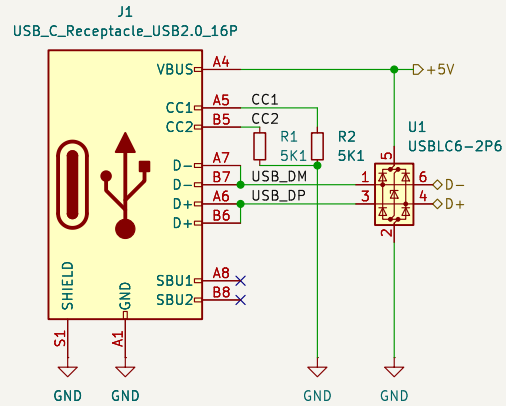
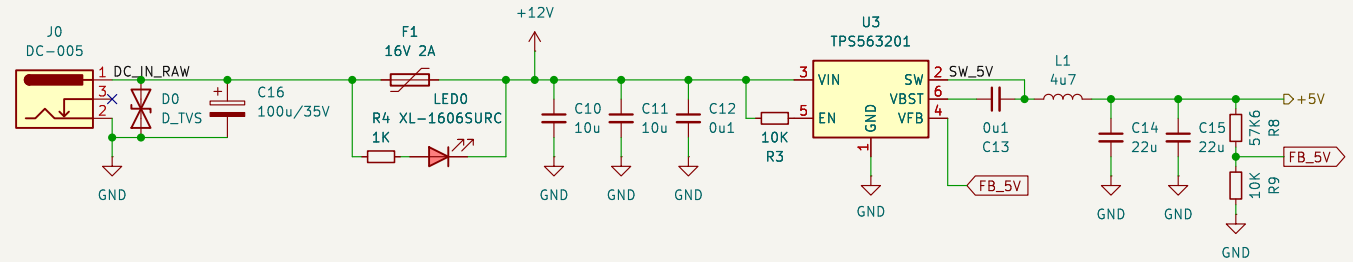


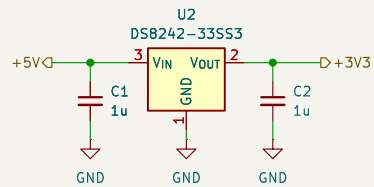
USB-C Port



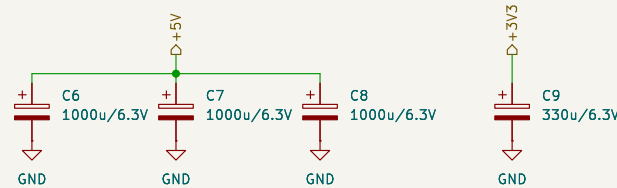
12V power input, 5V DC buck converter



5V to 3.3V LDO Regulator



Power Capacitors



PWR_FLAG → +12V
PWR_FLAG → +5V
PWR_FLAG → GND

Sheet: /Power/
File: power.kicad_sch

Title:

