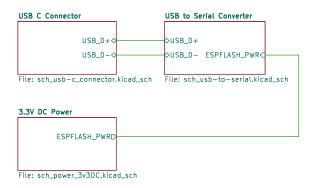
YAOEF (Yet Another Open ESP Flasher)

Issued 2025-03-20

Status: PROTOTYPE Rev 1.1

## PROJECT ARCHITECTURE



## **PROJECT DESCRIPTION**

A design for a simple "dongle" for flashing ESP32 based devices that have the ESPFlash header implemented (per Jon Oxer, SuperHouse. Ref http://superhouse.tv/espflash).

Why build USB capabilities into every ESP32 design when a simple header will suffice? Saves on parts count, additional footprint, etc. The dongle supports auto-programming logic. A power switch allows the dongle to be used for serial debugging when under circuit power (I.e., turn the switch off to disable USB power to ESPFlash header).

## **PROJECT NOTES**

N/a

# **DESIGN NOTES KEY**

DESIGN NOTE: Example text for informational design notes. DESIGN NOTE: Example text for cautionary design notes.

DESIGN NOTE: Example text for critical design notes. LAYOUT NOTE: Example text for critical layout guidelines. DRAFT — Very early stage of schematic, ignore details.
PRELIM — Close to final schematic.
PROTOTYPE — Untested in its built form.
TESTED — A board with this schematic has been built and tested.

# **TOP VIEW**



	Title: YAOEF (Yet Another Open ESP Flasher)					ॐ Wattle
	Sheet: / File: ESPFlash.kicad_sch					Labs
	Rev: 1.1	Date:	2025-03-20	ld: 1/5	KiO	Cad E.D.A. 9.0.0
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