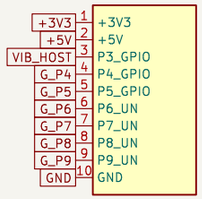
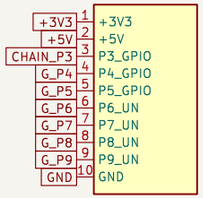
CONNECTORS

J1



X IN

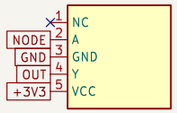
J2



X CHAIN

INTEGRATED CIRCUITS AND MODULES

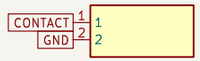
U1



SN74LVC1G14DBVR

SENSORS AND TRANSDUCERS

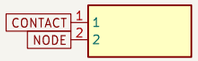
SW1



SW-18020P

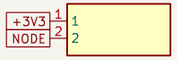
PASSIVES AND INDICATORS

R1



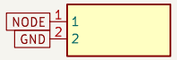
100R

R2



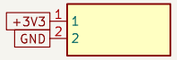
470k

C1



100nF 16V X7R

C2



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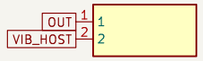
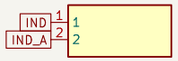
R3



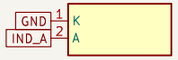
100R

R4



2k2

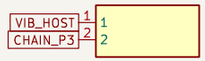
D1



GREEN

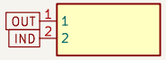
SOLDER LINKS

JP3



CHAIN P3 OPEN

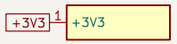
JP20



LED

TEST PADS

TP1



+3V3

TP2



GND

TP3



NODE

TP4



OUT

Output is high while vibration is detected.

Open hardware
License: CERN-OHL-S-2.0

Smoothieware extension boards

Sheet: /
File: vibration-sensor-board.kicad_sch

Title: Vibration Sensor

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