

Never solder any components while they are connected to a power supply (battery, power supply, USB port, ...)!

You are **required** to check your planned connections with the manuals of the involved components to avoid injuries, short-circuits, and damages of the involved components!

Check:

- STM32F4 Discovery Board/Arduino manuals
- Manuals or specifications of the sensors
- Manuals or specifications of the motors

Proposal: Possible STM32F4 – Light setup

