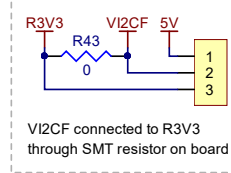


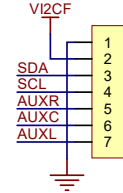
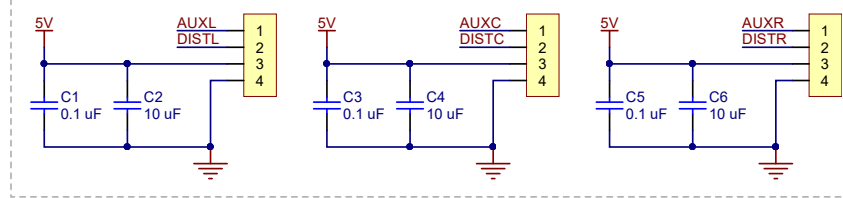
Power rail key

- 5V: regulated 5V output of TI-RSLK chassis board
- R3V3: regulated 3.3V output of TI-RSLK chassis board
- L3V3: 3.3V from LaunchPad
- VI2CF: front I²C sensor supply (connected to R3V3)
- VI2CB: back I²C sensor supply (connected to R3V3)
- VBAT: direct battery voltage (no reverse protection)
- VRP: reverse protected battery voltage before power switch
- VSW: reverse protected switched battery voltage

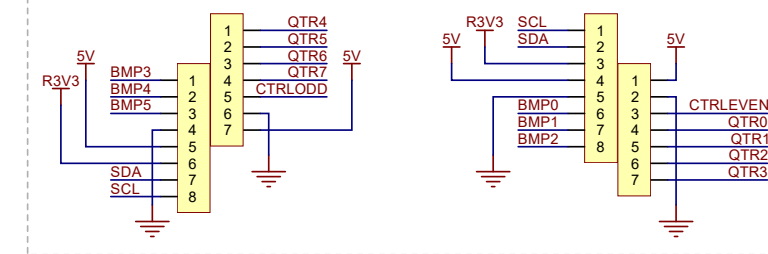
Front I²C voltage selection



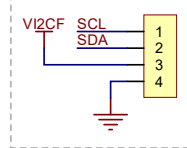
Distance sensor headers



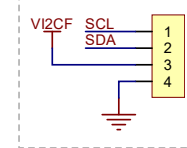
Headers for I²C, bump sensor, and reflectance sensor



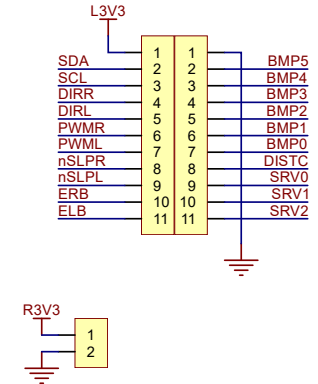
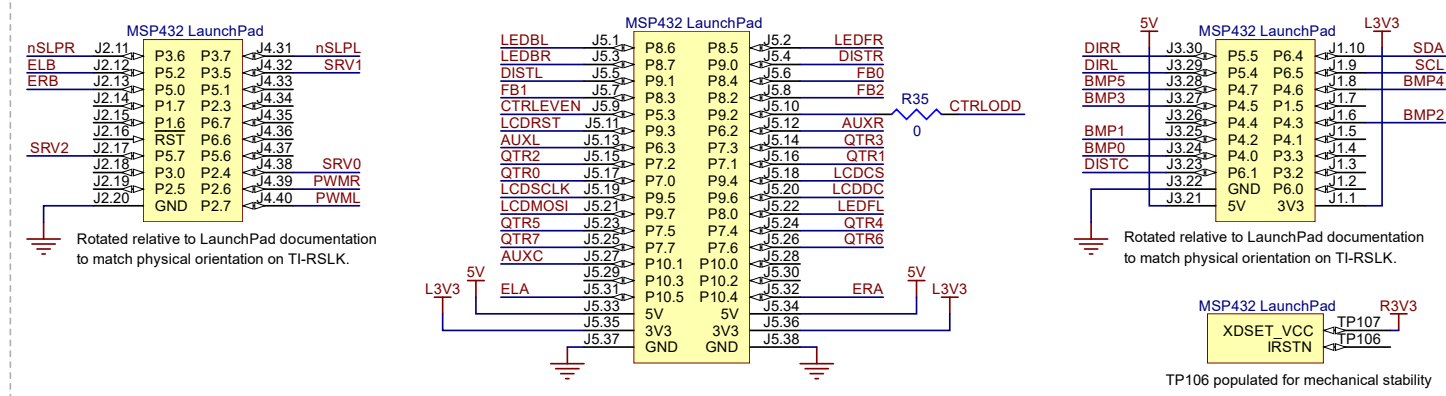
I²C sensor header



