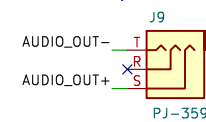


3.5mm audio jack



T=Tip R=Ring S=Sleeve
Disconnect R so that it
works with mono plugs

Alternative Parts: C2939194, C319114

Audio Amplifier with Volume Control via I2C

Maximilian Betz

Sheet: /audio/

File: audio.kicad_sch

Title: Larus Frontend

Size: A4

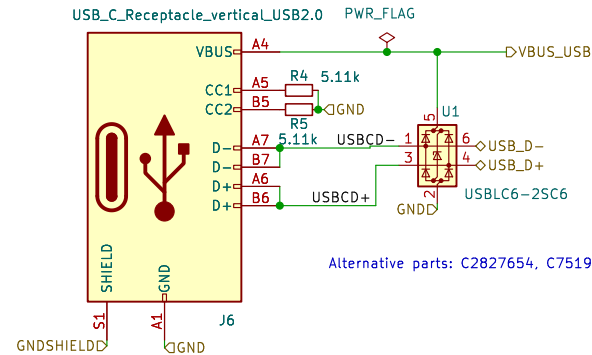
Date: 2024-11-17

Rev: 1.1.0

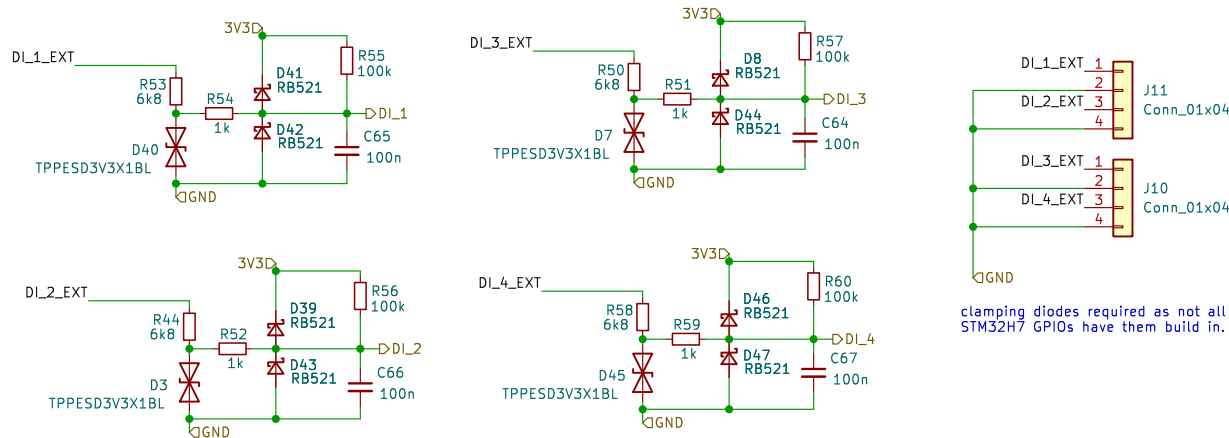
KiCad E.D.A. 8.0.6

Id: 3/6

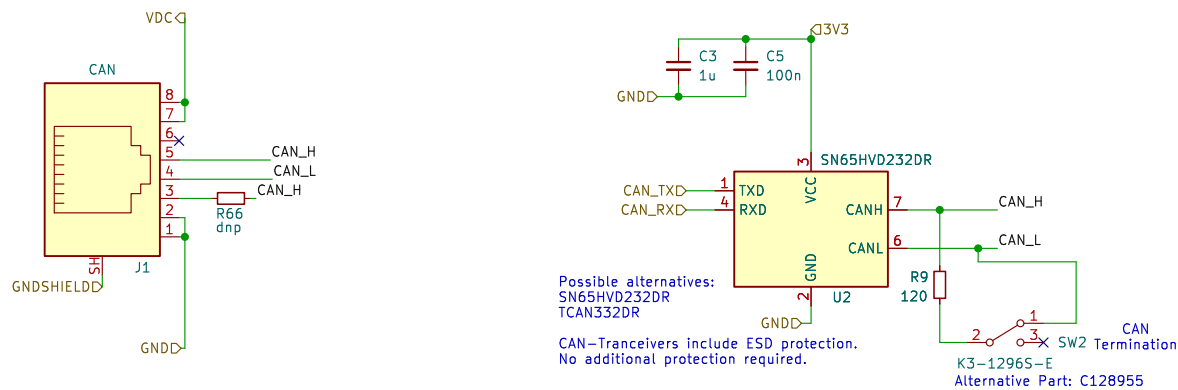
USB-C connector



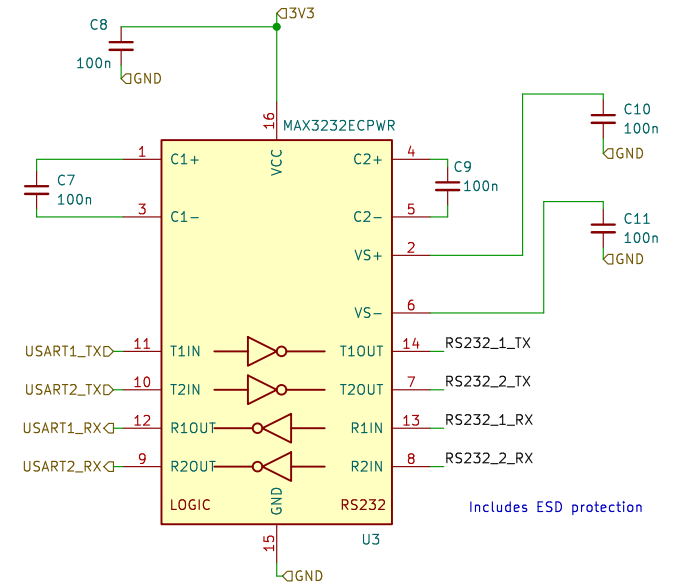
Digital inputs



CAN components

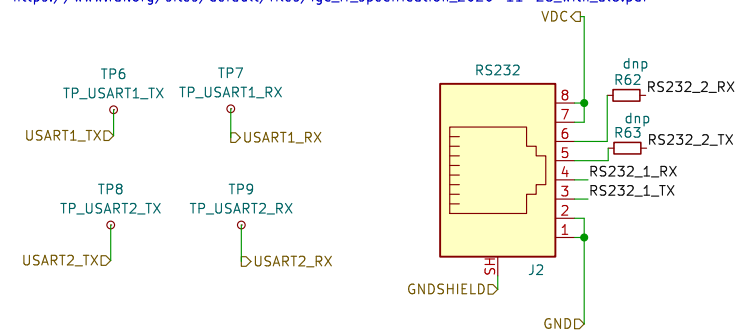


RS232 components



IGC compatible with swapped RX/TX pins for a direct patchable connection.

