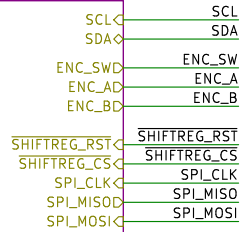
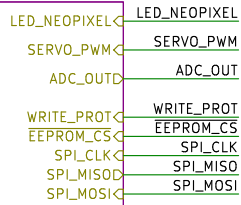


HMI



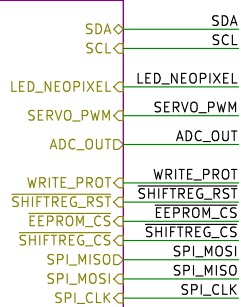
File: HMI.kicad_sch

Sensors & actuators



File: Sensors_and_actuators.kicad_sch

Debug



File: Debug.kicad_sch

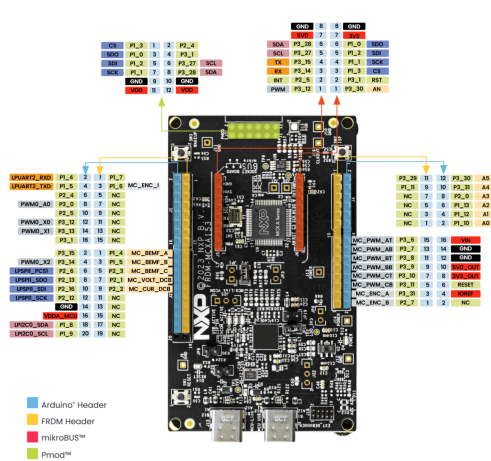
Changes V2.0:

- Changed pinout.
- Changed SN74LV164ADR (shftreg) for two 74HC595's.

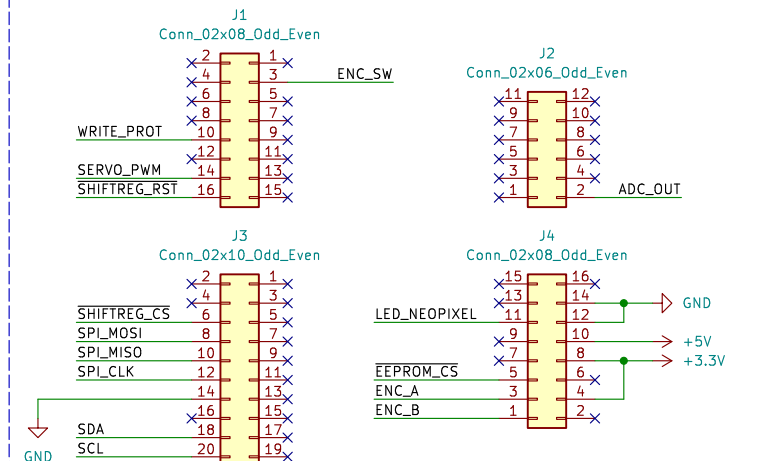
- Removed extra I2C debug header.
- Removed FXLS8974CF.
- Removed buttons.
- Removed GPS/BT header.
- Removed RGB-led.
- Removed Potentiometer.

- Added debug pins.
- Added test hooks.
- Added ESD protection diodes.

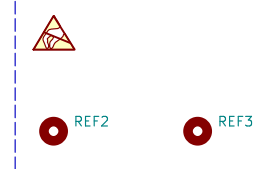
Quick Start Guide FRDM-MCXA153



Hat pinout



Symbols



Authors: Thomas Ijseldijk, Hugo Arends & Emiel Visser
HAN

Sheet: /
File: FRDM-MCXX-Shield.kicad_sch

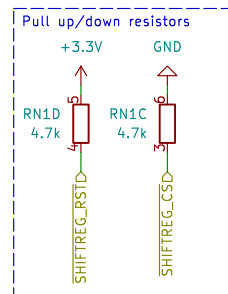
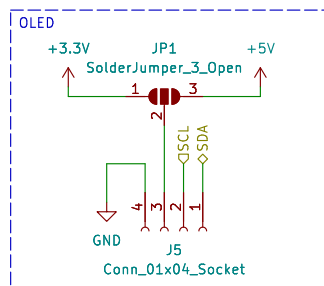
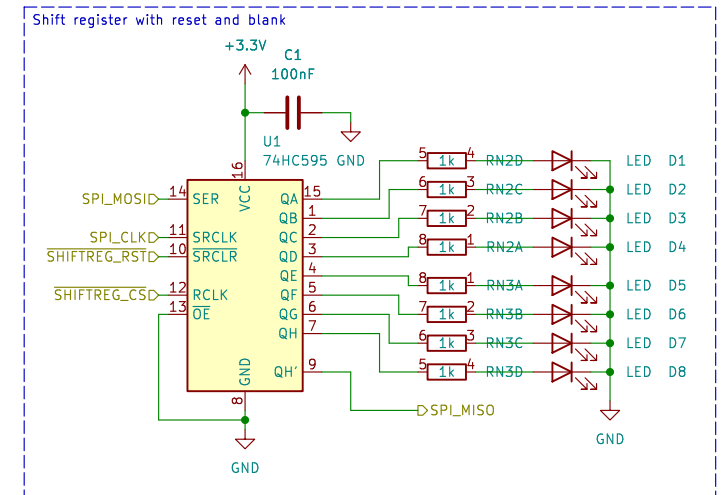
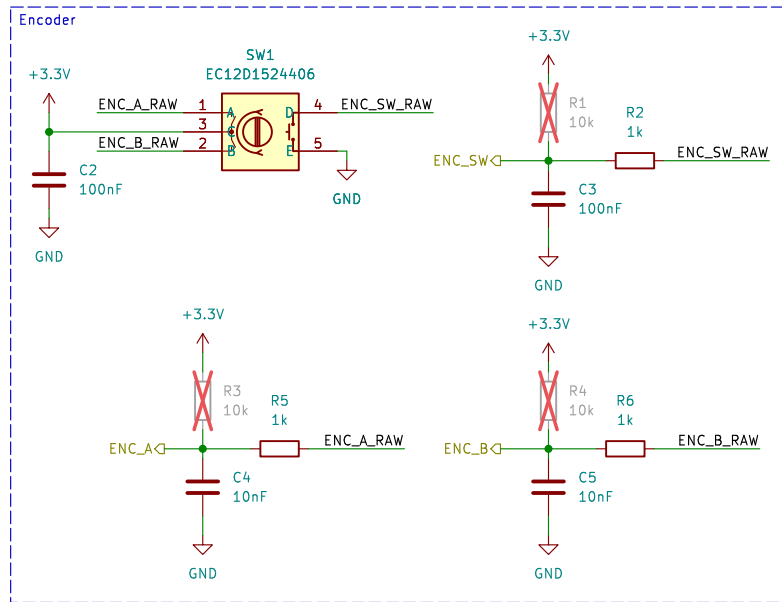
Title: Main