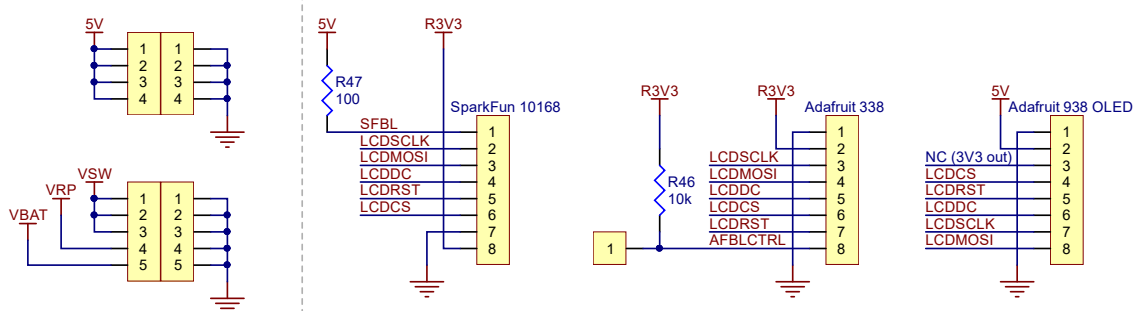
I²C sensor header



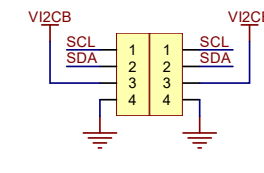
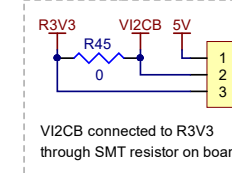
TI LaunchPad headers



