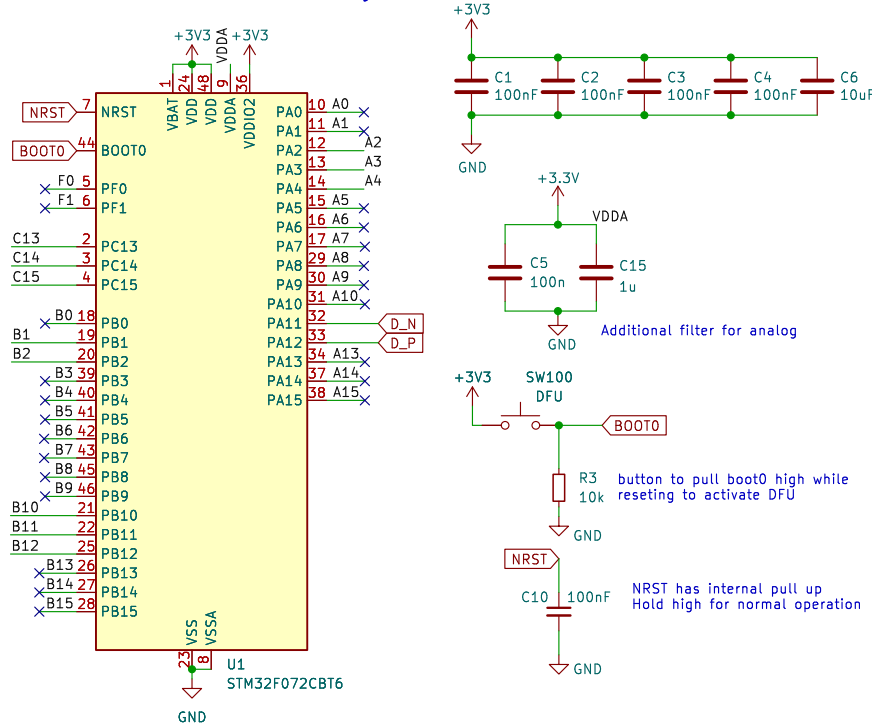
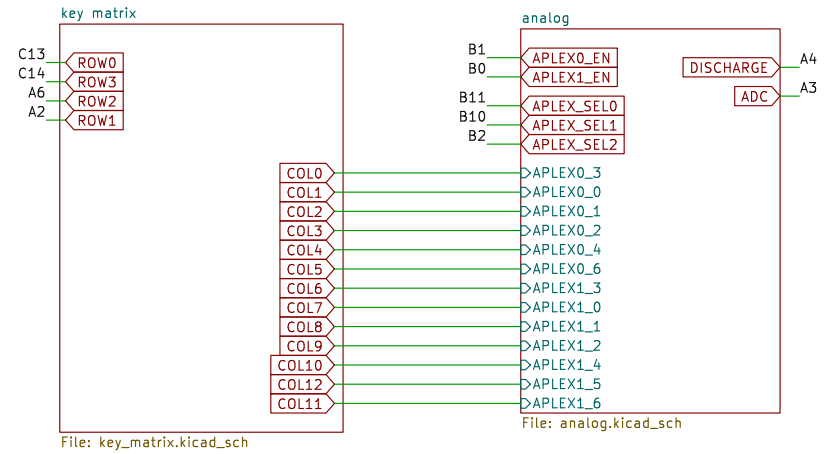


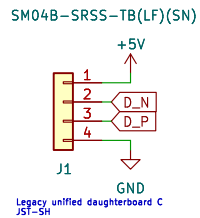
STM32F072CBT6 128Kb Flash, crystal-less USB



Pin Mapping

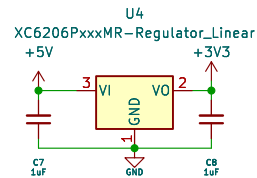


Unified daughterboard Legacy C3 connector



usb signal impedance ref:
4 layer PCB, stack up: JLC04161H-7628
coplanar differential pair
signal spacing: 0.2mm
signal to ground spacing: 0.2mm
signal trace width: 0.2644mm

