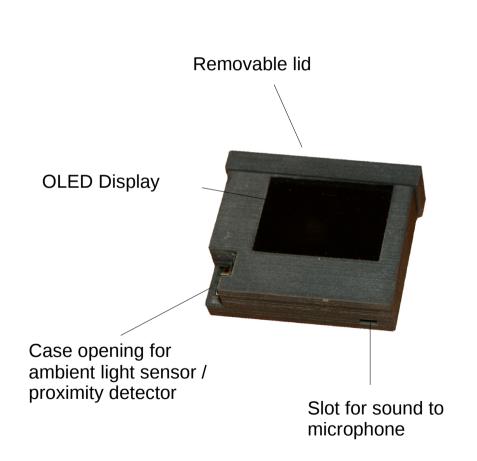
## Anatomy of LimiFrog



## STM32 Program / Debug interface (SWD) (Not exposed here) BlueTooth module

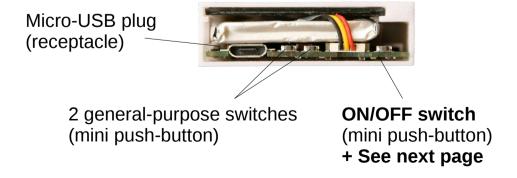
Extension port

SWD interface (optional use)

**BACK** 

## **TOP (Lid Removed)**

(configurable digital/analog interfaces)



## **Operation of ON/OFF switch** (mini push-button)

> From **OFF** state:

Press ON/OFF switch for about **0.5s** to switch **ON** 

- > From **ON** state:
  - ON/OFF signal routed to STM32 GPIO, behavior software-dependent.

The provided software implements a "soft power off":

Briefly pressing ON/OFF triggers an interrupt that switches off the full board after 3 brief LED flashes.

- Press ON/OFF switch for >5 s to cause a "hard power off" :

Board is switched off without CPU intervention.

(Useful in case STM32 code has hung and cannot execute the soft power off sequence)