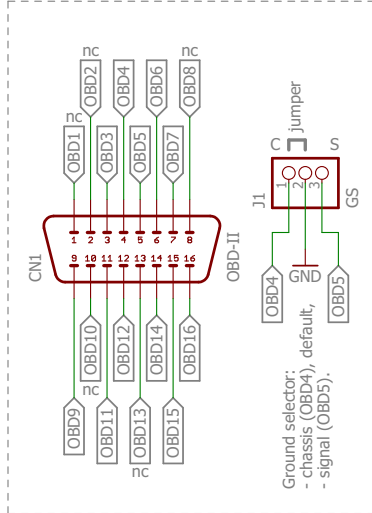
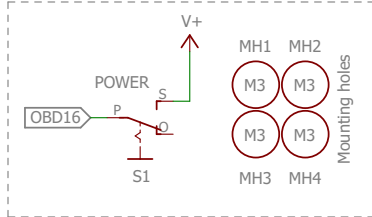


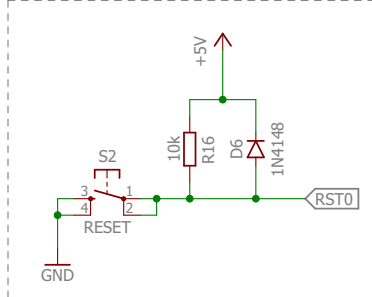
Data Link Connector (OBD-II, SAE J1962)



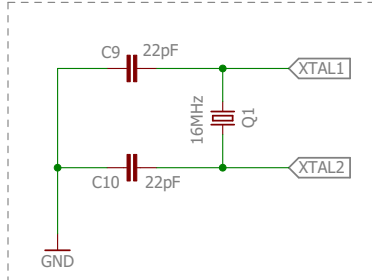
Power switch (ON/OFF)



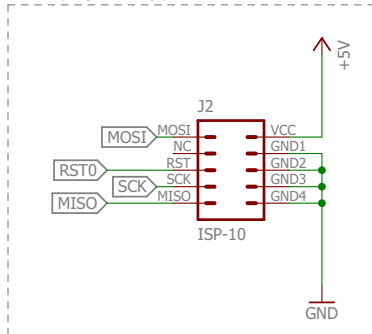
Reset circuit



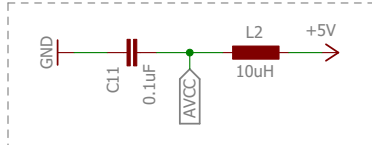
Crystal oscillator circuit



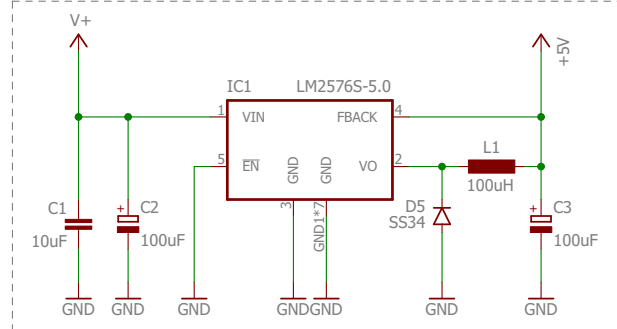
ISP-10 programming port



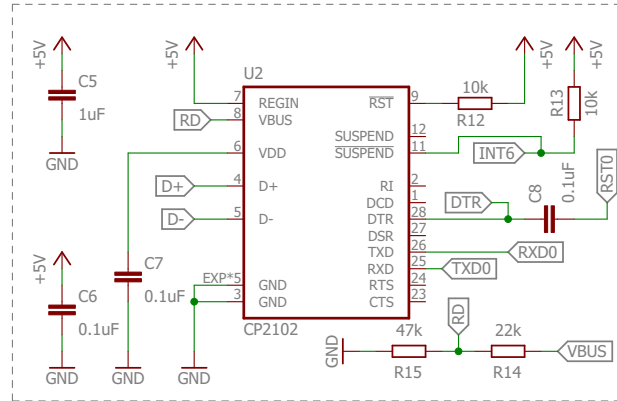
ADC lowpass filter



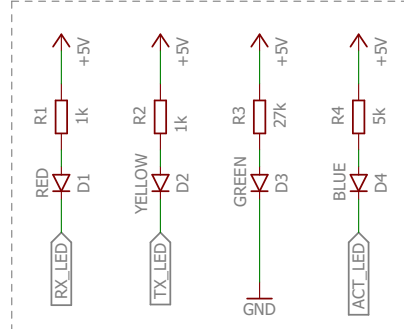
Power supply



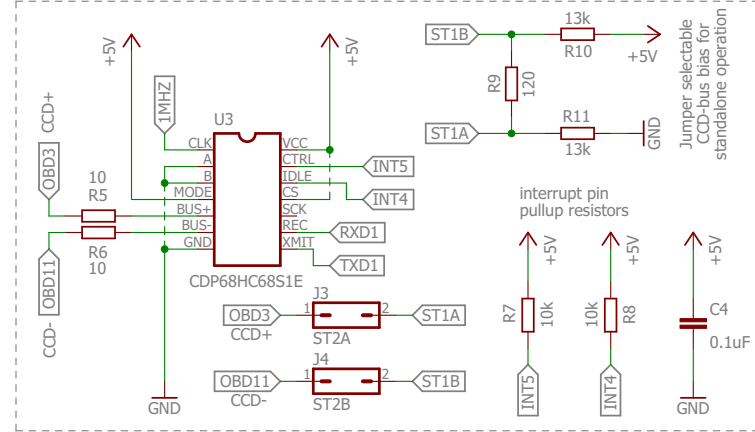
USB / UART Bridge + Micro-B USB connector



