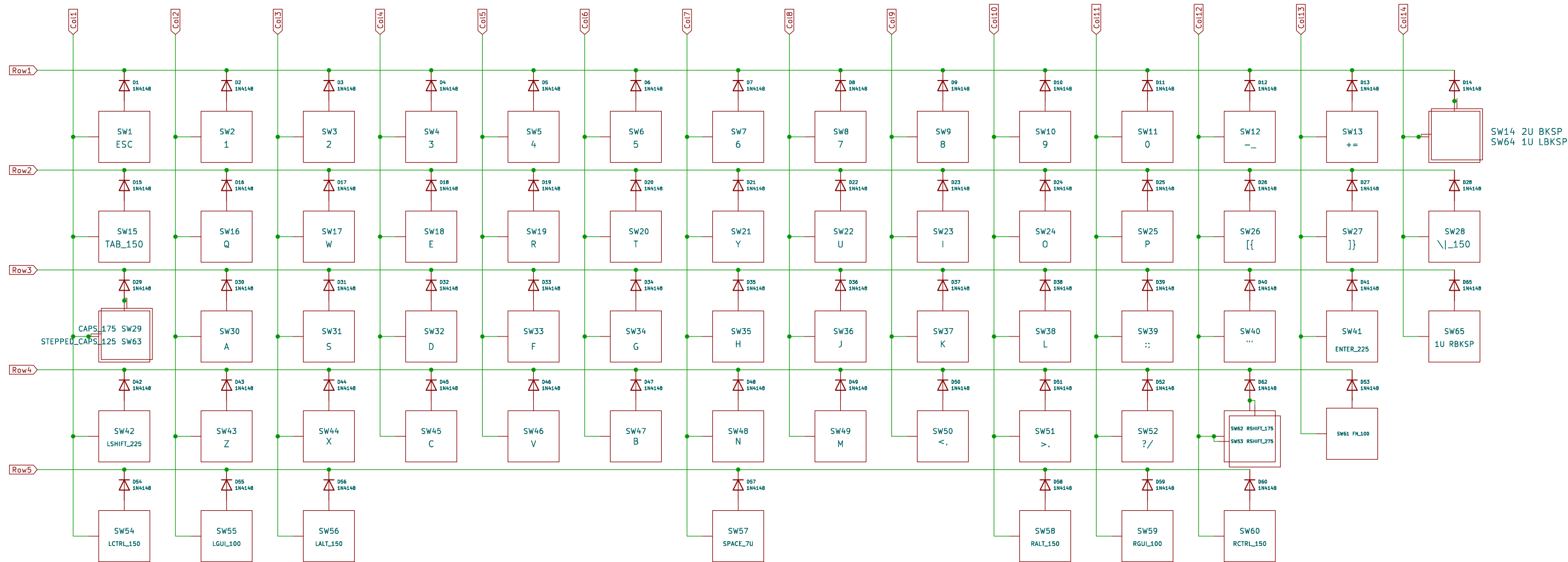


Switch matrix



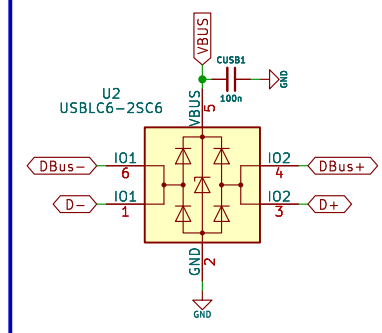
Logos and flags

- L2 OSHLogo
- L1 ArcticLogo
- L3 Acheron Logo
- L4 ArcticLabel
- L5 Acheron Logo

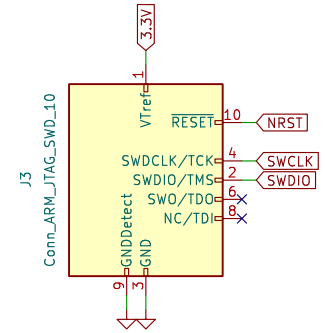
Mounting holes

- H1 Half Side Hole
- H2 Mounting Hole
- H3 Oval Mounting Hole
- H4 Oval Mounting Hole
- H5 Oval Mounting Hole
- H6 Half Side Hole
- H7 Oval Mounting Hole
- H8 CASE Mounting Hole
- H9 Oval Mounting Hole
- H10 Oval Mounting Hole

