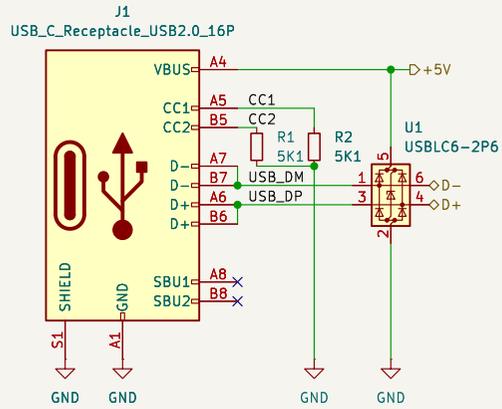
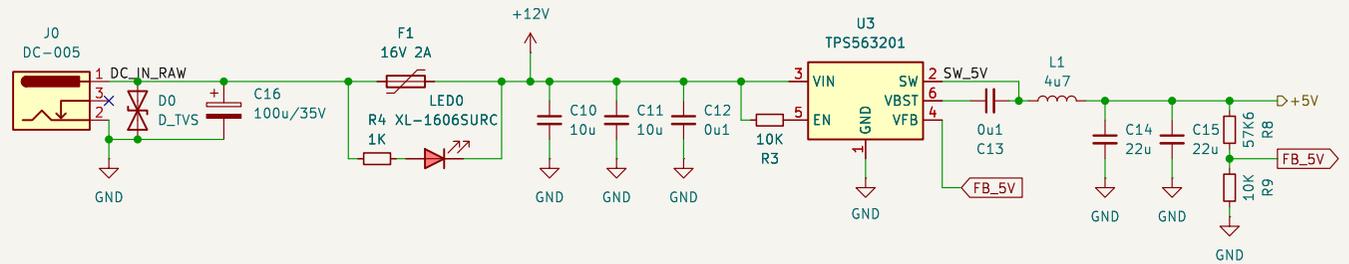


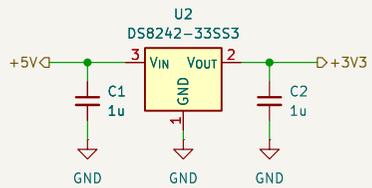
USB-C Port



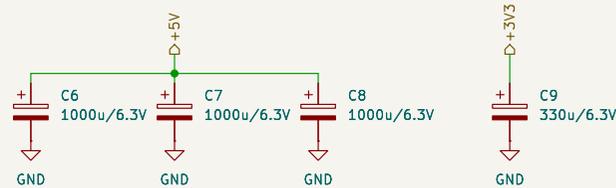
12V power input, 5V DC buck converter



5V to 3.3V LDO Regulator



Power Capacitors



PWR_FLAG \diamond \rightarrow +12V
PWR_FLAG \diamond \rightarrow +5V
PWR_FLAG \diamond \rightarrow GND

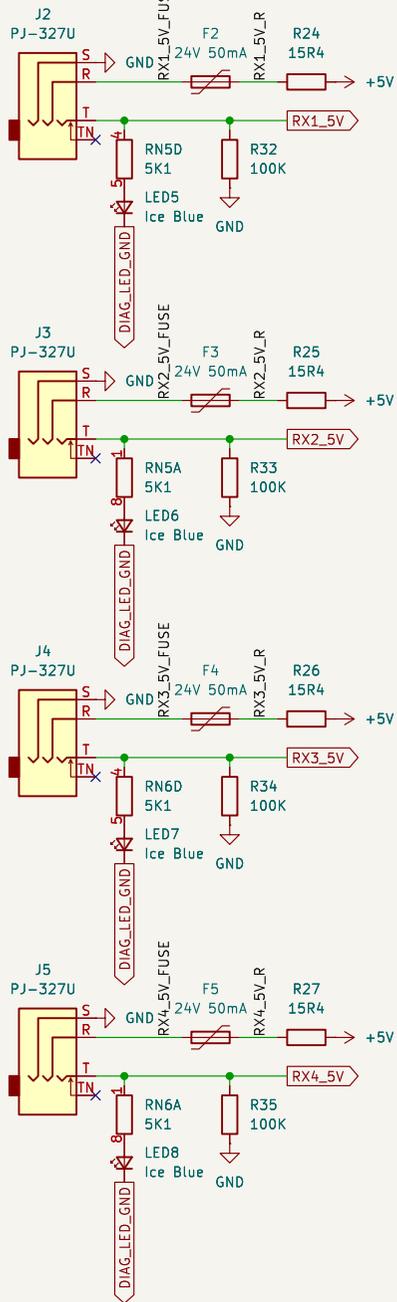
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Title:

Size: A4 Date:
KiCad E.D.A. 9.0.0

Rev:
Id: 2/5

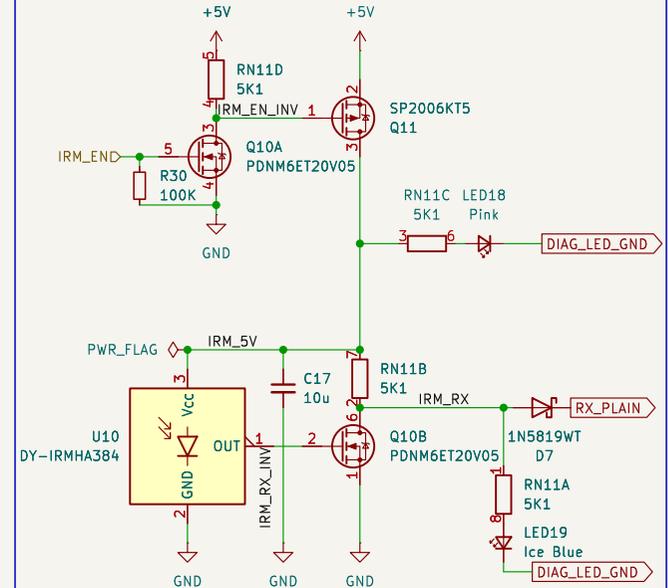
Connectors



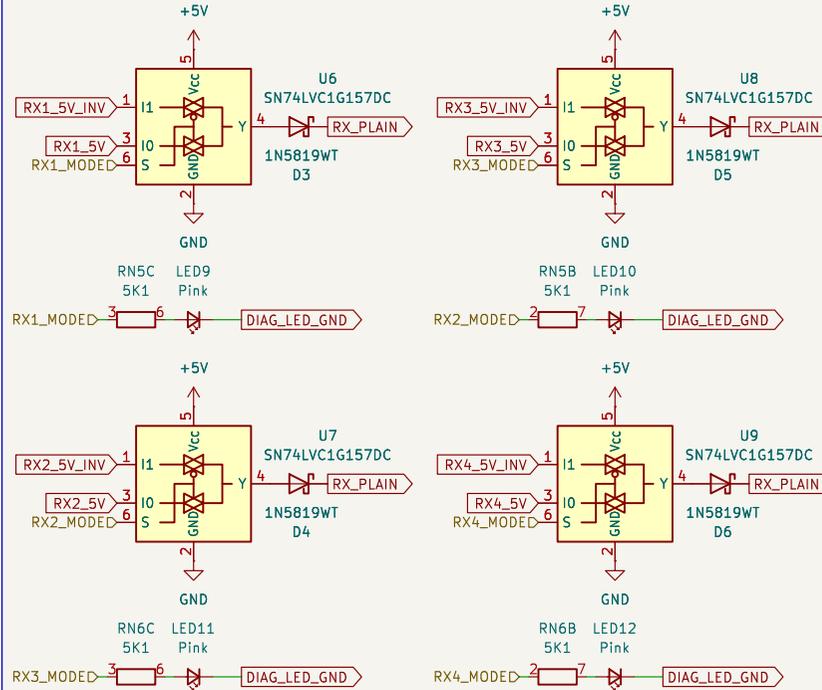
Signal inverters



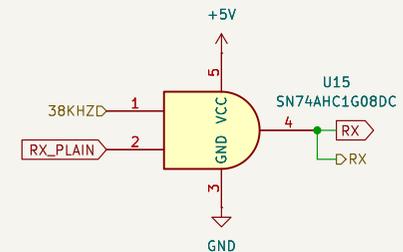
Onboard IR Receiver Module



Signal selectors



38kHz signal modulation



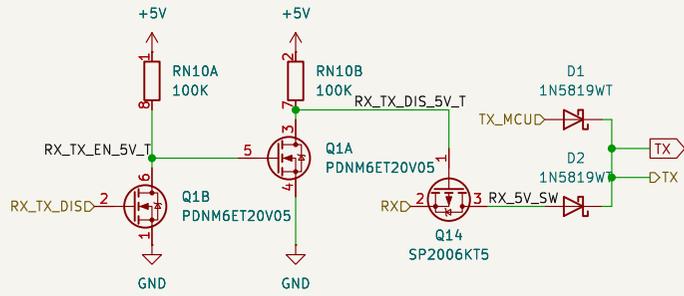
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File: rx.kicad_sch