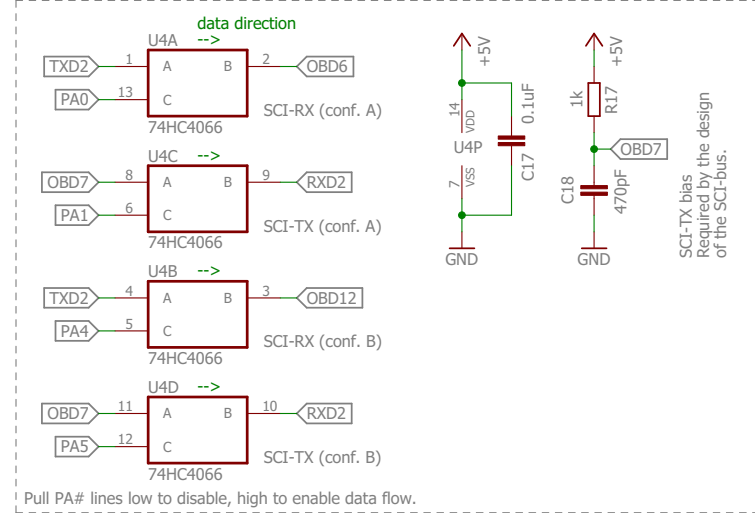
Status LEDs



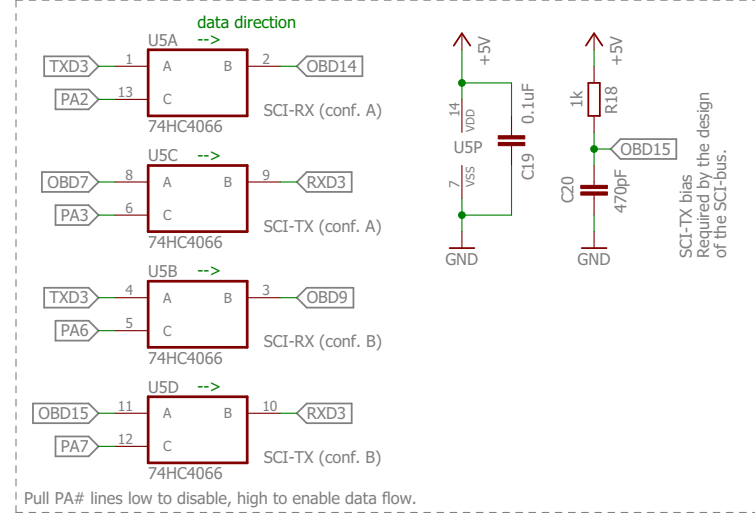
CCD-bus interface (UART mode)



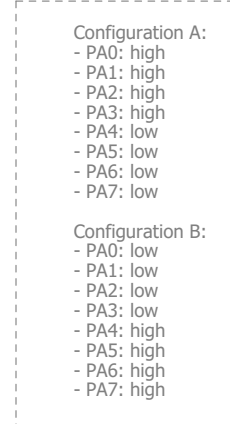
SCI-BUS_A/B_ENGINE interface (UART)



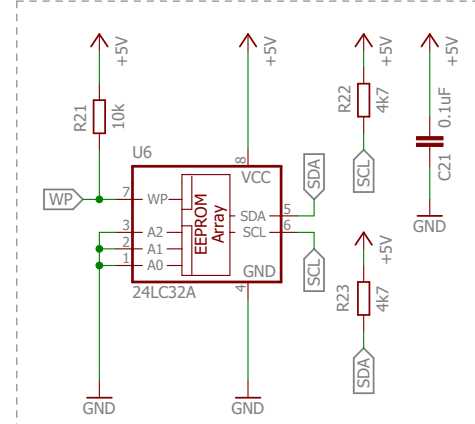
SCI-BUS_A/B_TRANSMISSION interface (UART)



SCI-bus configuration selector



External EEPROM (4kB)



Changelog:
V1.40: original

V1.41:
- USB connector replaced with through-hole variant.
- FTDI connector added; CP2102 is hard to solder. FTDI programming is a good alternative.
- C2 and C3 capacitors replaced with SMD-variant.
- components moved around and routing changed to optimize layout.

V1.42:
- J6 (EXT_5V) connector replaced and moved.
- J7 (FTDI) connector replaced and moved.