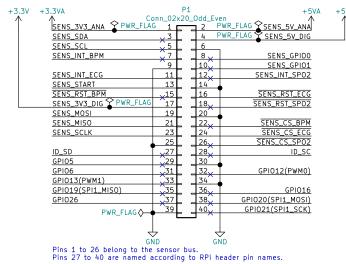
## Interconnect

ATTENTION: max. 30mA for both 3.3V rails together allowed on RPI. ATTENTION: max. 300mA for both 5V rails together allowed on RPI.



Sheet: ECG Sensor

J1 Conn\_02x04\_Odd\_Even

 $\Box$ 

R3 n.p.

GND

GNDPWR

3∨3□

DOUTE

SCLK <

DIN•

PWDN/RESET

File: ecg\_ads1292\_sensor.sch

START

DRDYD

SENS\_MISO

SENS\_SCLK

SENS\_MOSI

SENS\_CS\_ECG +5VA

SENS\_RST\_ECG

SENS\_START

SENS\_INT\_ECG

☐ TP15

ID\_SD and ID\_SC PINS: These pins are reserved for HAT ID EEPROM.

At boot time this I2C interface will be interrogated to look for an EEPROM that identifes the attached board and allows automagic setup of the GPIOs (and optionally, Linux drivers).

DO NOT USE these pins Moonahydhing eather than attaching an I2C ID EEPROM. Leave unconnected if ID EEPROM not required.

## Mounting

MK2 M2.5 MK4 M2.5

Cadus e.V. Sheet: / File: ecg\_ads1292\_main.sch Title: lifesensor ecg ads1292 main Size: A3 Date: 2020-04-27 KiCad E.D.A. kicad (5.1.5-0)

