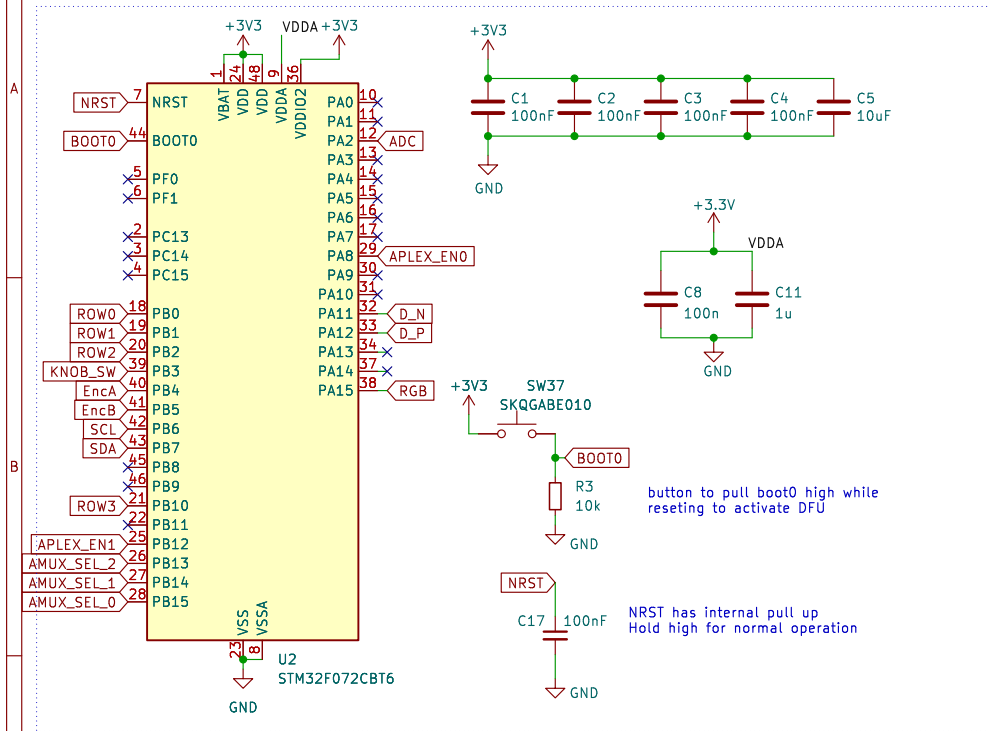
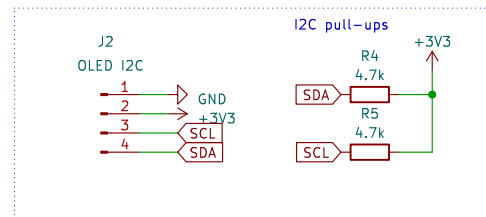


