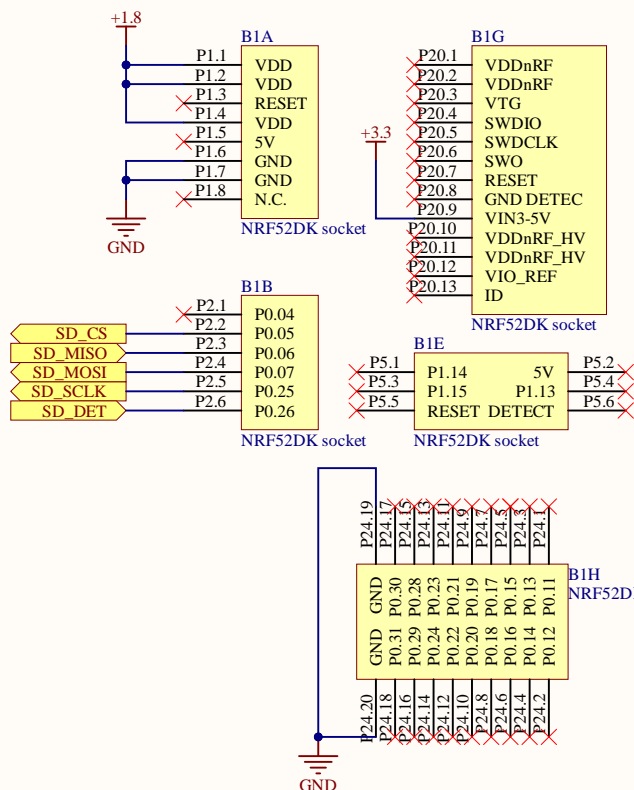
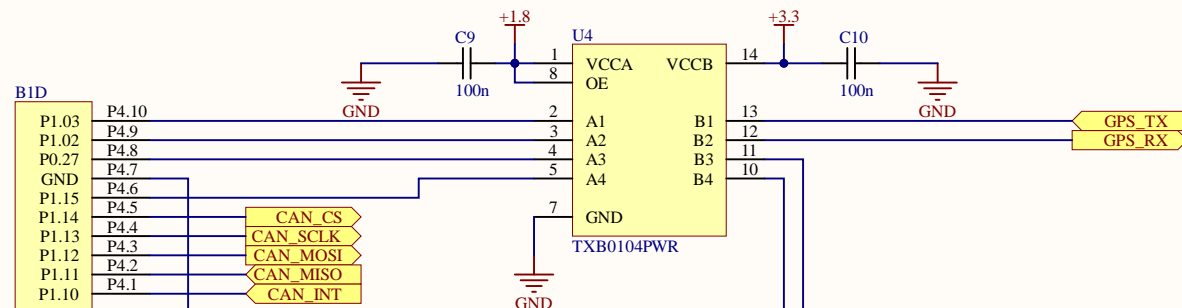


