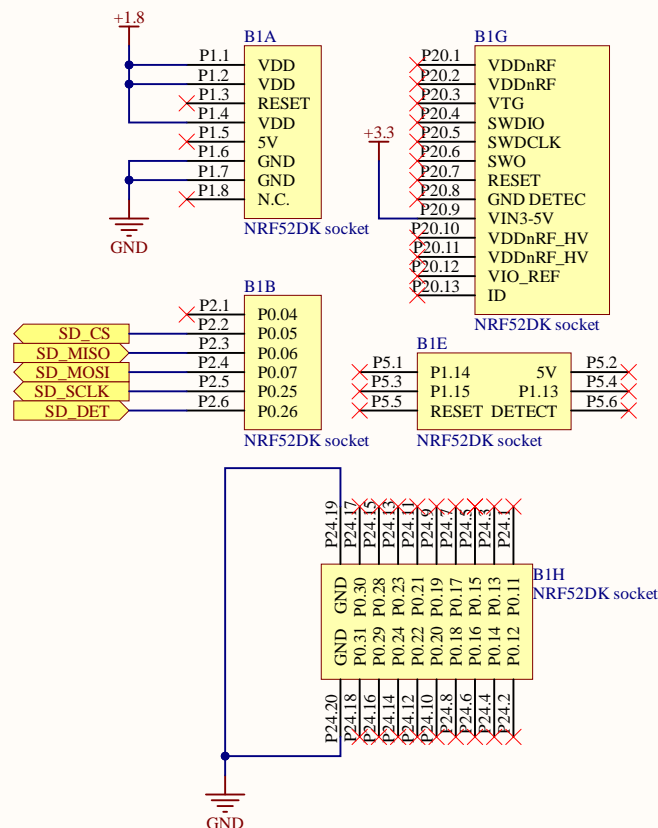
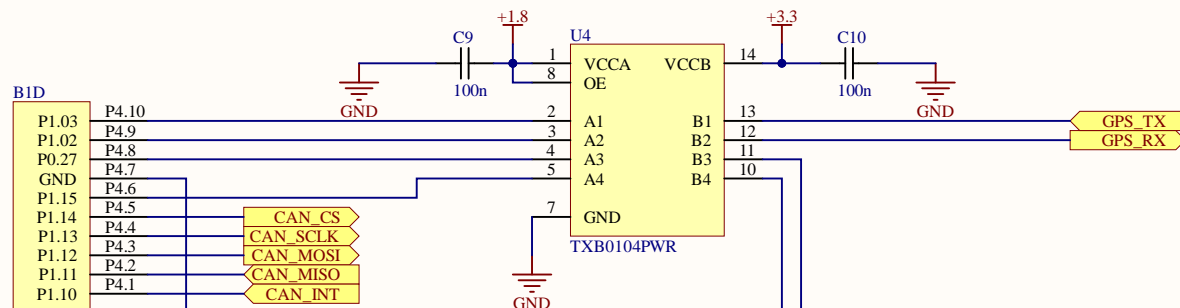


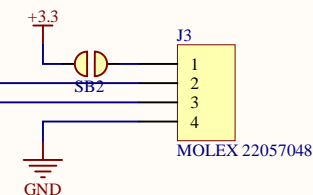
Nordic Dev Kit socket



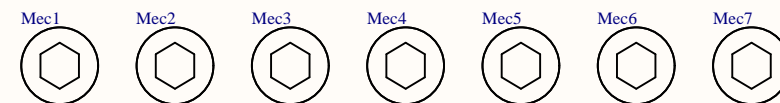
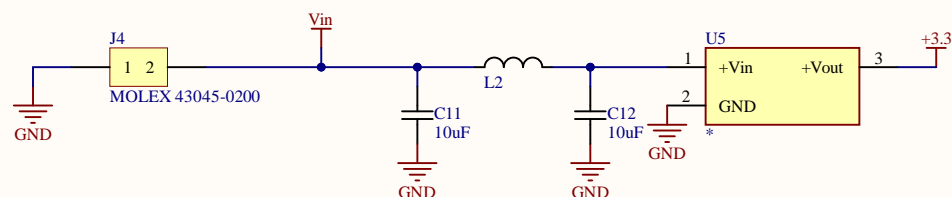
Level Shifter



UART Interface



Power Supply



TelemetrySystemAltiumProject.PrjPcb

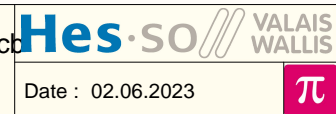
nRF7002-DK.SchDoc

Revision : 1.0

Sheet 1 of 3

Design by : Sylvestre van Kappel

C:\Users\sylvestr.vankappel\Documents\Telemetry-for-the-Formula-Student\Hardware\TelemetrySystemAltium