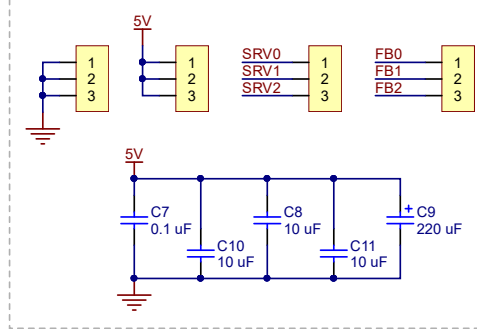
LCD headers



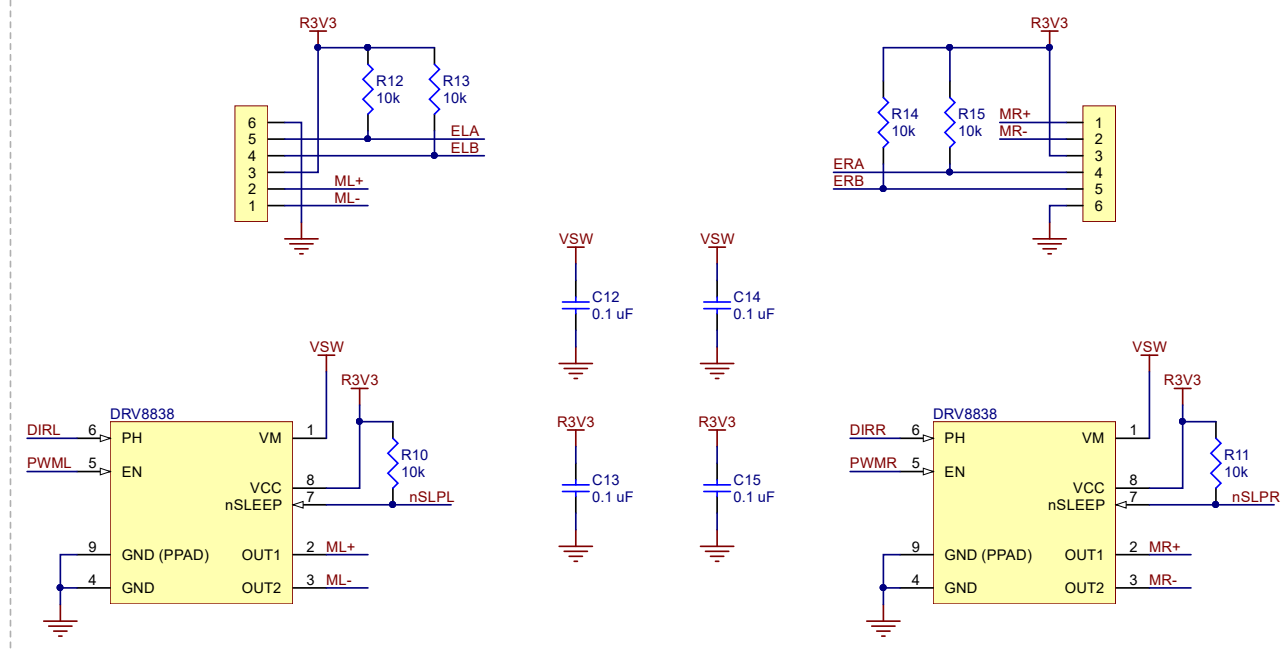
Back I²C voltage selection



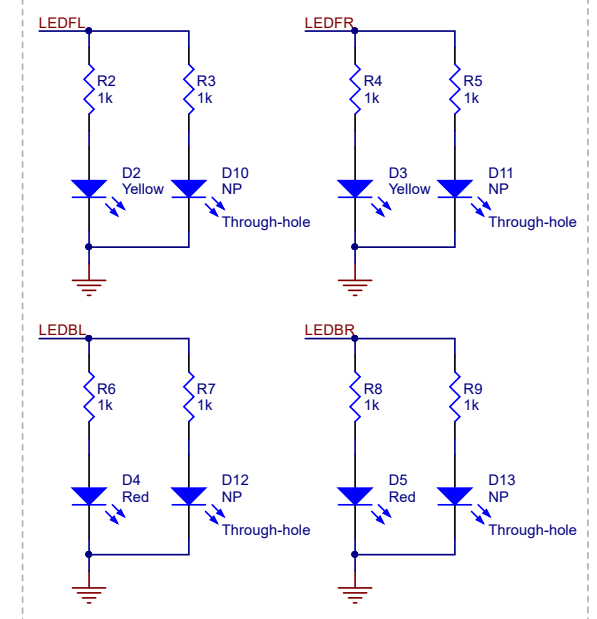
Servo headers and capacitors

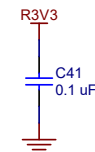
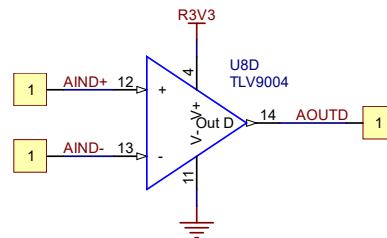