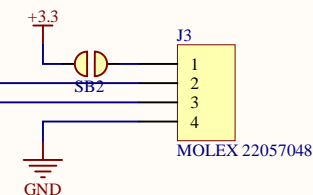
## Nordic Dev Kit socket



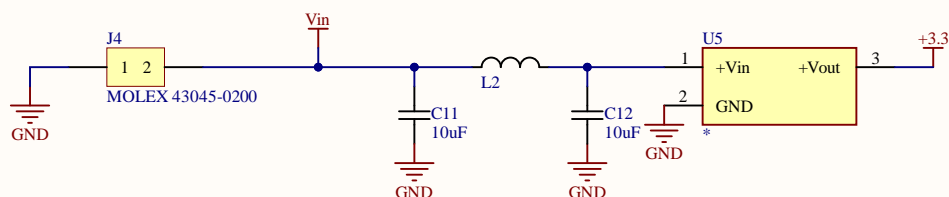
## Level Shifter



## UART Interface



## Power Supply



TelemetrySystemAltiumProject.PrjPcb

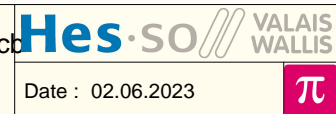
nRF7002-DK.SchDoc

Revision : 1.0

Sheet 1 of 3

Design by : Sylvestre van Kappel

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## Level Shifter

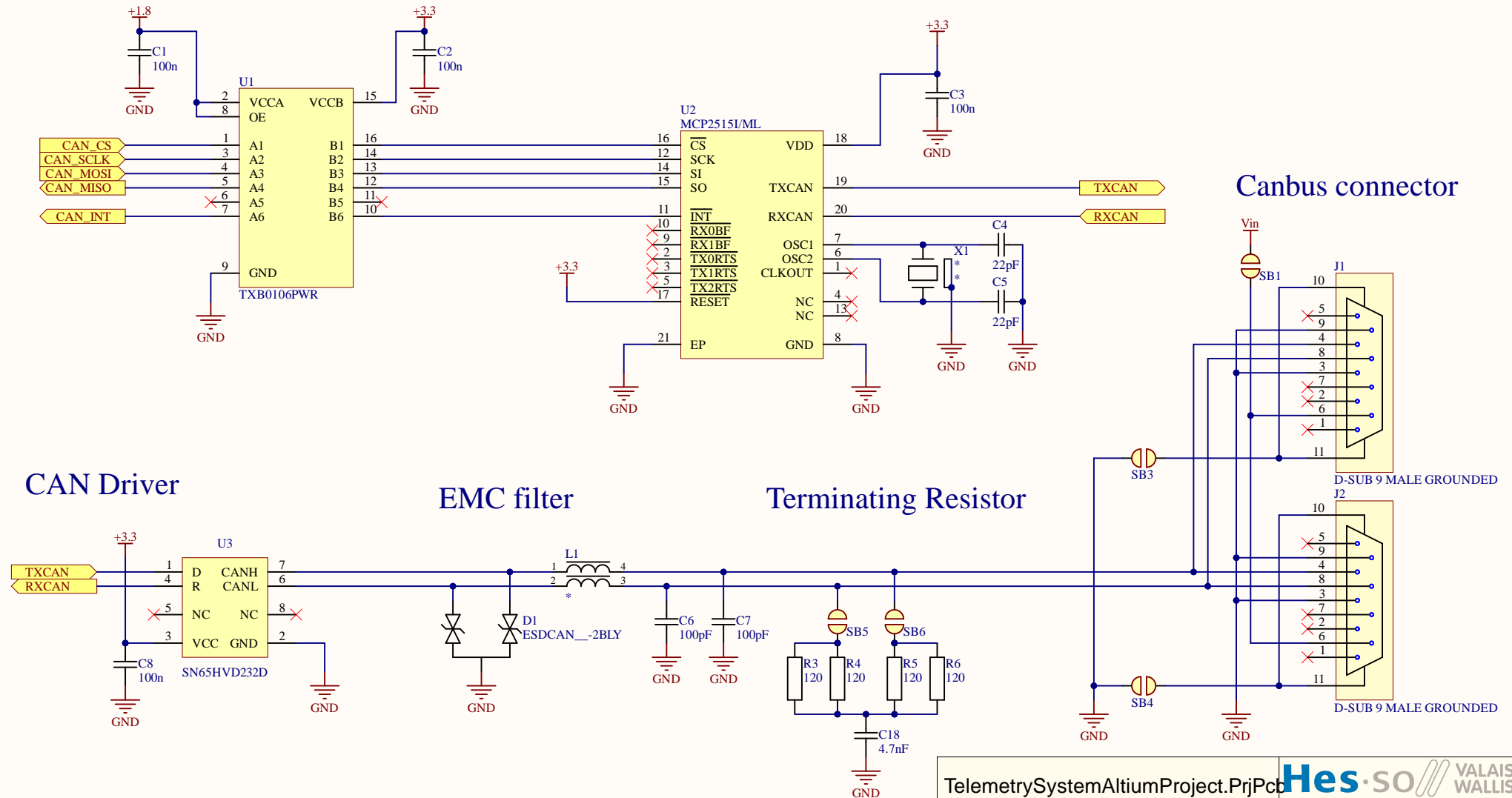
## CAN Controller

## Canbus connector

## CAN Driver

## EMC filter

## Terminating Resistor



TelemetrySystemAltiumProject.PrjPcb

CanController.SchDoc

Revision : 1.0

Sheet 2 of 3

Date : 02.06.2023

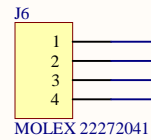
Design by : Sylvestre van Kappel

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## GPS

UART to nRF

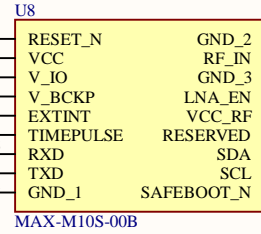
UART to ext (gps config)



+3.3-GPS

C13  
100n

GND



SB8

GND

C14  
47pF

J5

GND

L3  
27nH

C15  
10nF

GND

T1B

R1  
10

R2  
100k

Si1016X

T1A

Si1016X

GND

U6

VCC

1

4

GND

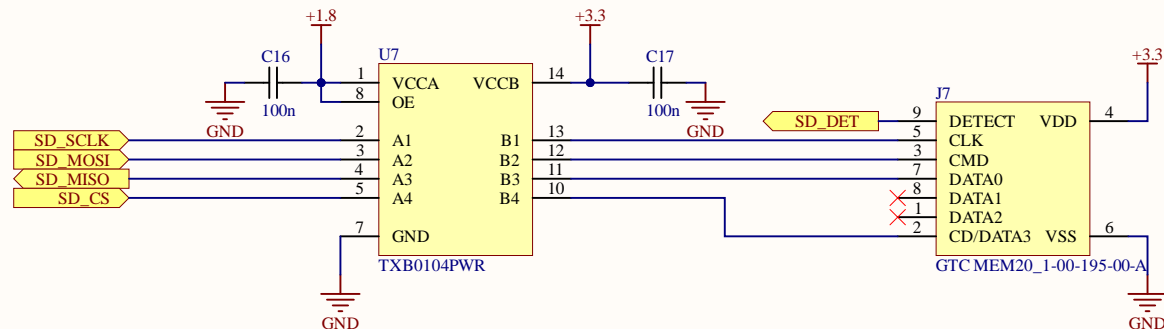
3

2

GND

SN74LVC2G17

## SD Card slot



TelemetrySystemAltiumProject.PrjPcb

Hes·so VALAIS WALLIS

GPS-SD.SchDoc

Date : 02.06.2023



Revision : 1.0

Sheet 3 of 3

Design by : Sylvestre van Kappel

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# Board Stack Report