Title:

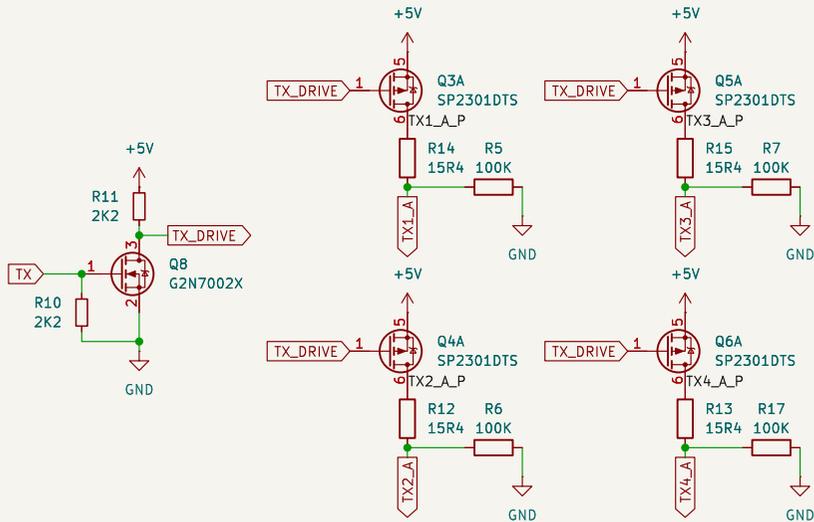
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Rev:
Id: 3/5