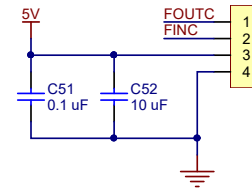
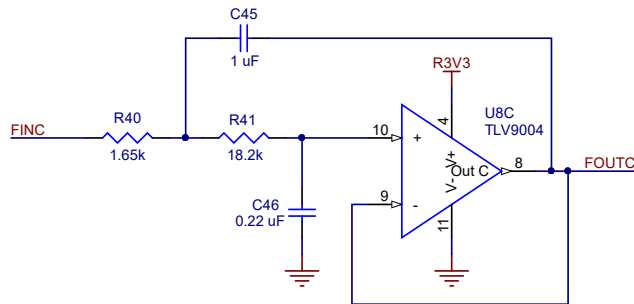
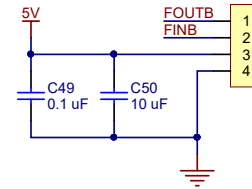
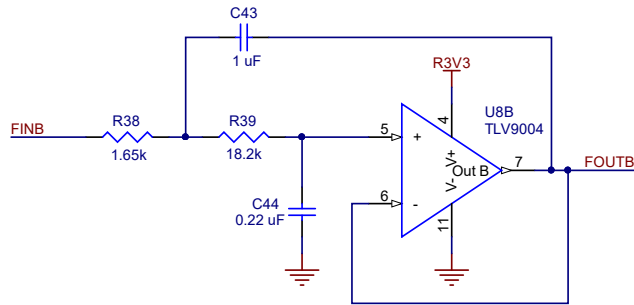
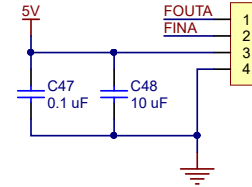
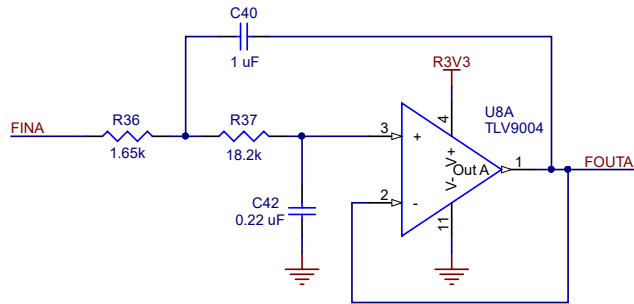