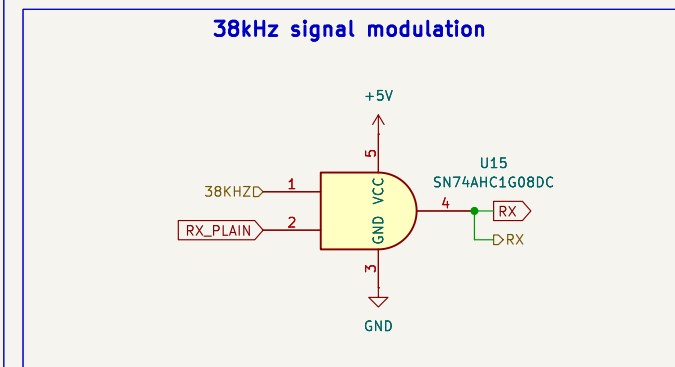
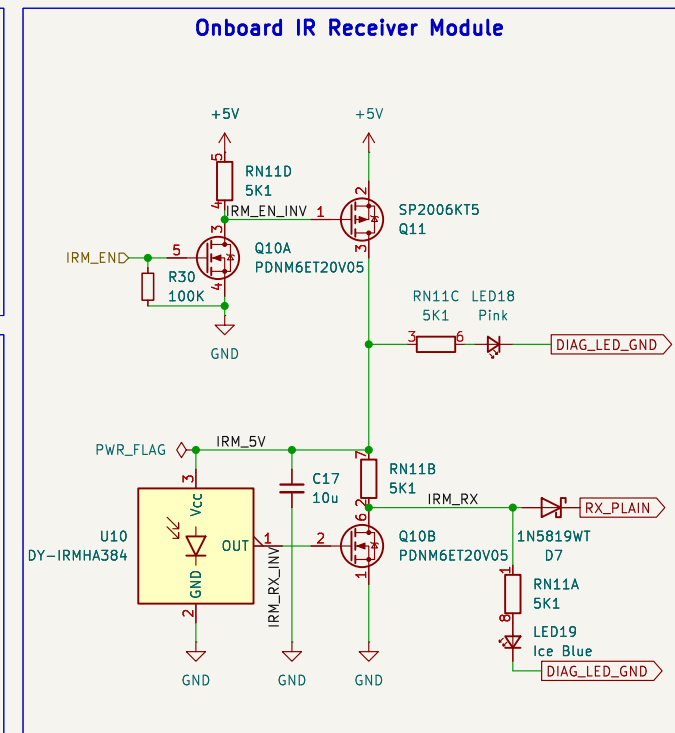
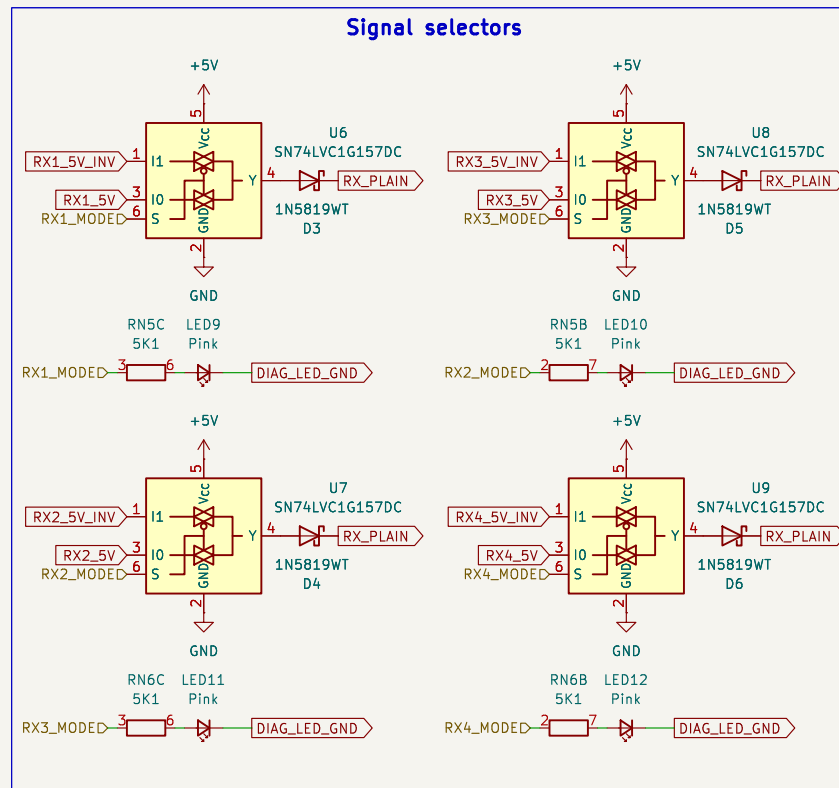
