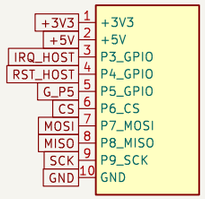
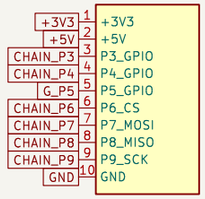
CONNECTORS

J1



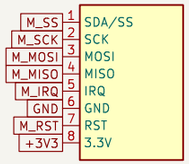
S IN

J2



S CHAIN

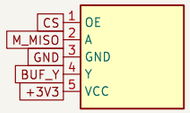
J3



RC522 MODULE

INTEGRATED CIRCUITS AND MODULES

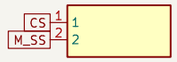
U1



SN74LVC1G125DBVR

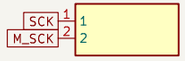
PASSIVES AND INDICATORS

R1



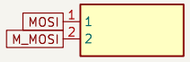
100R

R2



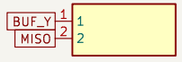
100R

R3



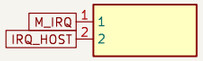
100R

R4



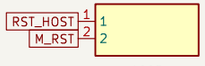
100R

R5



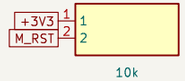
100R

R6



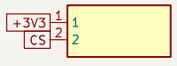
100R

R7



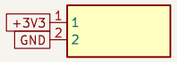
10k

R8



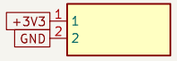
10k

C1



100nF 16V X7R

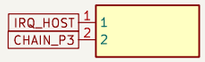
C2



10uF 10V X5R

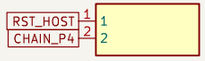
SOLDER LINKS

JP3



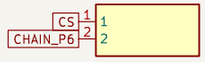
CHAIN P3 OPEN

JP4



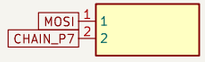
CHAIN P4 OPEN

JP6



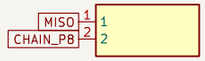
CHAIN P6 OPEN

JP7



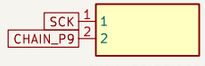
CHAIN P7 BRIDGED

JP8



CHAIN P8 BRIDGED

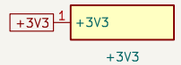
JP9



CHAIN P9 BRIDGED

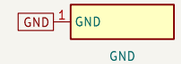
TEST PADS

TP1



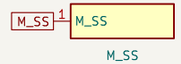
+3V3

TP2



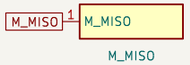
GND

TP3



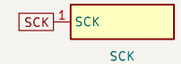
M_SS

TP4



M_MISO

TP5



SCK

U1 drives MISO only while CS is low.

Open hardware
License: CERN-OHL-S-2.0

Smoothieware extension boards

Sheet: /
File: rfid-reader.kicad_sch

Title: RFID Reader

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