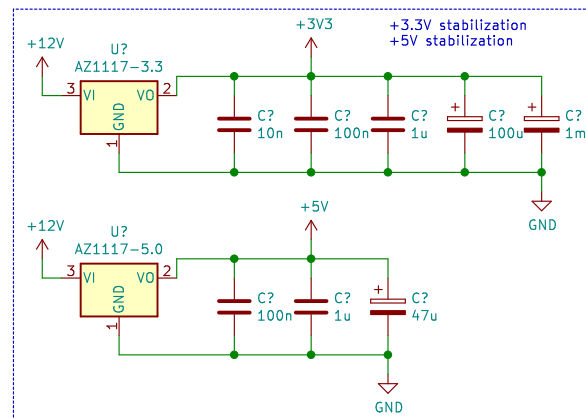
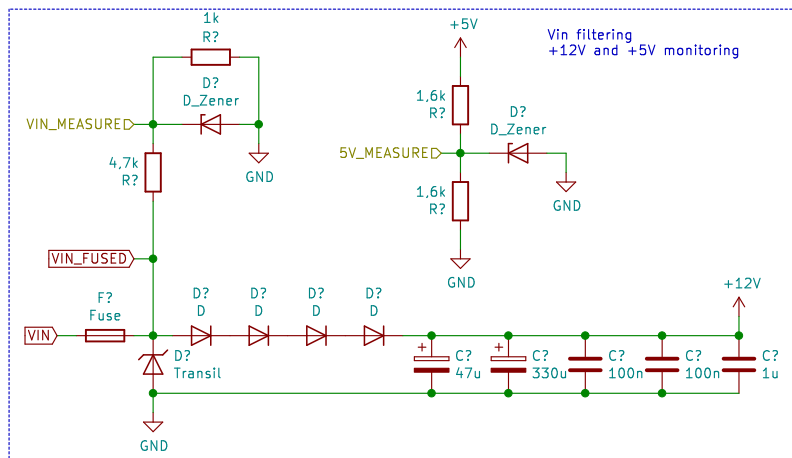
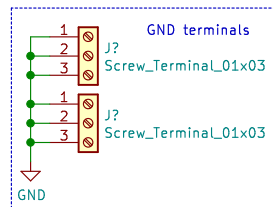
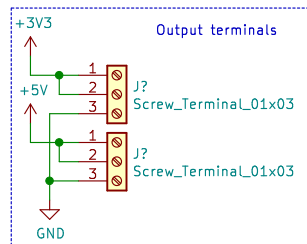
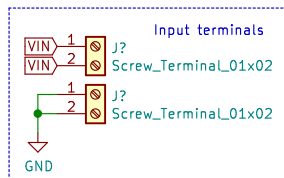
**Title: Body Computer**

Size: A4 Date: 2020-03-09

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Sheet: /PowerSupply\_and\_BoardTemp/

File: PowerSupply\_and\_BoardTemp.sch

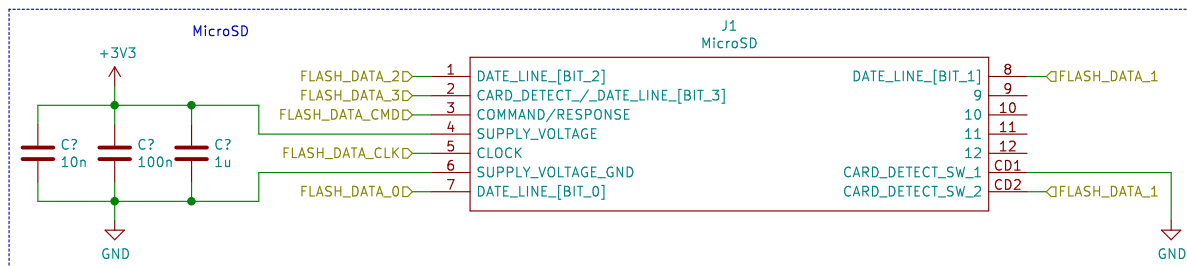
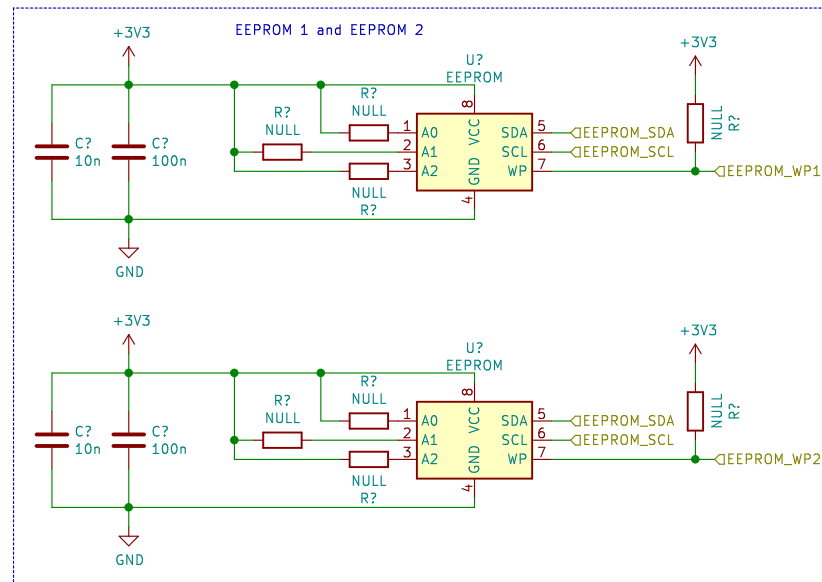
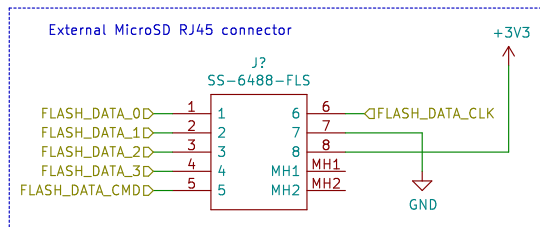
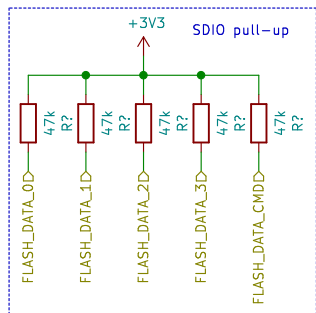
**Title: Body Computer**