MCU



OLED display



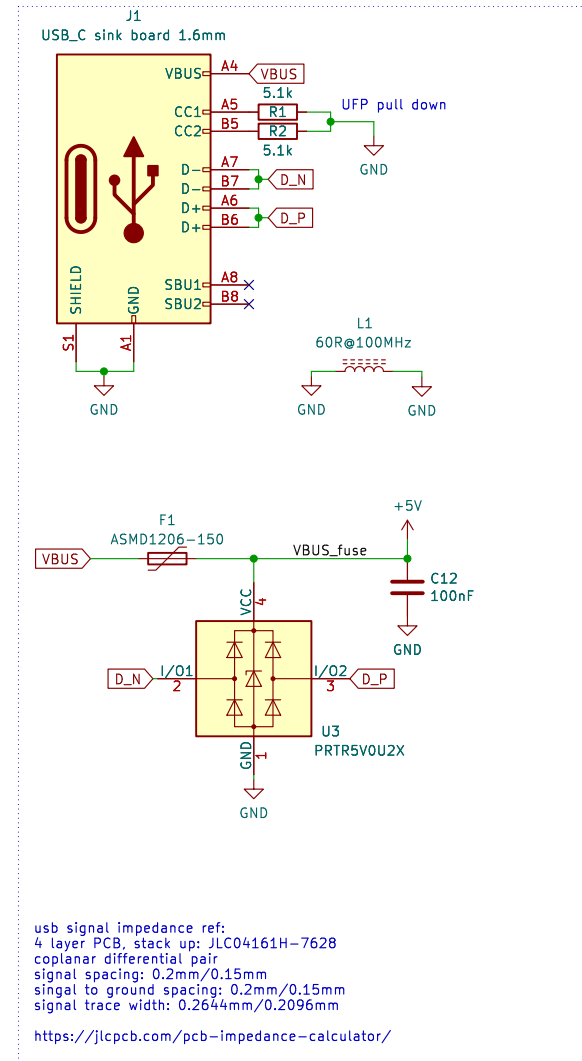
key matrix



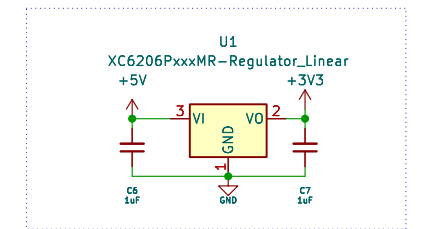
rgb



USB-C and ESD



3.3V LDO



H1	MountingHole	H9	MountingHole
H2	MountingHole	H10	MountingHole
H3	MountingHole	H11	MountingHole
H4	MountingHole	H12	MountingHole
H5	MountingHole	H13	MountingHole
H6	MountingHole	H14	MountingHole
H7	MountingHole	H15	MountingHole
H8	MountingHole	H16	MountingHole
H17	MountingHole	H18	MountingHole
H19	MountingHole	H20	MountingHole
H21	MountingHole	H22	MountingHole
H23	MountingHole	H24	MountingHole