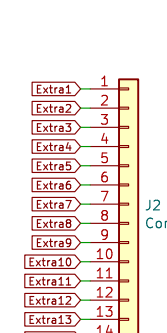
USD ESD



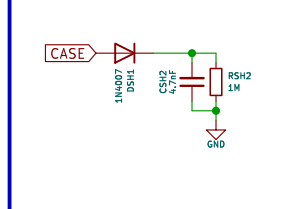
Serial programming



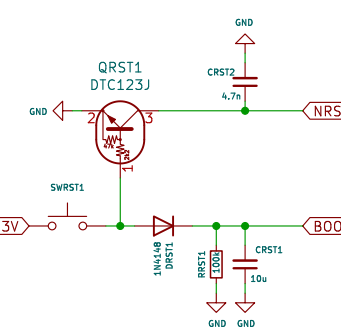
Extra pins



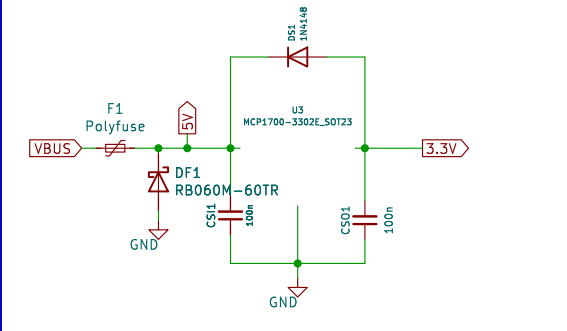
Case ESD



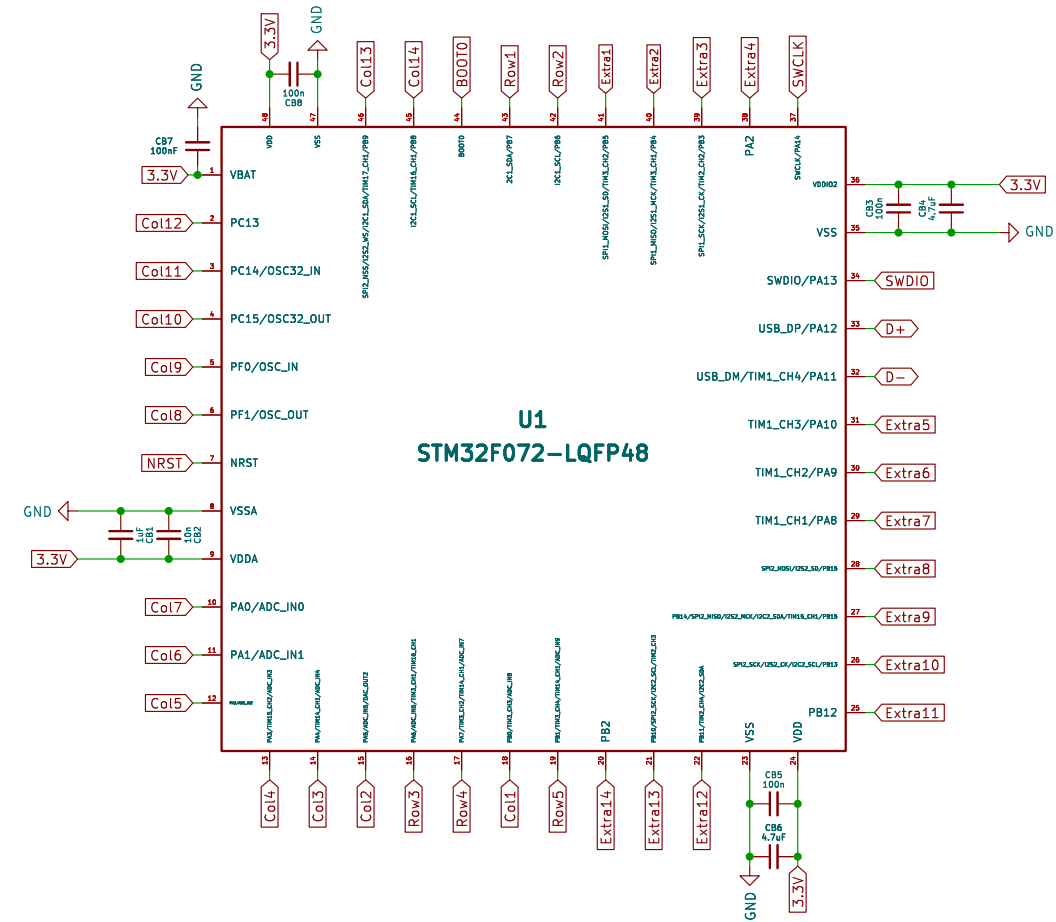
Hard reset circuit



Power supply and protection circuit



MCU



CBx are the bypass capacitors. Their value is specified in reference [2].

REFERENCES

[1] STM32F072x8 / STM32F072x8 datasheet

<https://www.st.com/resource/en/datasheet/stm32f072rb.pdf>

[2] AN4080 Application note

https://www.st.com/content/ccc/resource/technical/document/application_note/c9/19/47/b8/6b/0e/4c/d3/DM00051986.pdf/files/DM00051986.pdf/jcr:content/translations/en.DM00051986.pdf

Acheron 40-SM-0-MX-TH-WI codename SharkPCB

Designed by Gondolindrim in Partnership with ArcticFox

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Title: ArcticPCB

Size: A2 Date: 2020-03-18

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Rev: Alpha

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