

To Reviewers:
Thank you for reviewing this schematic.
It is split into one toplevel and few sublevel schematic,
each sub schematic contains the design for the system
isolated to its function.
The sheet level pins are the connection interfaces
between each system.

Thank You

Bokaka is an open-hardware, open-firmware credit-card-sized PCB distributed as a collectible at VOCALOID events.

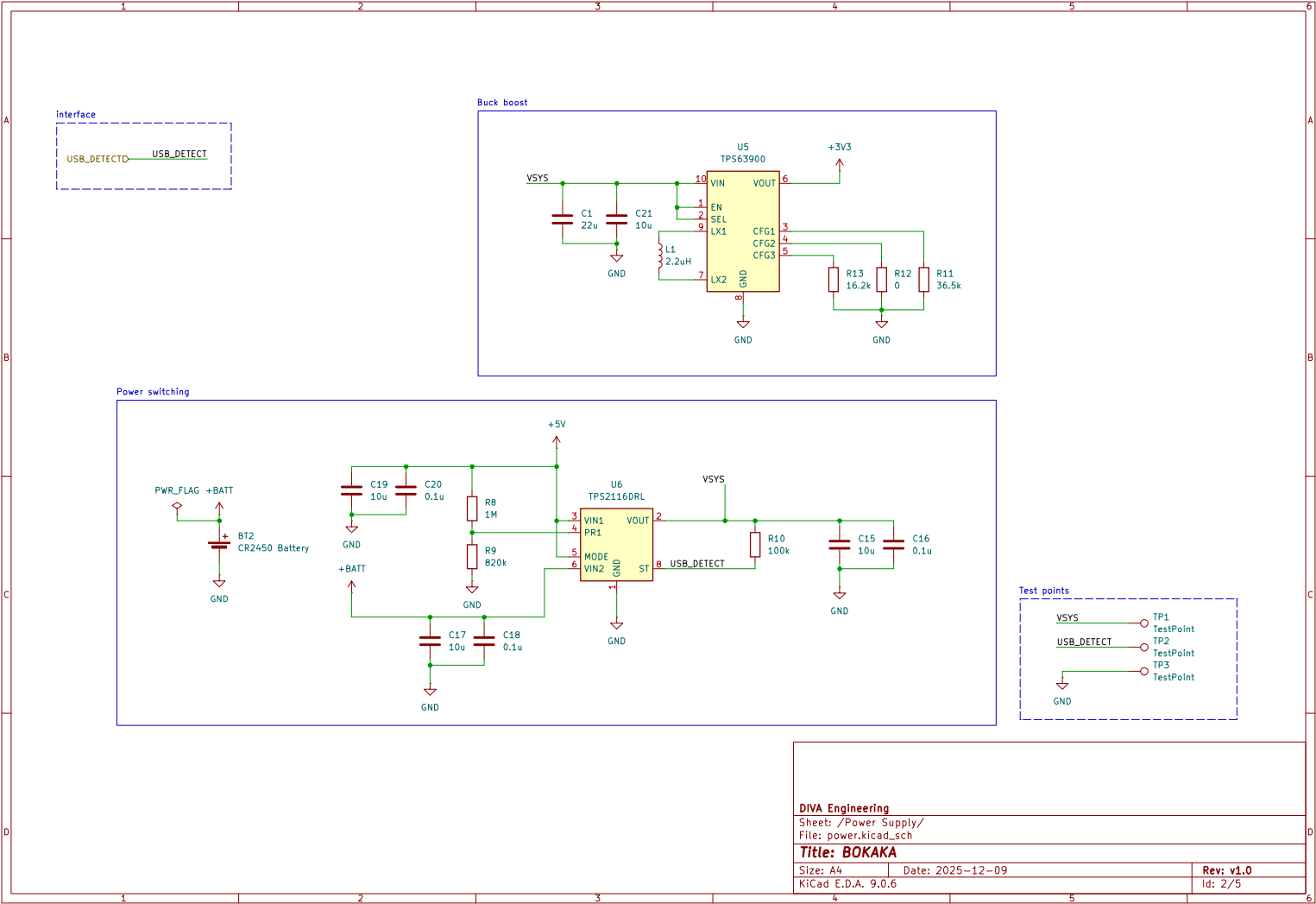
DIVA Engineering

Sheet: /
File: bokaka.kicad_sch

Title: BOKAKA

Size: A4 Date: 2025-12-09
KiCad E.D.A. 9.0.6

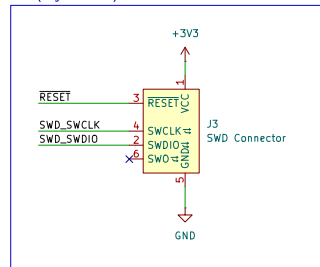
Rev: v1.0
Id: 1/5



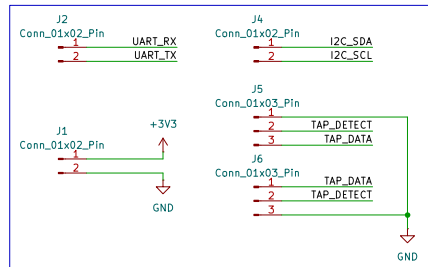
Interface

USB_D+ USB_D+
USB_D- USB_D-
TAP_DATA TAP_DATA
TAP_DETECT TAP_DETECT
UART_RXD UART_RX
UART_TXD UART_TX
SWD_SWCLKD SWD_SWCLK
SWD_SWDIOD SWD_SWDIO
RESETD RESET
RESETD I2C_SDA
I2C_SDA I2C_SDA
I2C_SCL I2C_SCL

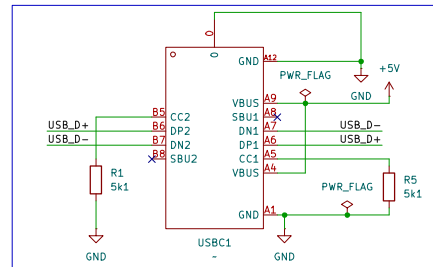
SWD (Edge Connect)



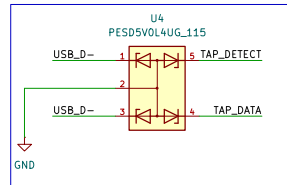
Board Headers



USB C Connector



ESD Protection



DIVA Engineering

Sheet: /Connectors/

File: connectors.kicad_sch

Title: BOKAKA

Size: A4

Date: 2025-12-09

Rev: v1.0

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Id: 3/5