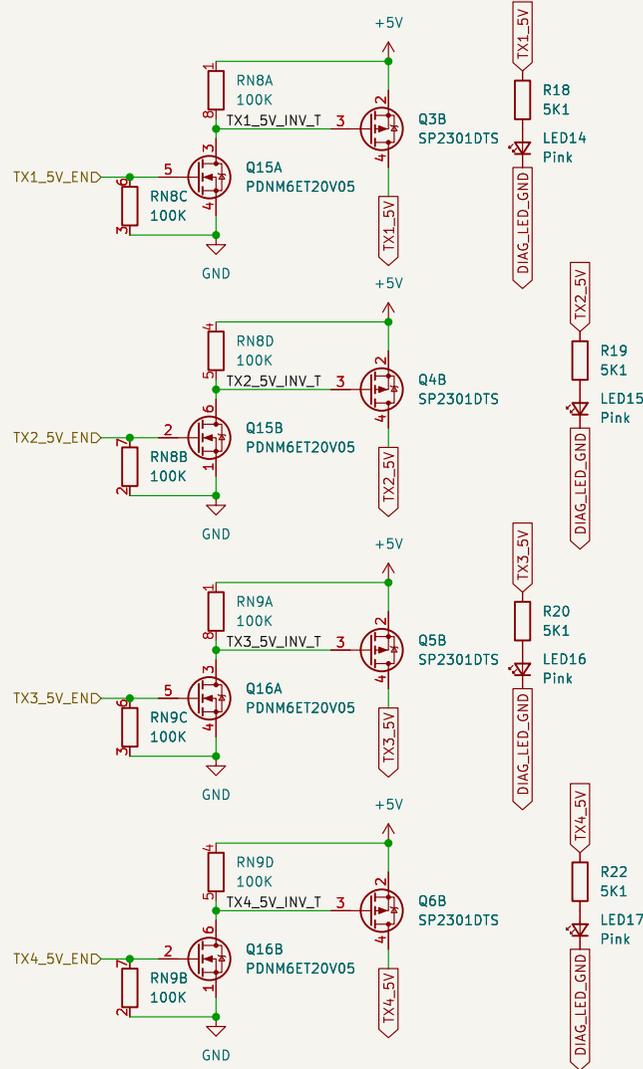
Transmit and repeater control



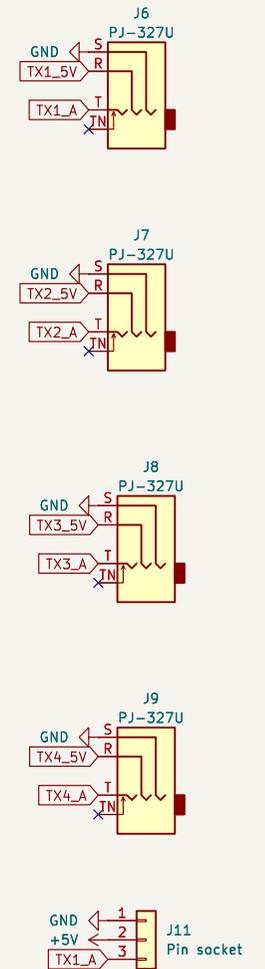
Signal drivers



5V toggles



Connectors



Sheet: /Infrared Transmitter/
File: tx.kicad_sch

Title:

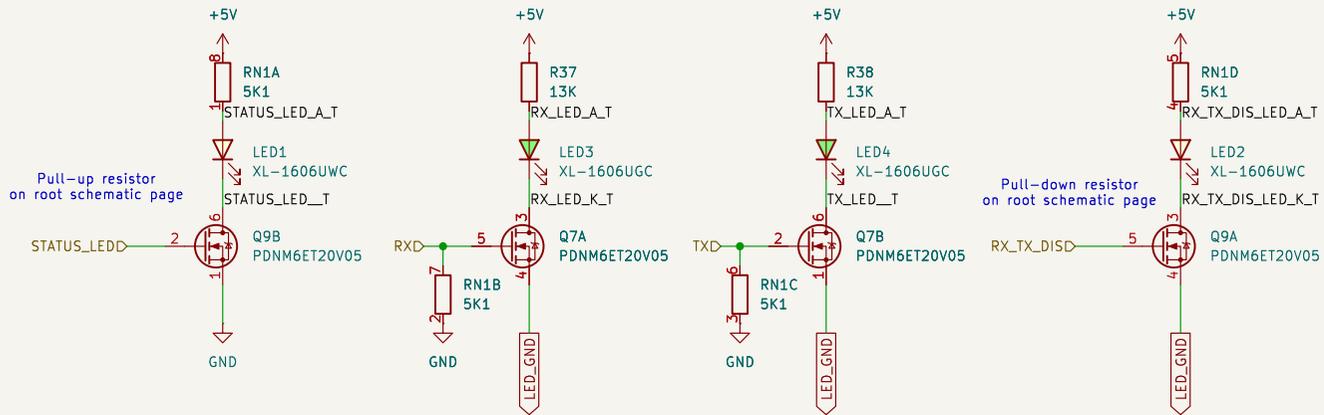
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KiCad E.D.A. 9.0.0

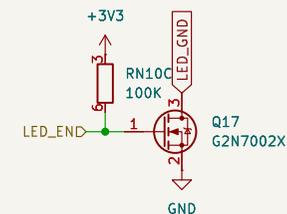
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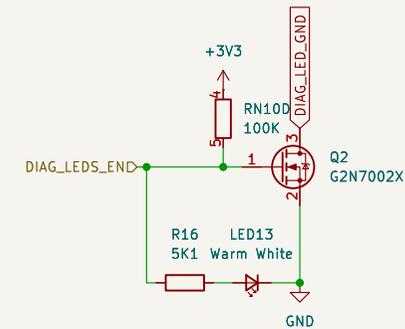
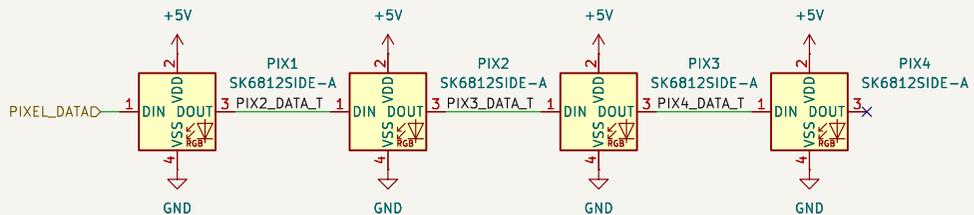
Indicator LEDs



LED brightness and toggle



Onboard Neopixels



Sheet: /Indicator LEDs/
File: led.kicad_sch

Title:

Size: A4
KiCad E.D.A. 9.0.0

Date:

Rev:

Id: 5/5