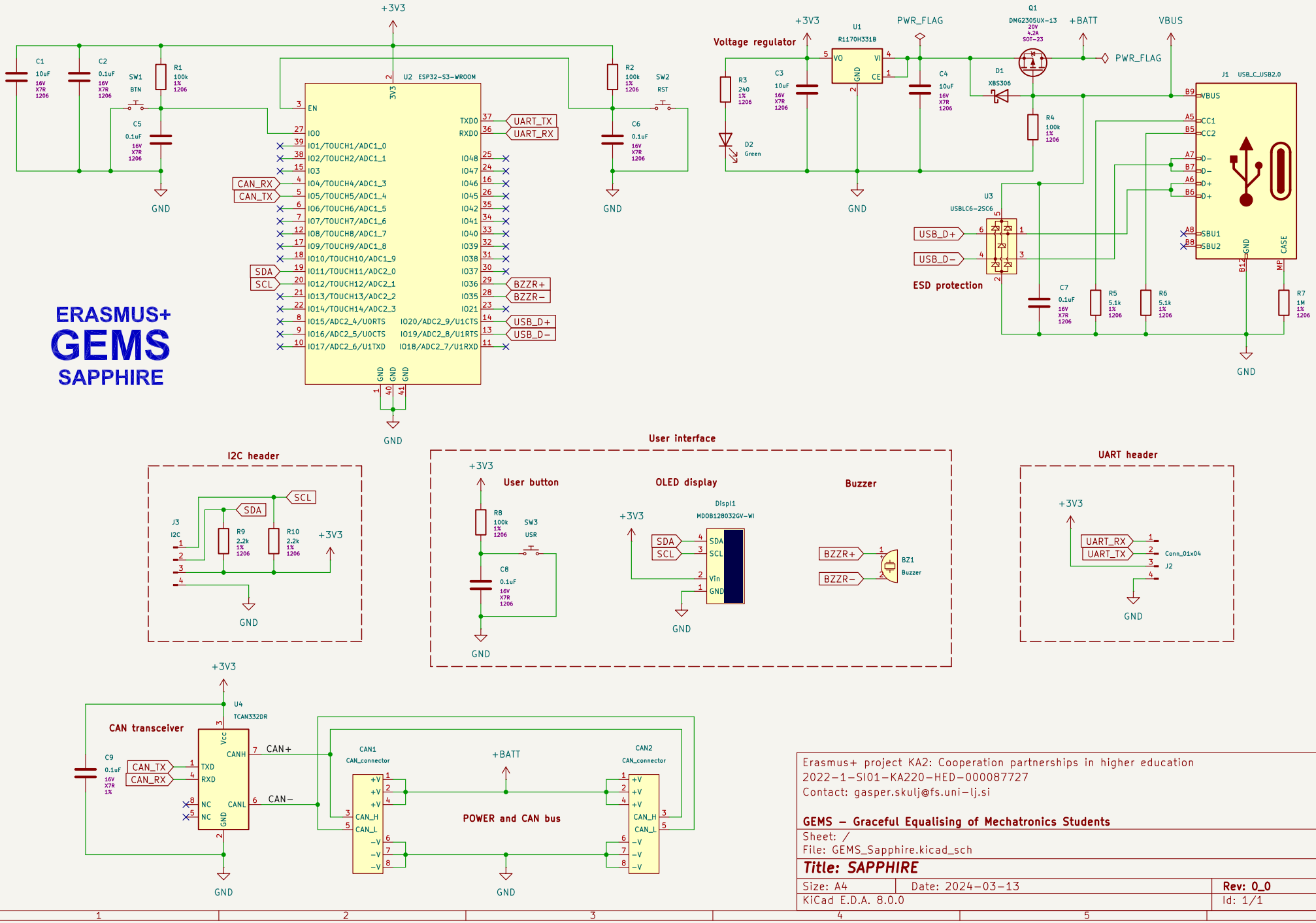
ERASMUS+
GEMS
SAPPHIRE
U2 ESP32-S3-WROOM
Voltage regulator
U1
R1170H331B
Q1
DMG2305UX-13
D1
XBS306
J1 USB_C_USB2.0
U3
USBLC6-2SC6
ESD protection
I2C header
User interface
User button
OLED display
Buzzer
UART header
U4
TCAN332DR
CAN transceiver
CAN1
CAN_connector
CAN2
CAN_connector
POWER and CAN bus
Erasmus+ project KA2: Cooperation partnerships in higher education
2022-1-SI01-KA220-HED-000087727
Contact: gasper.skulj@fs.uni-lj.si
GEMS – Graceful Equalising of Mechatronics Students
Sheet: /
File: GEMS_Sapphire.kicad_sch
Title: SAPPHIRE
Size: A4
Date: 2024-03-13
Rev: 0_0
KiCad E.D.A. 8.0.0
Id: 1/1