Date : 02.06.2023

Level Shifter

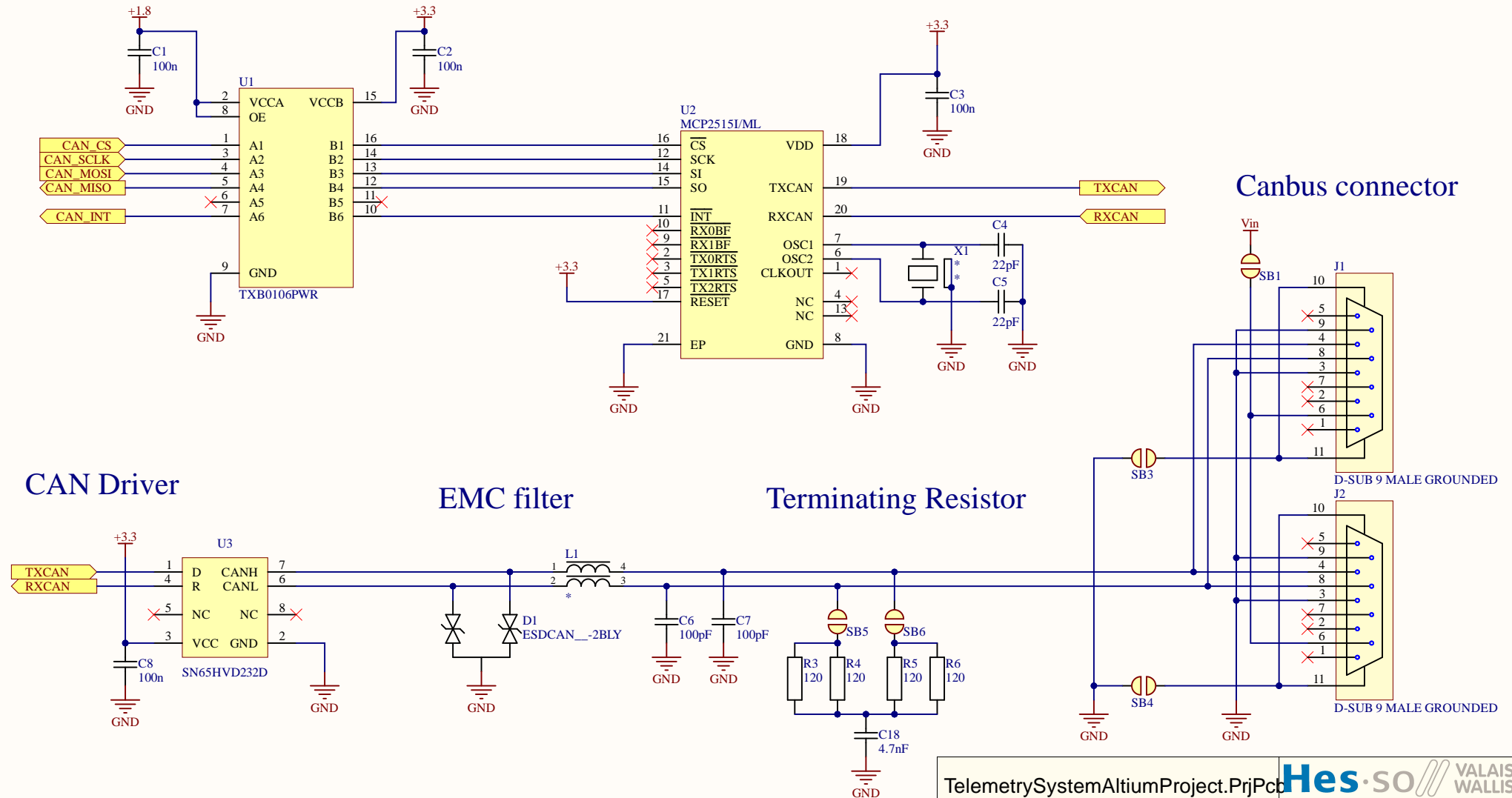
CAN Controller

Canbus connector

CAN Driver

EMC filter

Terminating Resistor



TelemetrySystemAltiumProject.PrjPcb

CanController.SchDoc

Revision : 1.0

Sheet 2 of 3

Date : 02.06.2023

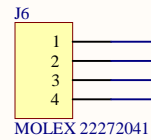
Design by : Sylvestre van Kappel

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GPS

UART to nRF

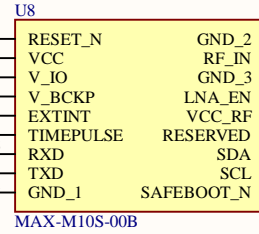
UART to ext (gps config)



