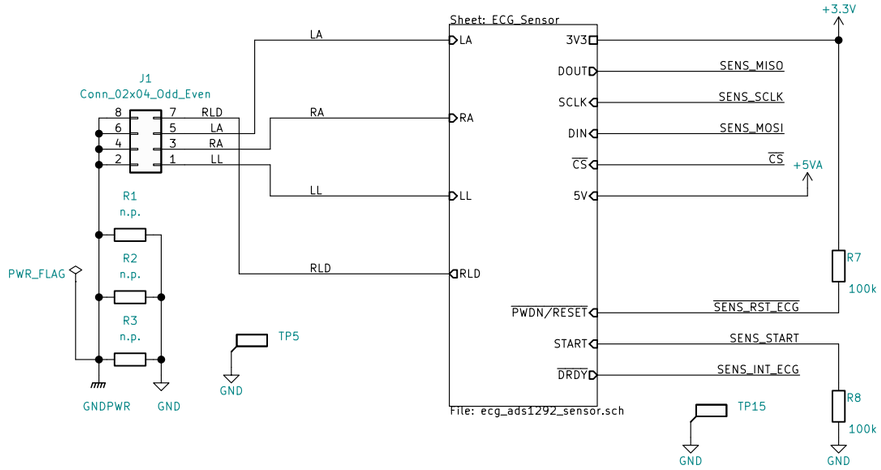
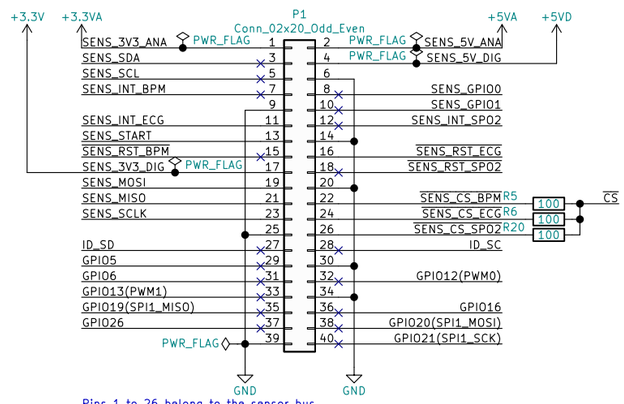
Interconnect



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



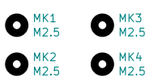
Pins 1 to 26 belong to the sensor bus.
Pins 27 to 40 are named according to RPi header pin names.

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 for anything other
than attaching an I2C ID EEPROM. Leave
unconnected if ID EEPROM not required.

Mounting



Cadus e.V.

Sheet: /
File: ecg_ads1292_main.sch

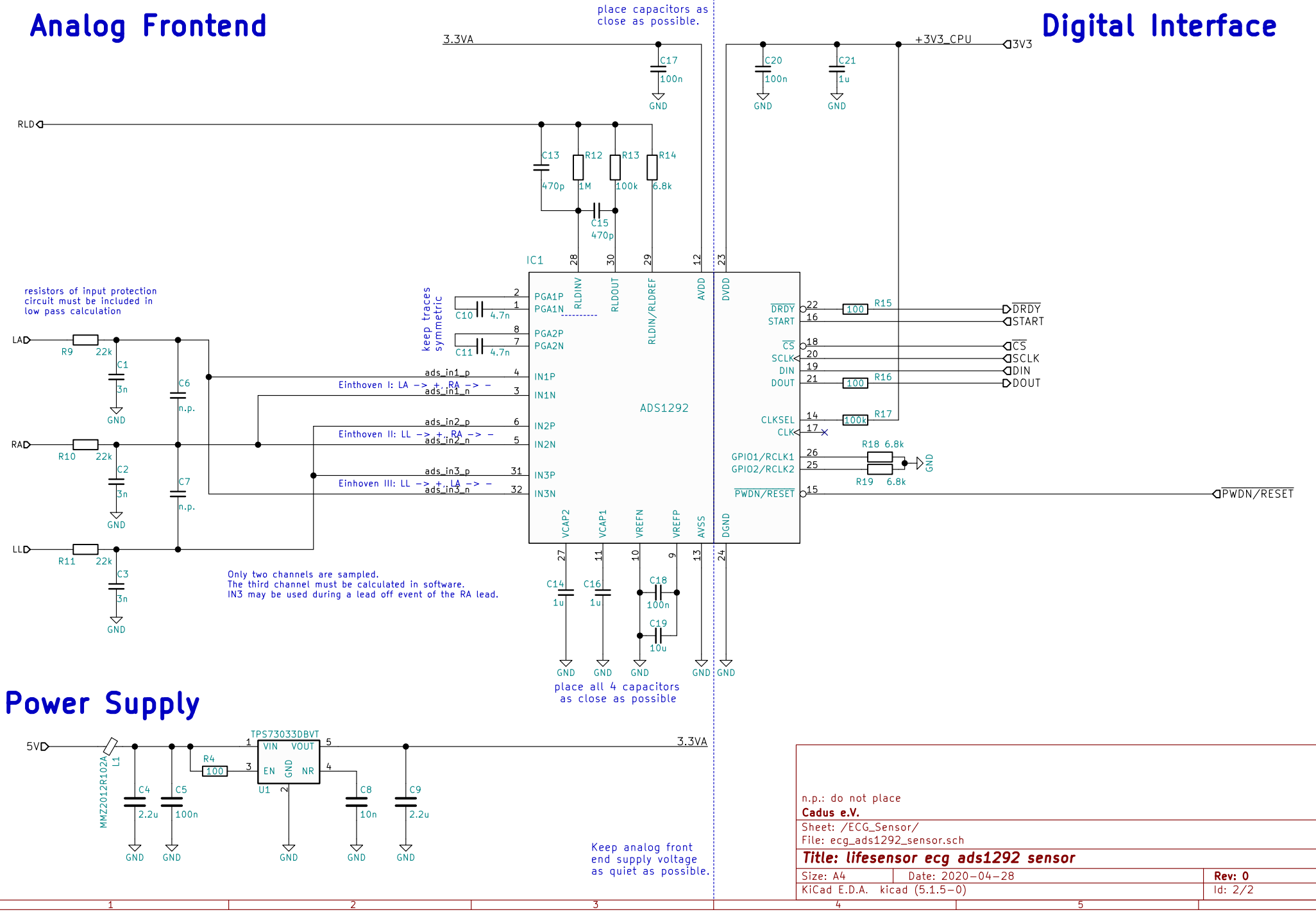
Title: lifesensor ecg ads1292 main

Size: A3	Date: 2020-04-28	**Rev: 1**
KiCad E.D.A. kicad (5.1.5-0)		Id: 1/2

Analog Frontend

Digital Interface

Power Supply



n.p.: do not place

Cadus e.V.

Sheet: /ECG_Sensor/

File: ecg_ads1292_sensor.sch

Title: lifesensor ecg ads1292 sensor

Size: A4	Date: 2020-04-28	**Rev: 0**
KiCad E.D.A. kicad (5.1.5-0)		Id: 2/2