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Sheet: /Memory/

File: Memory.sch

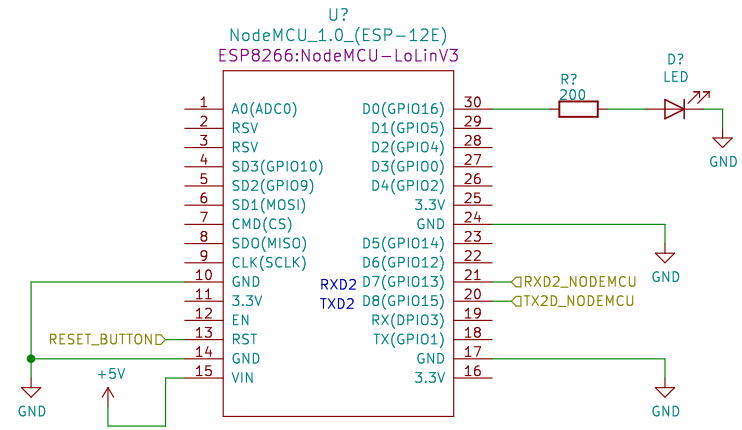
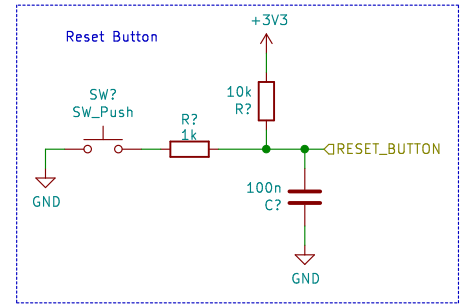
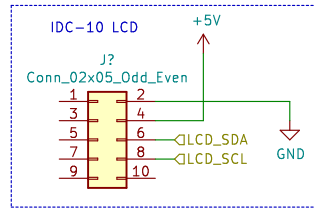
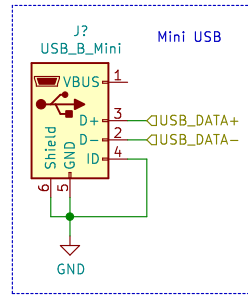
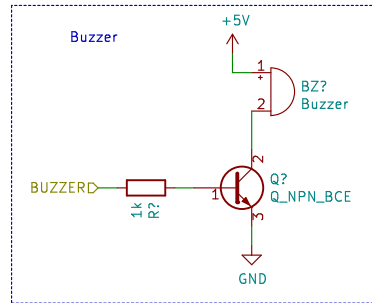
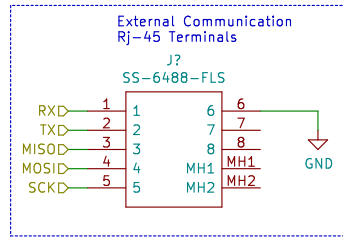
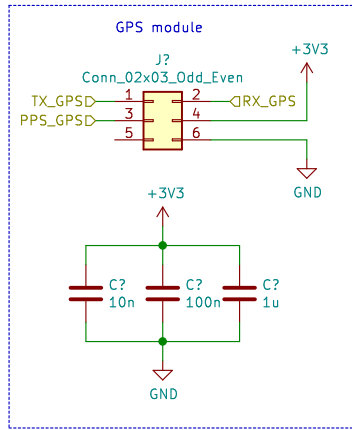
**Title: Body Computer**

Size: A4 Date: 2020-03-09

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File: Peripherals.sch		
<b>Title:</b>		
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