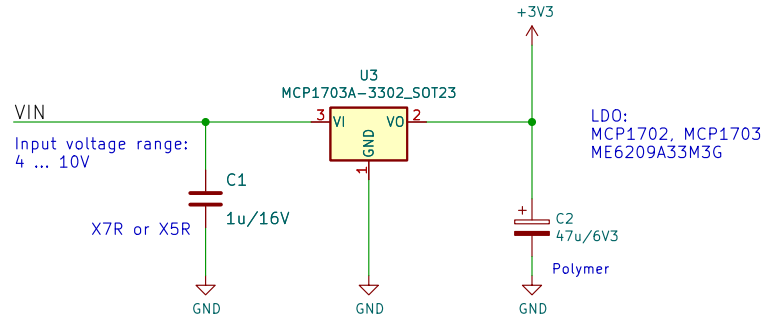
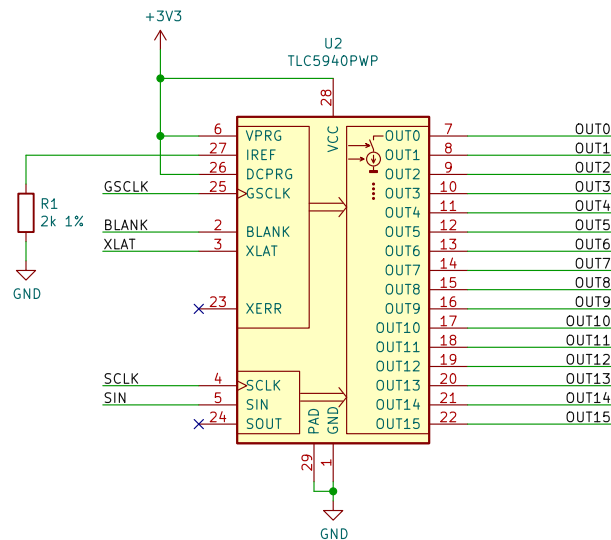


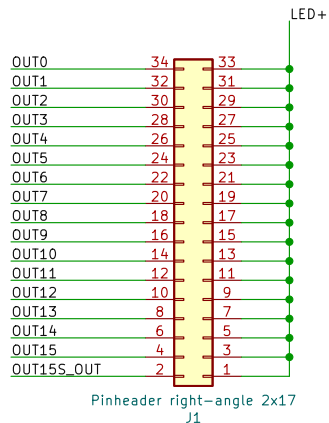
Voltage regulator



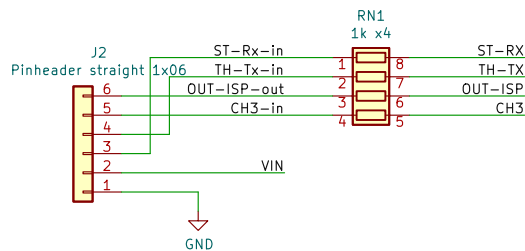
LED driver



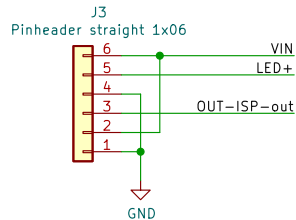
LED output



Servo/Pre-processor in/out

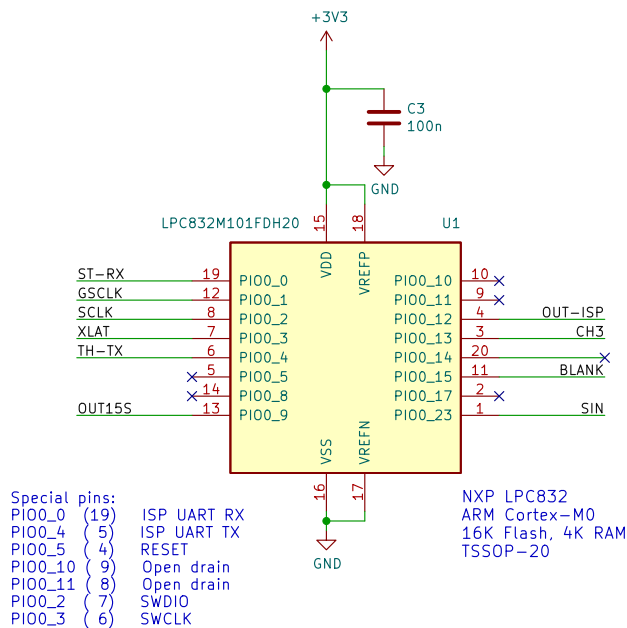


Output connector



VIN1 is physically close to LED+. This allows two modes of operation:
1) when VIN1 is connected to LED+ via a jumper, then the LEDs are powered from the receiver.
2) A separate power supply can be connected to LED+ (and the nearby GND), e.g. for higher voltages

Microcontroller



PI00_14 serves as detection whether the hardware has the TLC5940 or is the switching version. For TLC5940 it must be left floating (pull-up). For switching version it must be pulled to GND.

Pin assignment is similar to LPC812, with the following exceptions:
BLANK is PI00_15 instesad of PI00_6
SIN is PI00_23 instesad of PI00_7

Switched output driver

