



# Nucleo Project

Final Presentation

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# Project Description

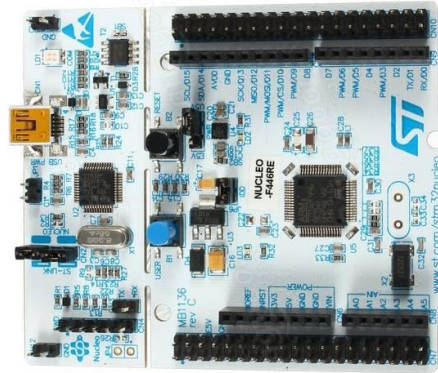
→ Hacking Jeelabs' ESP-Link

→ Flash a STM32 microcontroller from distance

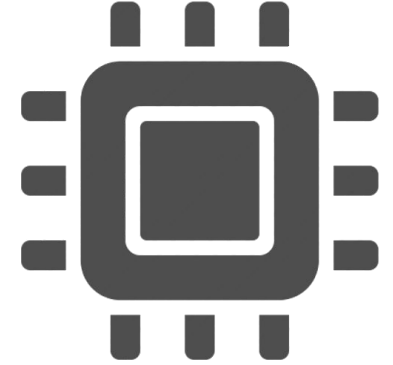
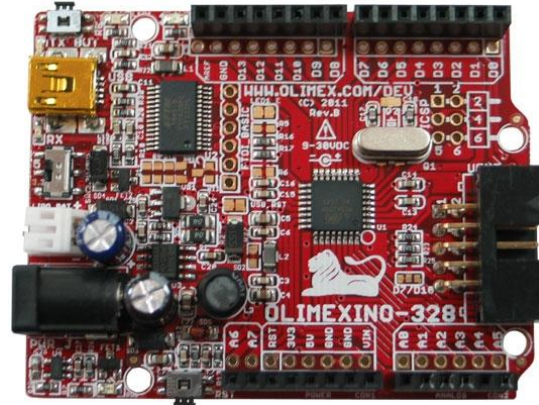