3V3 LDO



mounting_holes



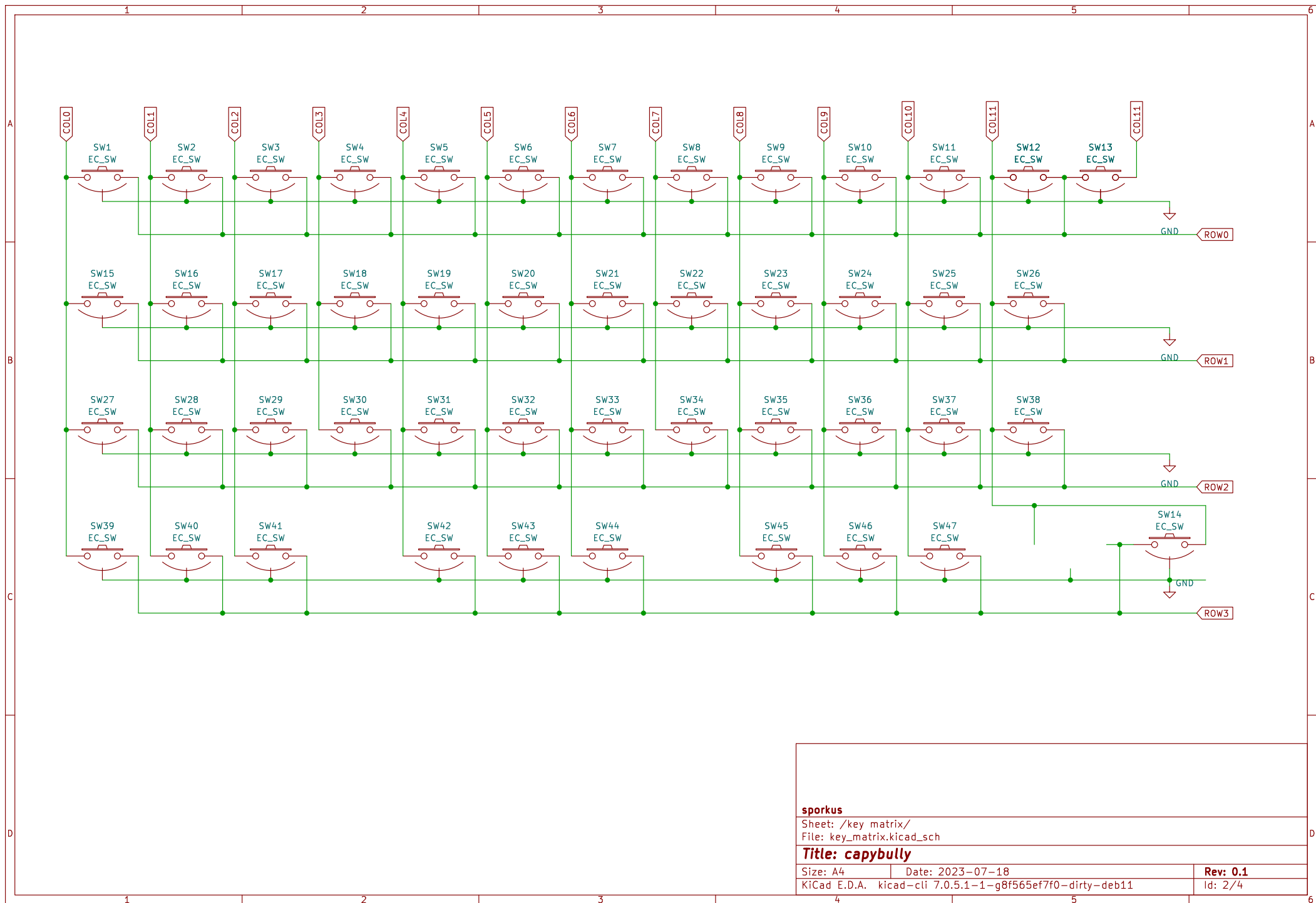
sporkus

Sheet: /
File: capybully.kicad_sch

Title: capybully

Size: A4 Date: 2023-07-18
KiCad E.D.A. kicad-cli 7.0.5.1-1-g8f565ef7f0-dirty-deb11