Size: A4
KiCad E.D.A. 8.0.1

Date: 2024-04-28

Rev: V2.0

Id: 1/4



Authors: Thomas Ijseldijk, Hugo Arends & Emiel Visser
HAN

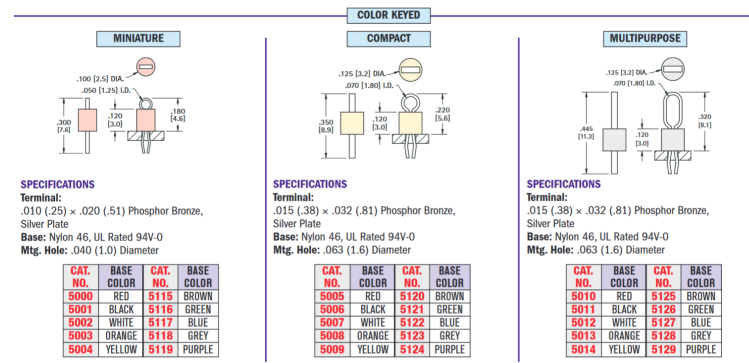
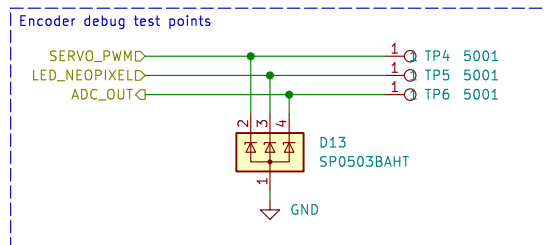
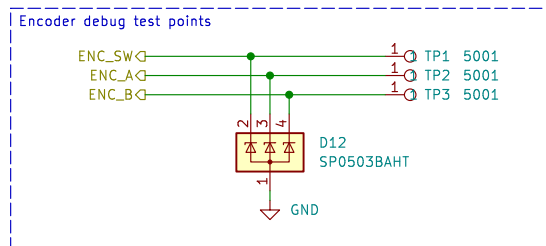
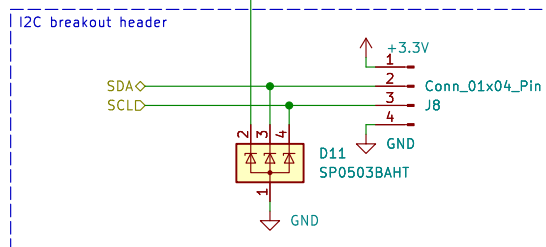
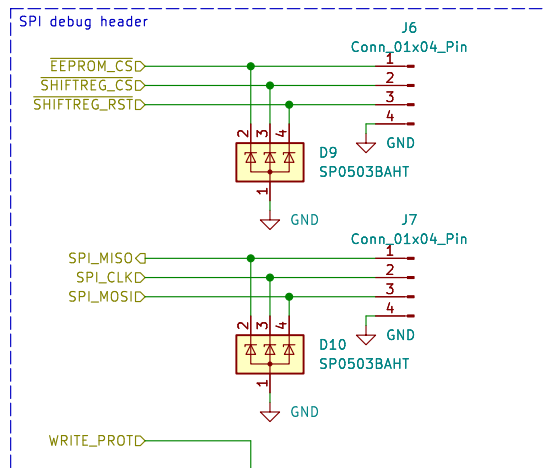
Sheet: /HMI/
File: HMI.kicad_sch

Title: HMI

Size: A4
KiCad E.D.A. 8.0.1

Date: 2024-04-27

Rev: V2.0
Id: 2/4



Authors: Thomas Ijseldijk, Hugo Arends & Emiel Visser
HAN

Sheet: /Debug/
File: Debug.kicad_sch

Title: Debug

Size: A4	Date: 2024-04-27
----------	------------------

SIZE: A1
KiCad E.D.A. 8.0.1

Rev: V2.0

Id: 3/4