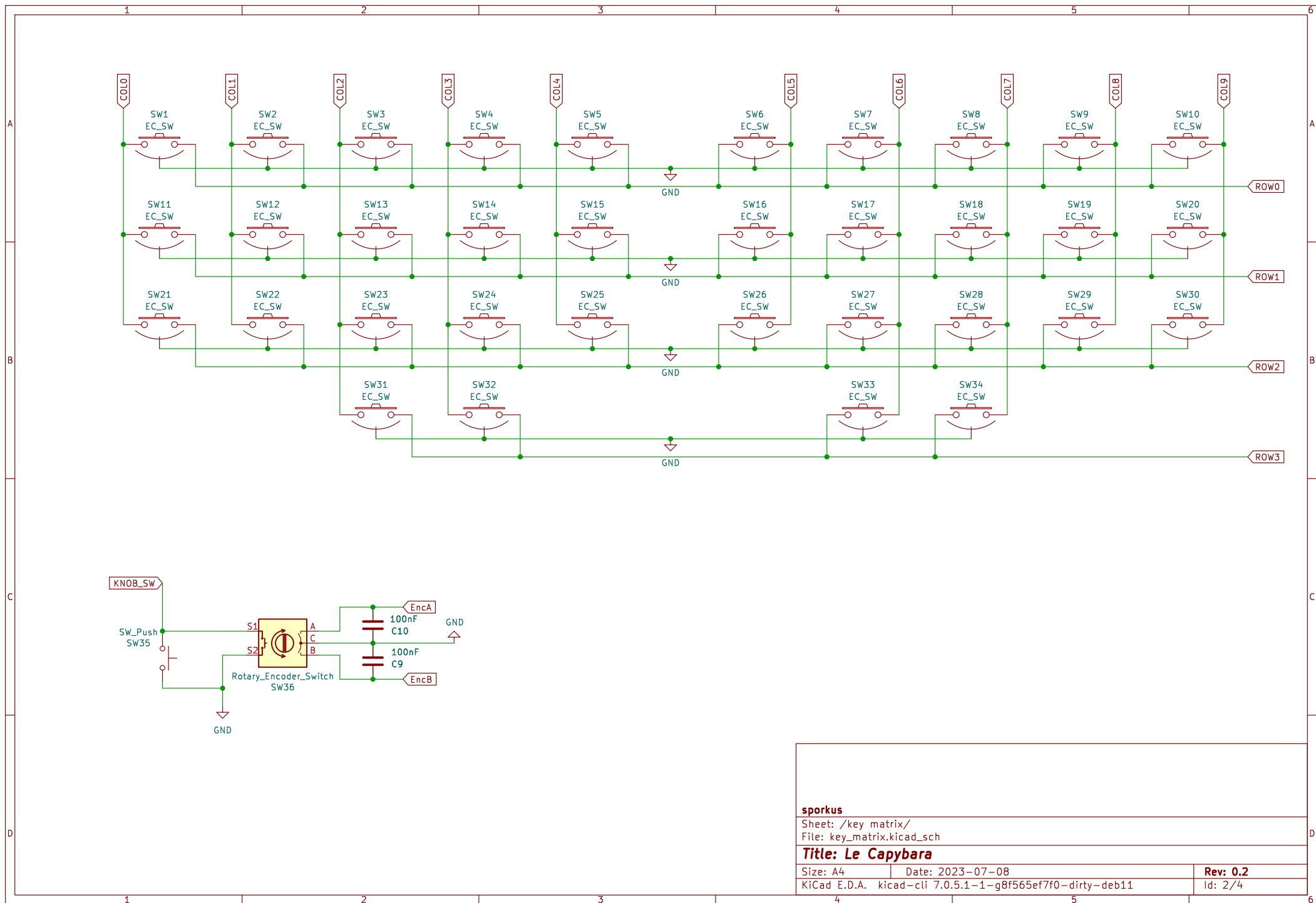
sporkus

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File: le_capybara.kicad_sch

Title: Le Capybara

Size: A4 Date: 2023-07-08
KiCad E.D.A. kicad-cli 7.0.5.1-1-g8f565ef7f0-dirty-deb11

Rev: 0.2
Id: 1/4



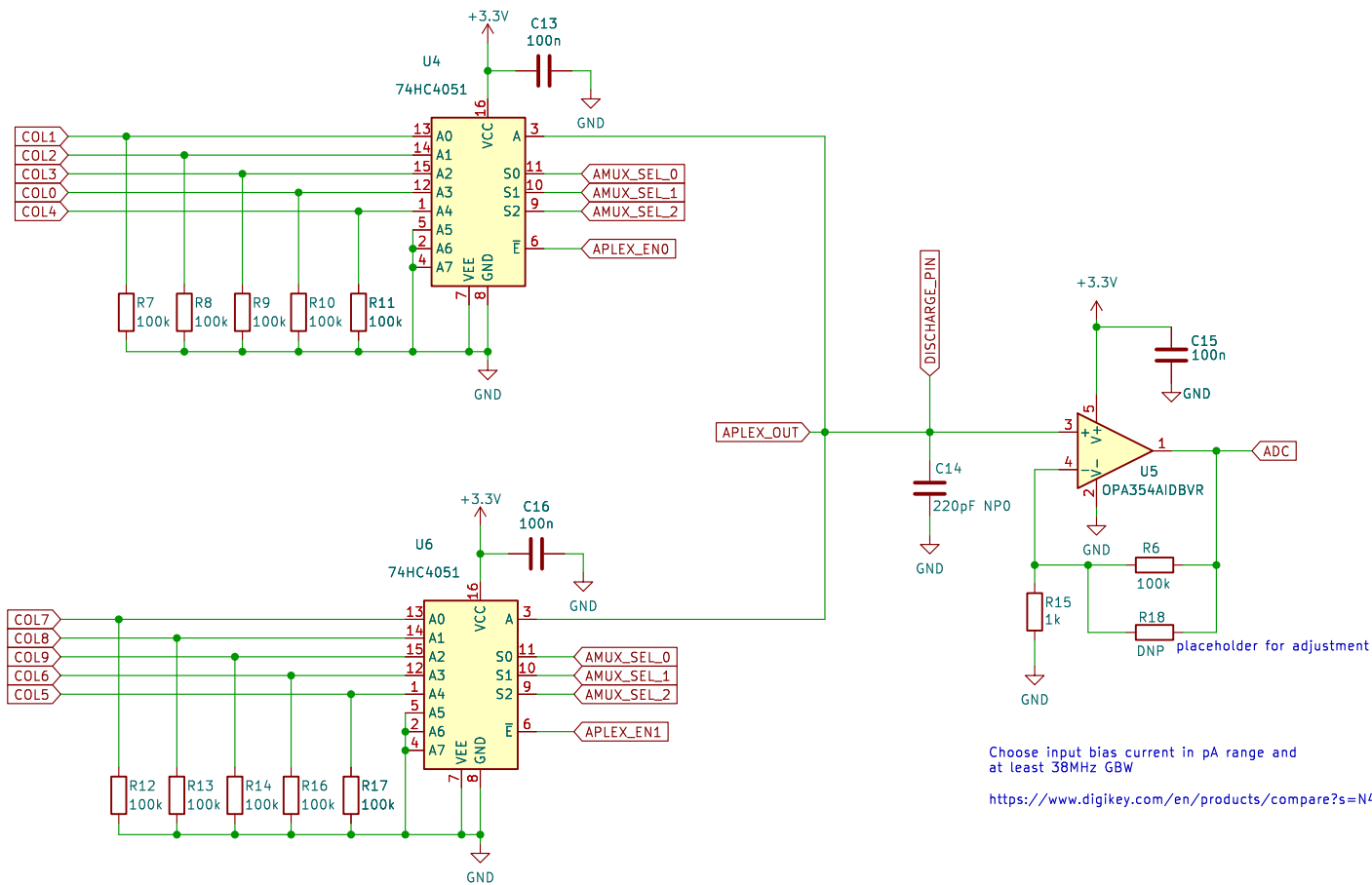
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Title: Le Capybara

