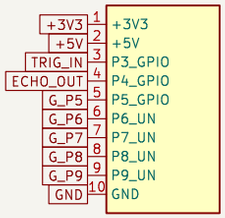
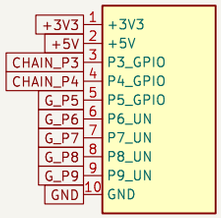
CONNECTORS

J1



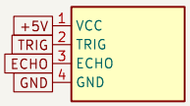
X IN

J2



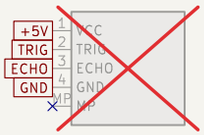
X CHAIN

J3



HC-SR04 MODULE

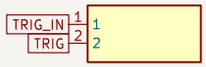
J4



ALT JST PH 4

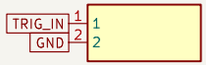
PASSIVES AND INDICATORS

R1



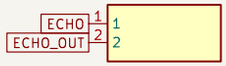
220R

R2



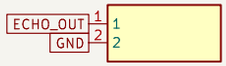
100k

R3



10k 1%

R4



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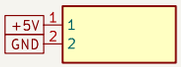
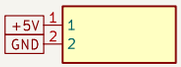
C1



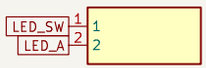
100nF 16V X7R

C2



10uF 10V X5R

R5



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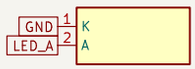
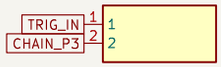
D1



GREEN 5V ON

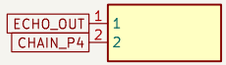
SOLDER LINKS

JP3



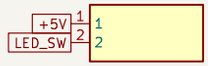
CHAIN P3 OPEN

JP4



CHAIN P4 OPEN

JP9



LED ENABLE

TEST PADS

TP1



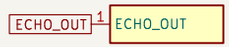
TP2



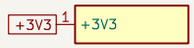
TP3



TP4



TP5



Links JP3 and JP4 ship open. J4 is an alternative to J3: fit only one.

Open hardware
License: CERN-OHL-S-2.0

Smoothieware extension boards

Sheet: /
File: ultrasonic-distance-sensor.kicad_sch

Title: Ultrasonic Distance Sensor

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