## BLDC DRIVER PROJECT 2024

DRIVER
Phys. 42 co. 12 co. 4 co. 6
File: driver.kicad_sch
CPU
File: CPU.kicad_sch
The er olineas_sell
POWER
File: power.kicad_sch

TODO for 1.0:

- Add testpoints
TODO for 1.1:

- Add connectors for Power and phases instead of solder-pads
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- Add wireless com.

- Modify Bulk Capacitance after simulation and testing
- Modify grystal resistor after testing stm-oscillator drive strength
- Check if USB power filtering is necessary
- Check if keeping stm32 analog and digital ground separate has an effect on stm32 adc performance.
- Add a 30 amp fuse to avoid the whole circuit from burning down
- Add an extra sensor input for an encoder