Rev: 0.1
Id: 1/4



sporkus

Sheet: /key matrix/

File: key_matrix.kicad_sch

Title: capybully

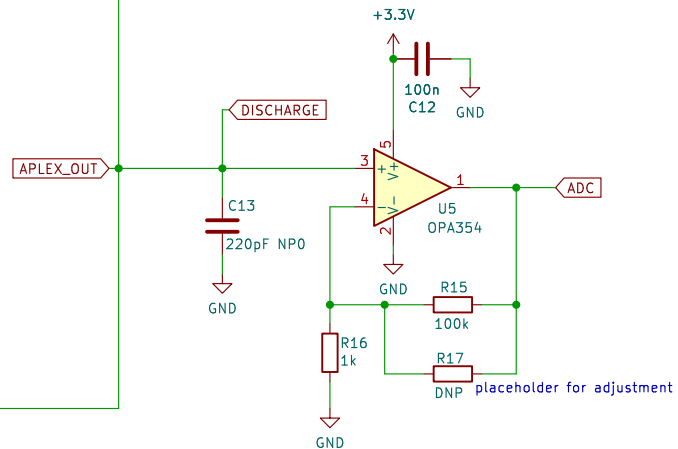
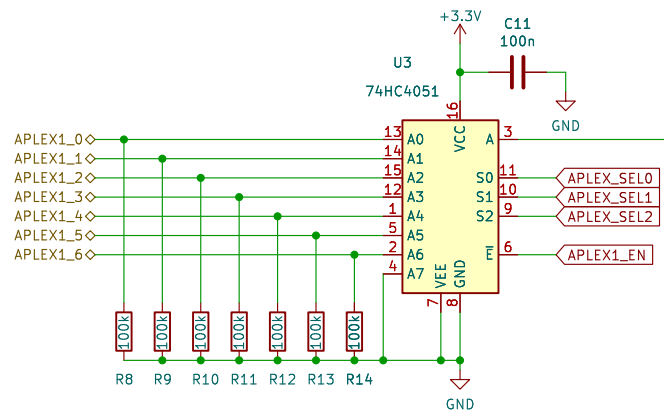
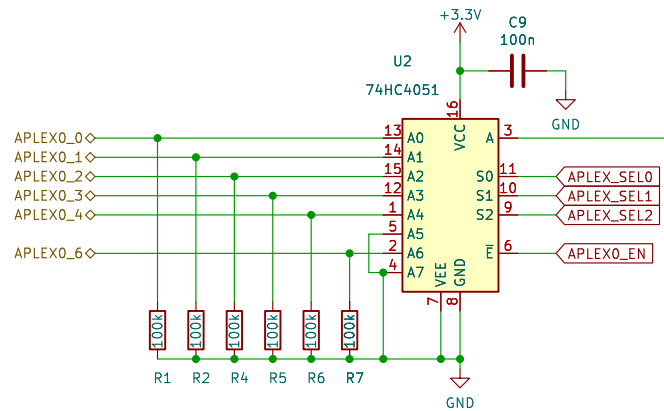
Size: A4

Date: 2023-07-18

Rev: 0.1

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

Id: 2/4



Alternatives:
SC-70-6
OPA358AIDCKR
LMV861

SOT-23-5 seems to have better availability
OPA354 to 358 seems ok

sporkus

Sheet: /analog/
File: analog.kicad_sch

Title: capybully

Size: A4 Date: 2023-07-18
KiCad E.D.A. kicad-cli 7.0.5.1-1-g8f565ef7f0-dirty-deb11

Rev: 0.1
Id: 3/4

