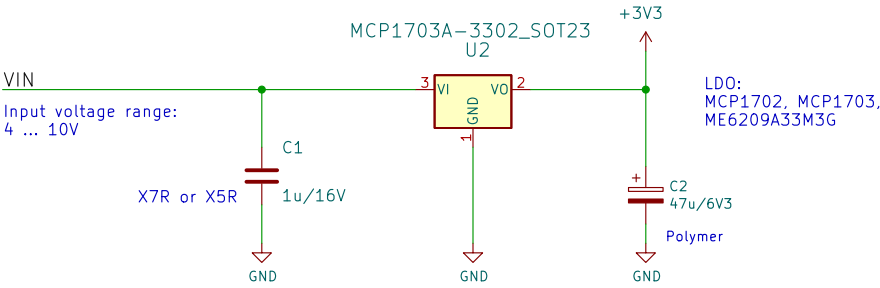
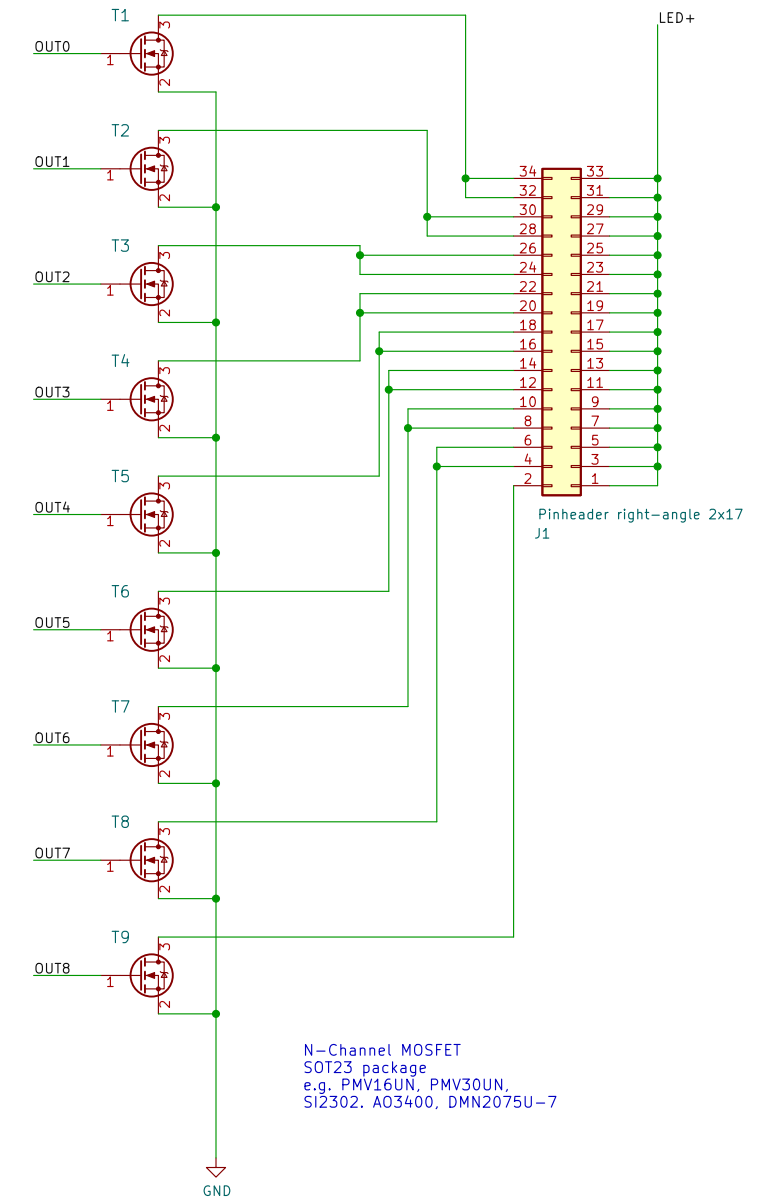


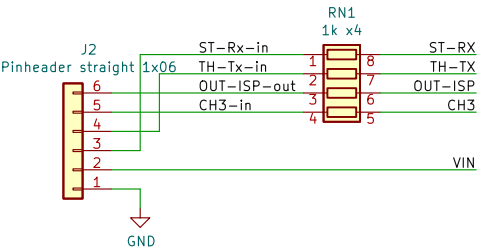
Voltage regulator



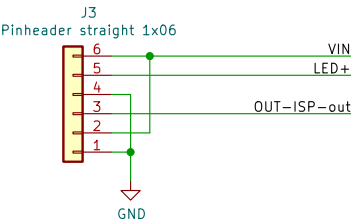
LED driver and outputs



Servo/Pre-processor in/out

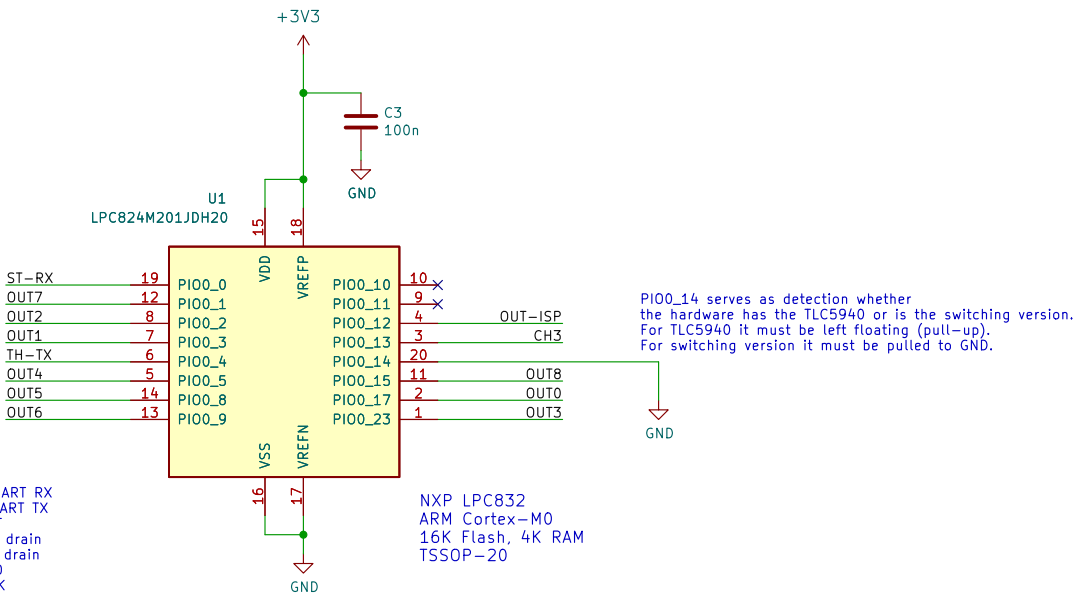


Output connector



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



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LANE Boys RC
Sheet: /
File: rc-light-controller-switching.kicad_sch

Title: DIY RC Light Controller Mk4 S

Size: A3 Date: 2020-06-14
KiCad E.D.A. eeschema 6.0.11+dfsg-1

Rev: 1
Id: 1/1