# Technologies

→ NUCLEO-F446RE



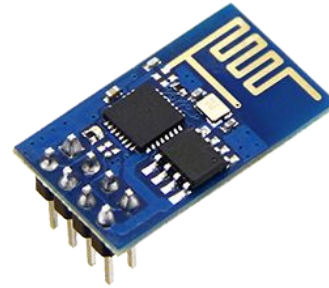
→ OLIMEXINO-328



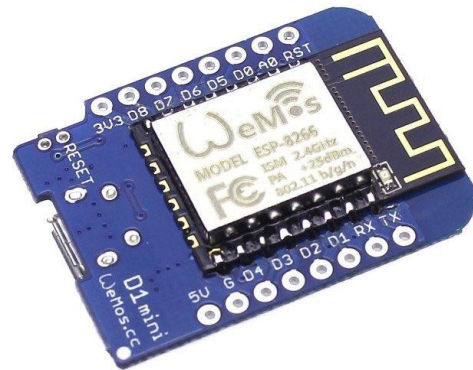


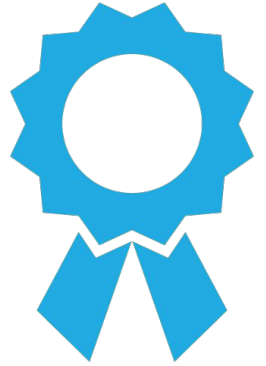
# Technologies

→ ESP8266EX-01



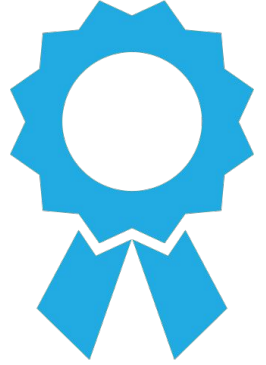
→ ESP8266EX-12





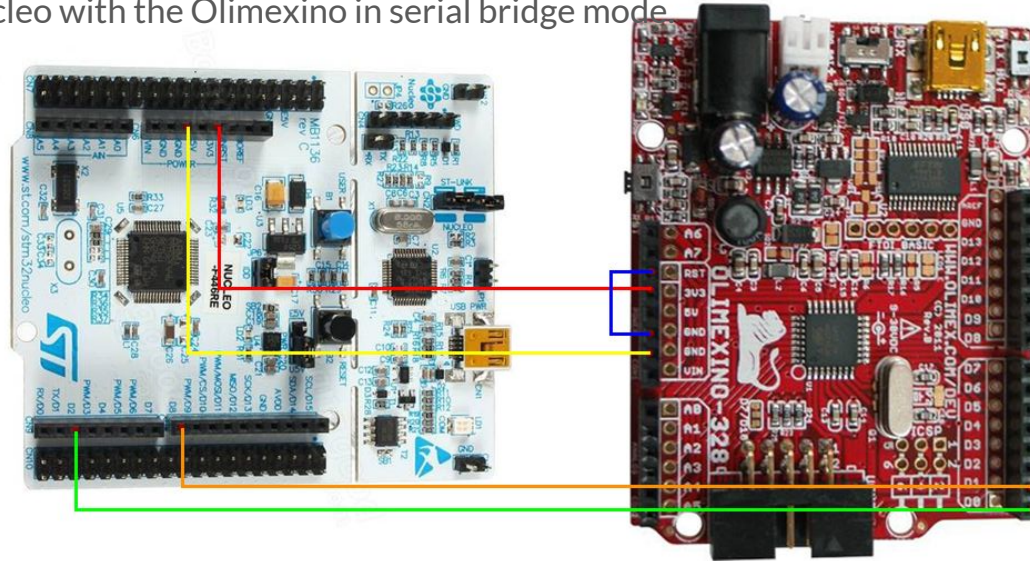
# Technical Achievements

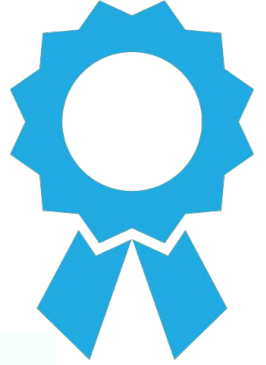
- Flashing the ESP board with the ESP-Link library.
- Flashing the Nucleo with the Olimexino in serial bridge mode.
- Remotely flashing the Olimexino with the ESP in serial bridge mode (once).



# Technical Achievements

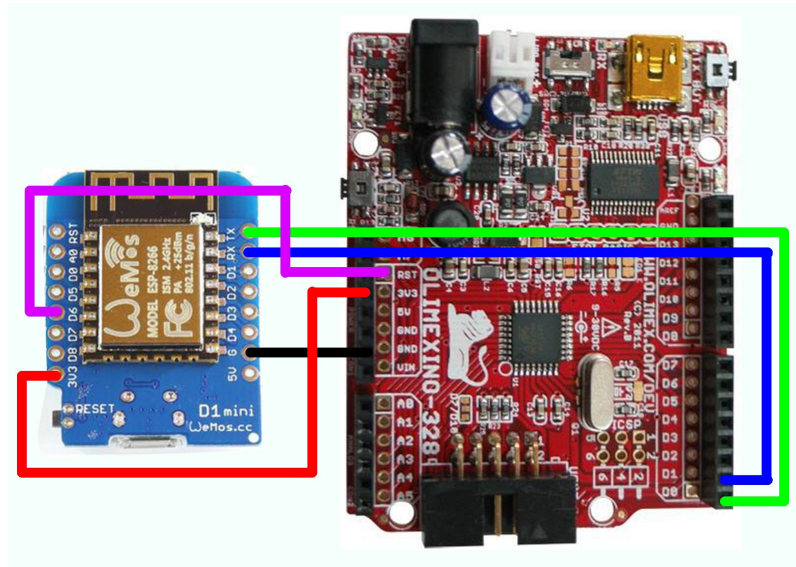
→ Flashing the Nucleo with the Olimexino in serial bridge mode





# Technical Achievements

→ Remotely flashing the Olimexino with the ESP in serial bridge mode (once).



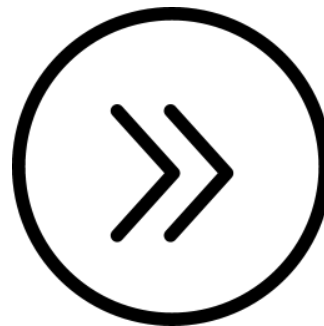


# Possible Improvements

→ Extending Arduino software

→ Prune ESP-Link's library

→ Implement security







## Conclusion & Feedback

*The End*



## Demo