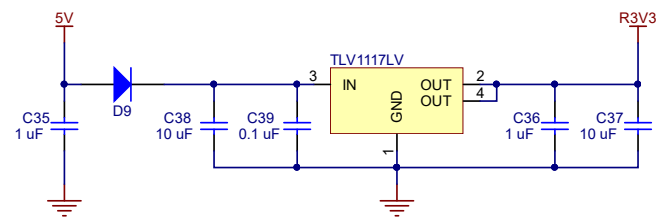
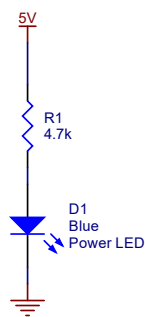
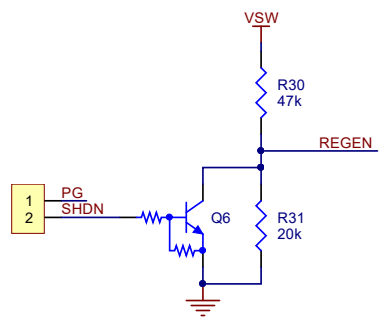
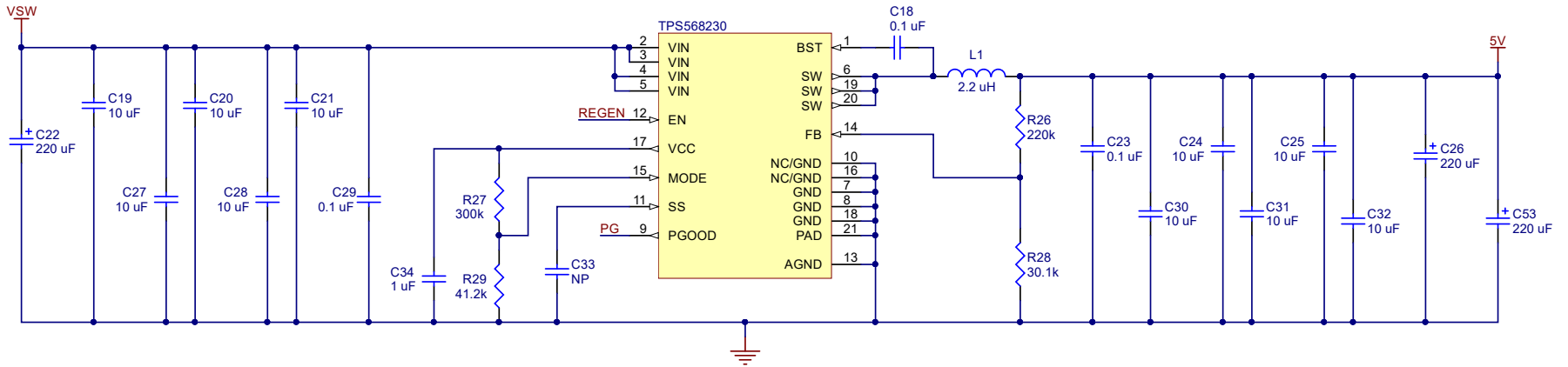
Motor drivers and encoders

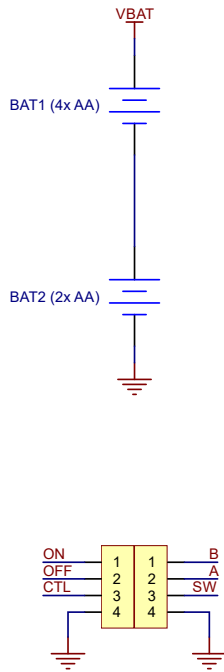


User LEDs

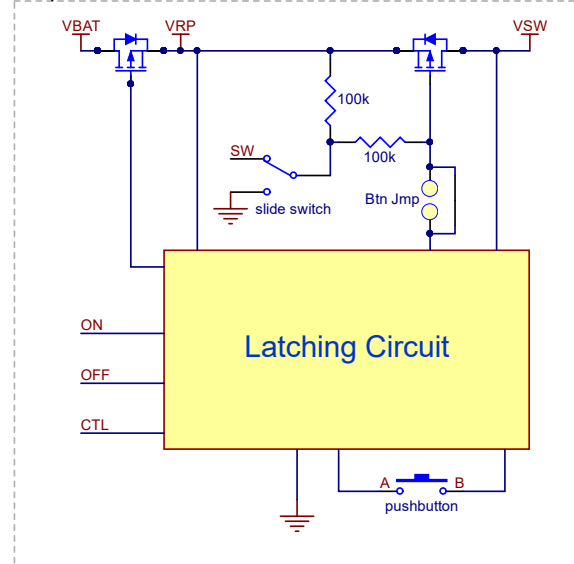




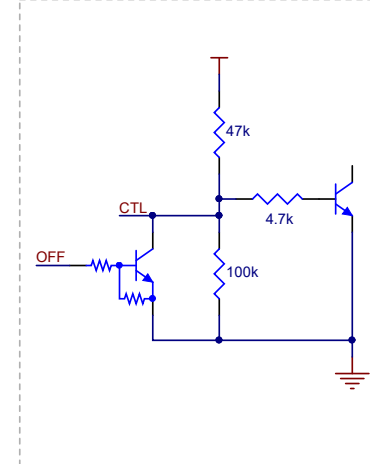




Simplified switch schematic



Input structure of OFF and CTRL inputs



Input structure of ON input