https://www.fai.org/sites/default/files/igc_fr_specification_2020-11-25_with_al6.pdf



Alternative RJ45 Parts:
X05ADGWA3DY1027(C2916454),
MT5224GWA3D1Y1027(C2843198)

Might also fit: C386763

Input and output transceiver, converters and protection

Maximilian Betz

Sheet: /interfaces/

File: interfaces.kicad_sch

Title: Larus Frontend

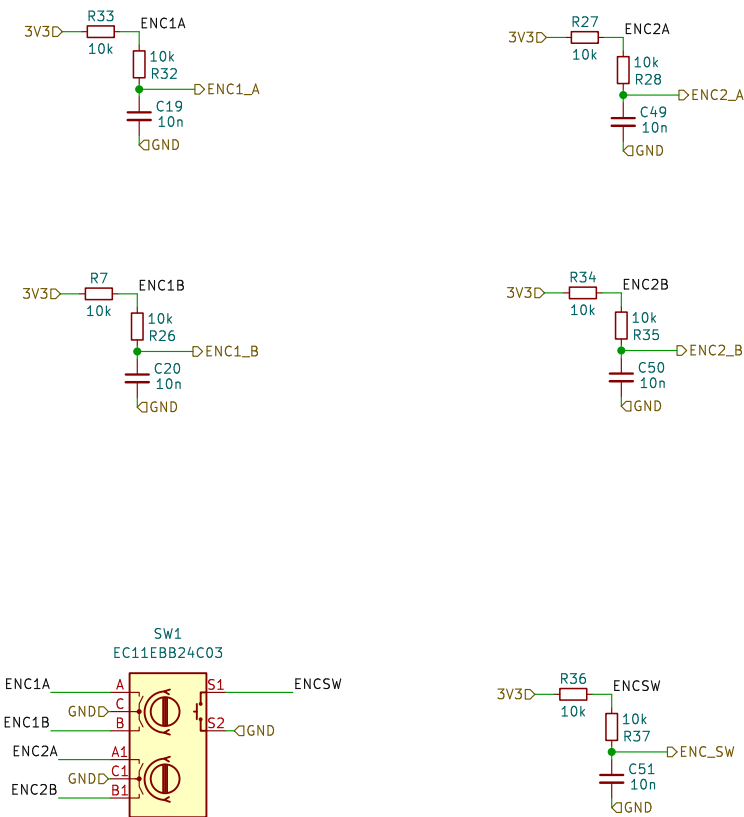
Size: A4 Date: 2024-11-17

KiCad E.D.A. 8.0.6

Rev: 1.1.0

Id: 4/6

HMI Dual Encoder with Push Switch



Encoder and Button User Interfaces

Maximilian Betz

Sheet: /user_interface/
File: user_interface.kicad_sch

Title: Larus Frontend

Size: A4 Date: 2024-11-17

KiCad E.D.A. 8.0.6

Rev: 1.1.0

Id: 5/6

