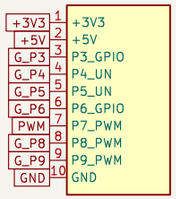
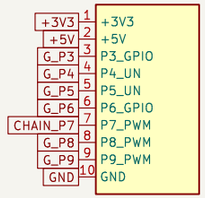
CONNECTORS

J1



P IN

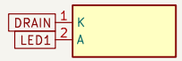
J2



P CHAIN

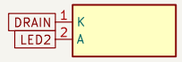
SENSORS AND TRANSDUCERS

D1



TSAL6200

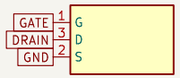
D2



TSAL6200

SWITCHES AND DRIVERS

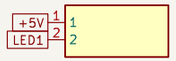
Q1



AO3400A

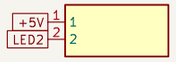
PASSIVES AND INDICATORS

R1



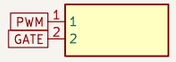
47R 1W

R2



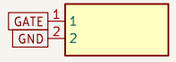
47R 1W

R3



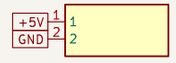
100R

R4



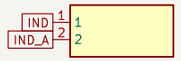
100k

C1



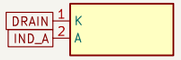
10uF 10V X5R

R5



2k2

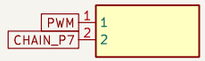
D3



RED

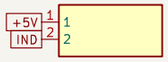
SOLDER LINKS

JP7



CHAIN P7 OPEN

JP20



TX LED

TEST PADS

TP1



+5V

TP2



GND

TP3



DRAIN

Gate high = LEDs on.

Open hardware
License: CERN-OHL-S-2.0

Smoothieware extension boards

Sheet: /
File: infrared-remote-emitter.kicad_sch

Title: IR Remote Emitter

Size: User	Date: 2026-11-26	**Rev: v01**
KiCad E.D.A. 9.0.8		Id: 1/1