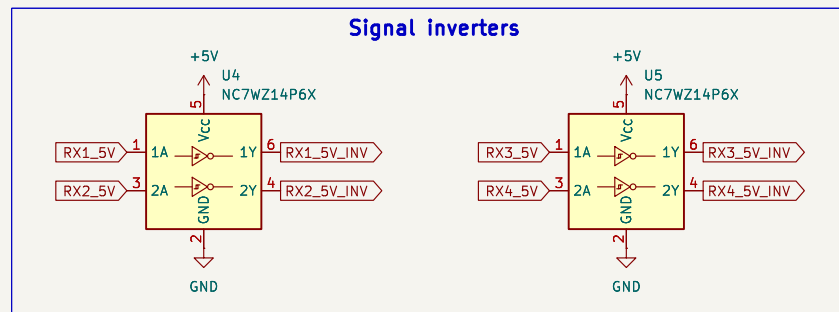
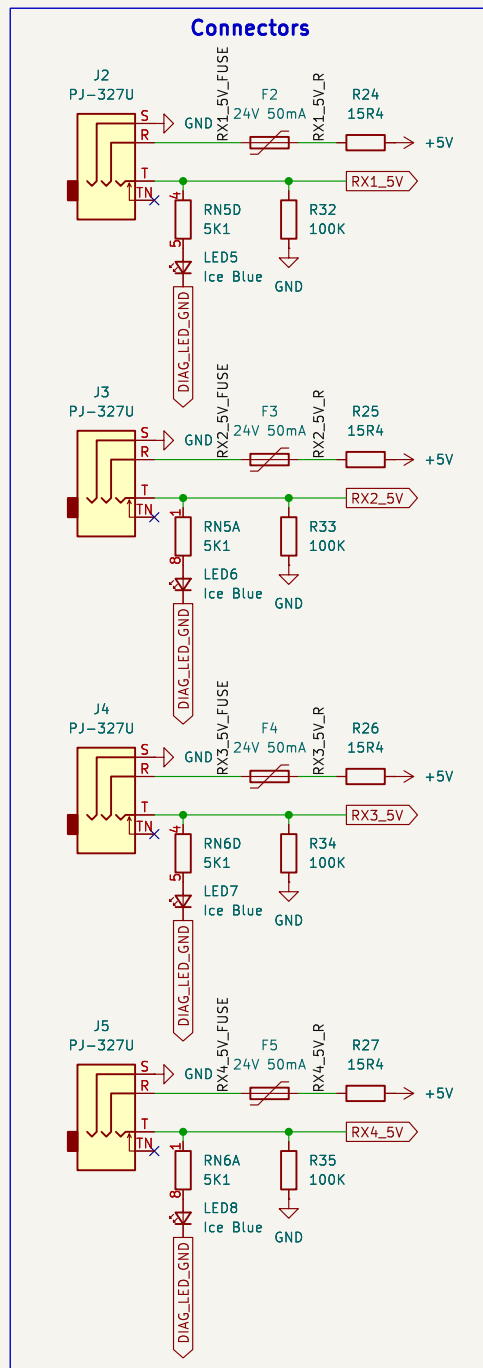
Size: A4