+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

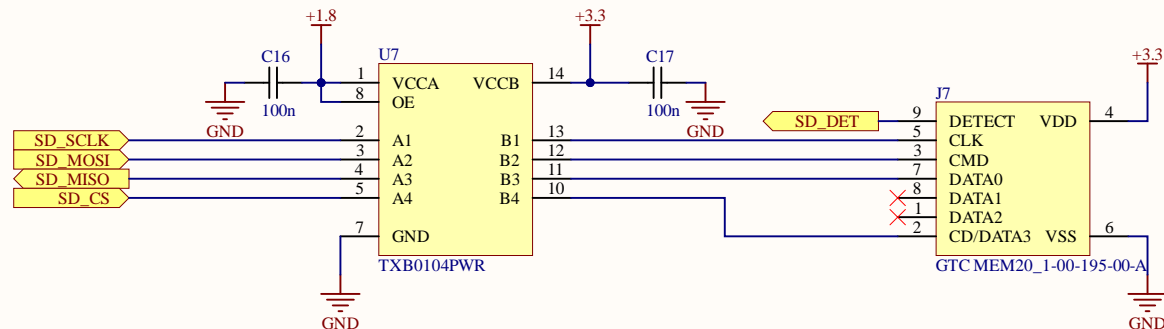
GND

2

GND

SN74LVC2G17

SD Card slot



TelemetrySystemAltiumProject.PrjPcb

GPS-SD.SchDoc

Revision : 1.0

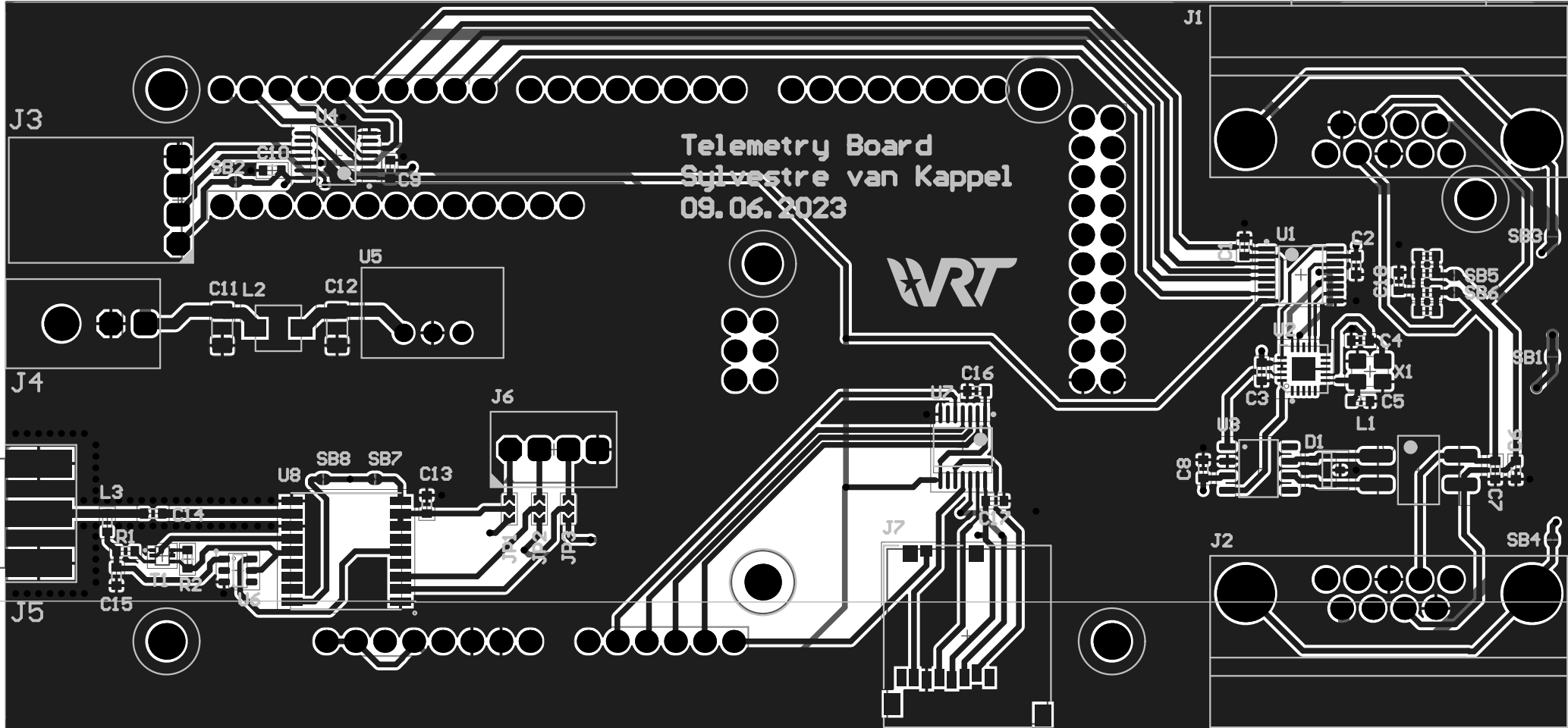
Sheet 3 of 3

Date : 02.06.2023

Design by : Sylvestre van Kappel



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Board Stack Report