CONNECTORS

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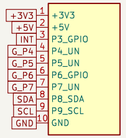

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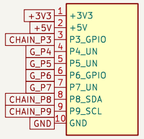
J2



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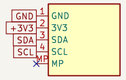
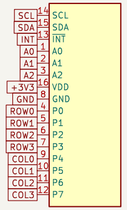
J3



QWIIC 3V3

INTEGRATED CIRCUITS AND MODULES SENSORS AND TRANSDUCERS

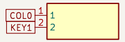
U1



PCF8574DWR

PASSIVES AND INDICATORS

SW1



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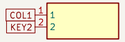

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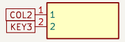

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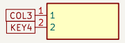

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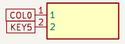

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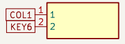

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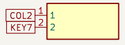

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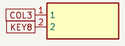

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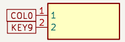

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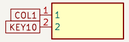
SW10



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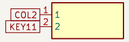

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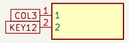

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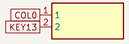

KEY *

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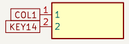

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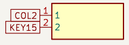

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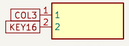
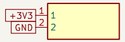


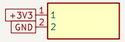
KEY D

C1



100nF 16V X7R

C2



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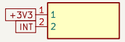

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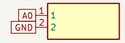

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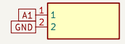

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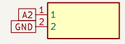

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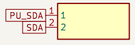

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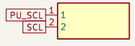

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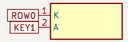

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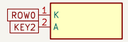

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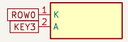

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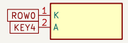

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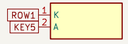

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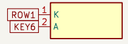

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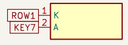

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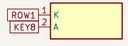

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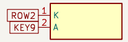

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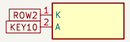

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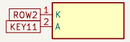

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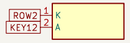

1N4148W

D13

1N4148W

D14

1N4148W

D15

1N4148W

D16

1N4148W

SOLDER LINKS

JP3

CHAIN P3 OPEN

JP8

CHAIN P8 BRIDGED

JP9

CHAIN P9 BRIDGED

JP10

ADDRESS A0

JP11

ADDRESS A1

JP12

ADDRESS A2

JP1

PULLUP SDA

JP2

PULLUP SCL

TEST PADS

TP1

+3V3

TP2

GND

TP3

SDA

TP4

SCL

TP5

INT

Address 0x20 plus jumpers. Write 1 to P4..P7 so they act as inputs.

Open hardware
License: CERN-OHL-S-2.0
Smoothieware extension boards

Sheet: /
File: sixteen-key-keypad.kicad_sch

Title: 16-Key Keypad

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