Size: A4 Date: 2023-07-08
KiCad E.D.A. kicad-cli 7.0.5.1-1-g8f565ef7f0-dirty-deb11

Rev: 0.2
Id: 2/4



Choose input bias current in pA range and
at least 38MHz GBW

<https://www.digikey.com/en/products/compare?s=N4lgzCBcDa4AwEYBMBWA7CANCfu2KxAXVQBvYNTi1UUAOQgNlzFrXuyYYTtUOTck>

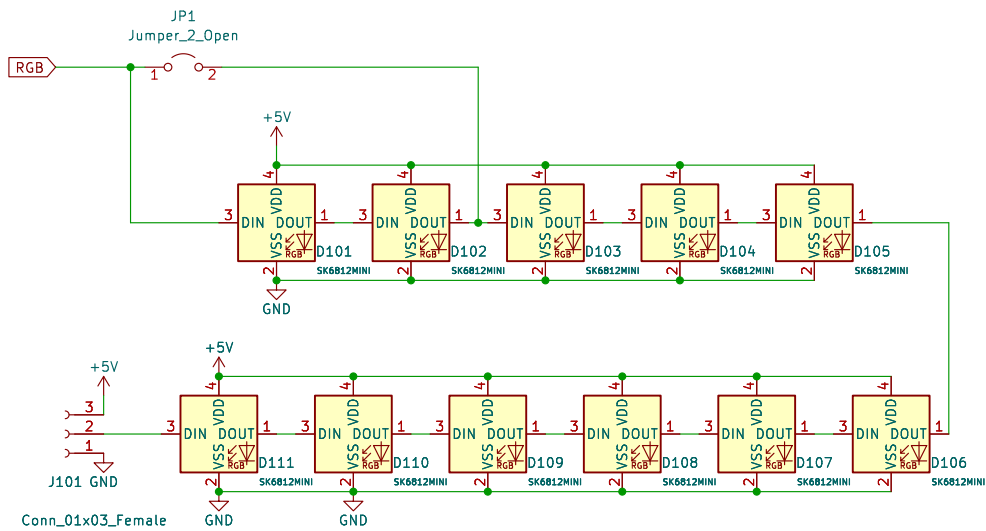
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Title: Le Capybara

Size: A4 Date: 2023-07-08
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Rev: 0.2
Id: 3/4



sporkus

Sheet: /rgb/
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Title: Hotswap Chiffre

Size: A4 Date: 2023-07-07

KiCad E.D.A. kicad-cli 7.0.5.1-1-g8f565ef7f0-dirty-deb11

Rev: 0.2

Id: 4/4