Date:

KiCad E.D.A. 9.0.1

Rev:

Id: 2/5



Sheet: /Infrared Receiver/
File: rx.kicad_sch

Title:

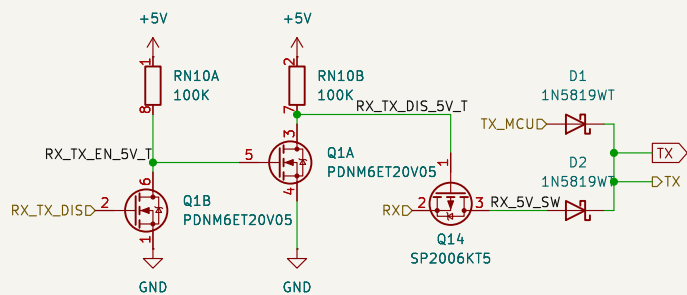
Size: A4	Date:
----------	-------

KiCad E.D.A. 9.0.1

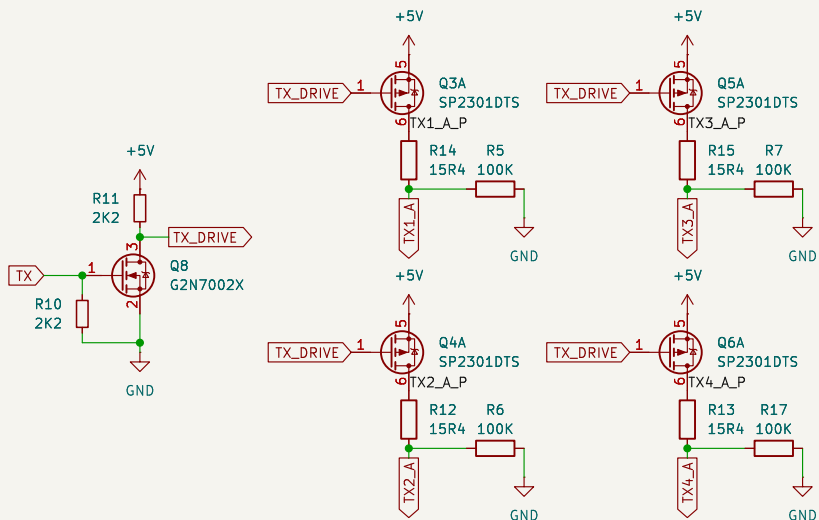
Rev:

Id: 3/5

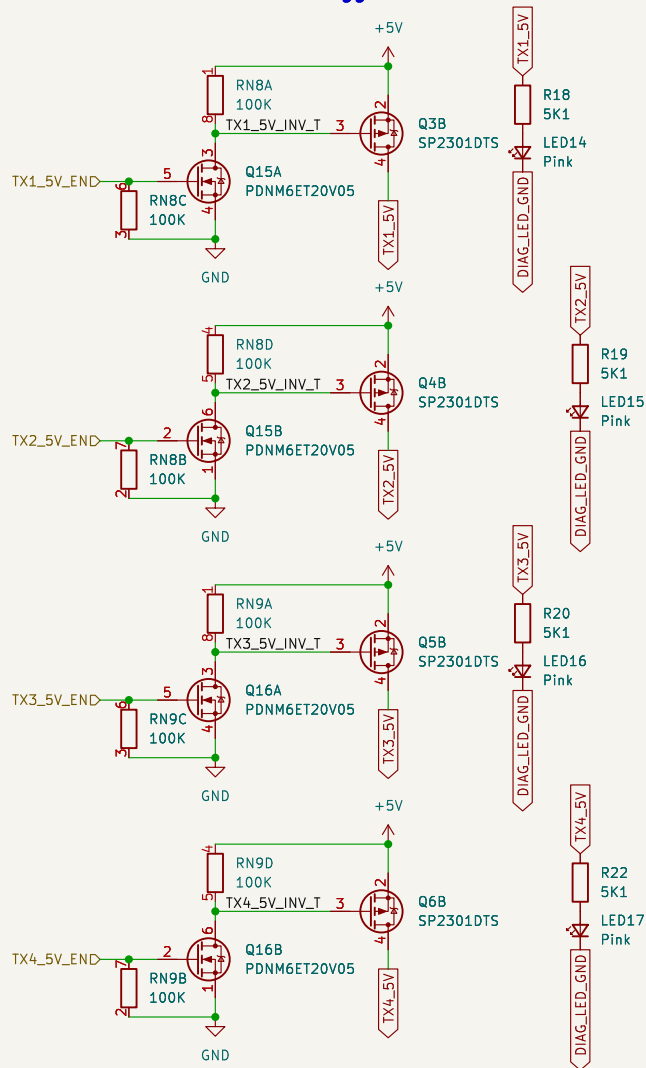
Transmit and repeater control



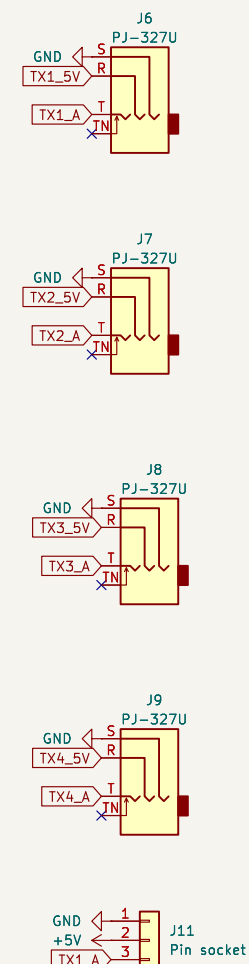
Signal drivers



5V toggles



Connectors



Sheet: /Infrared Transmitter/
File: tx.kicad_sch

Title:

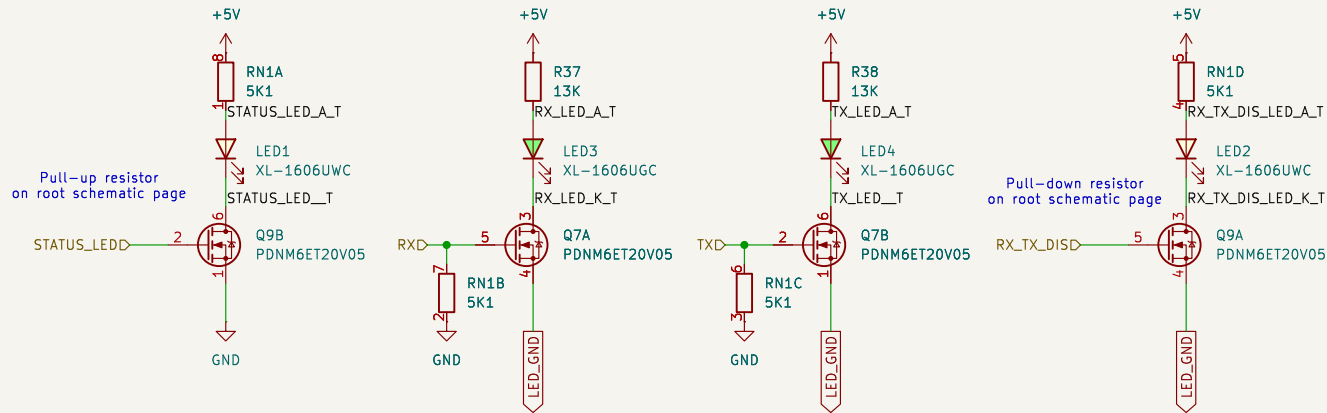
Size: A4 Date:

KiCad E.D.A. 9.0.1

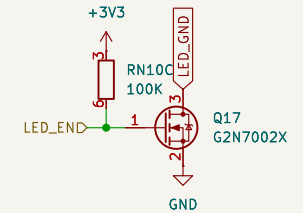
Rev:

Id: 4/5

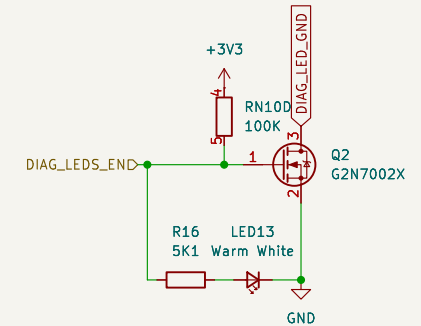
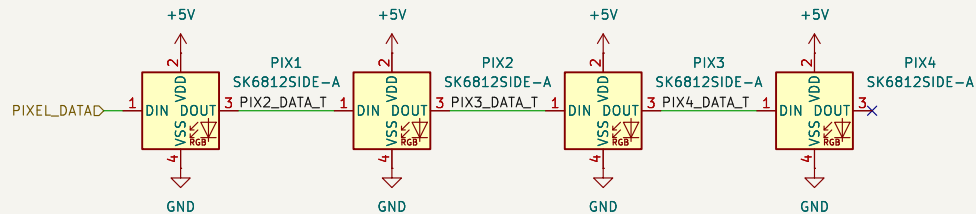
Indicator LEDs



LED brightness and toggle



Onboard Neopixels



Sheet: /Indicator LEDs/
File: led.kicad_sch

Title:

Size: A4
KiCad E.D.A. 9.0.1

Date:

Rev:

Id: 5/5