

Project 3 Proposal

“The Micro Quad”

1. Who is on your team?
 - a. Eric and Marie-Caroline
2. What do you plan to build for your final project? What will it do? What are its Features?
 - a. The PCB board for a micro quad- or hex-copter, where the PCB is the main structure.
 - b. It will fly when controlled by a phone or existing controller and possibly interact with a larger flying-copter and/or with a sound based location system.
 - c. Its features include:
 - i. ATMEGA328PB
 - ii. A light-weight, small design to allow for flight
 - iii. Bluetooth, radio, and/or some other form of communication to relay information to the flying-copter
 - iv. Motor drivers
 - v. Lithium battery charging and discharging circuits
 - vi. Some blinking lights
3. How does your Project 2 board relate to the one you will design for Project 3?
 - a. Marie-Caroline used an ATMEL chip in Project 2
 - b. We’re using KiCad again...

