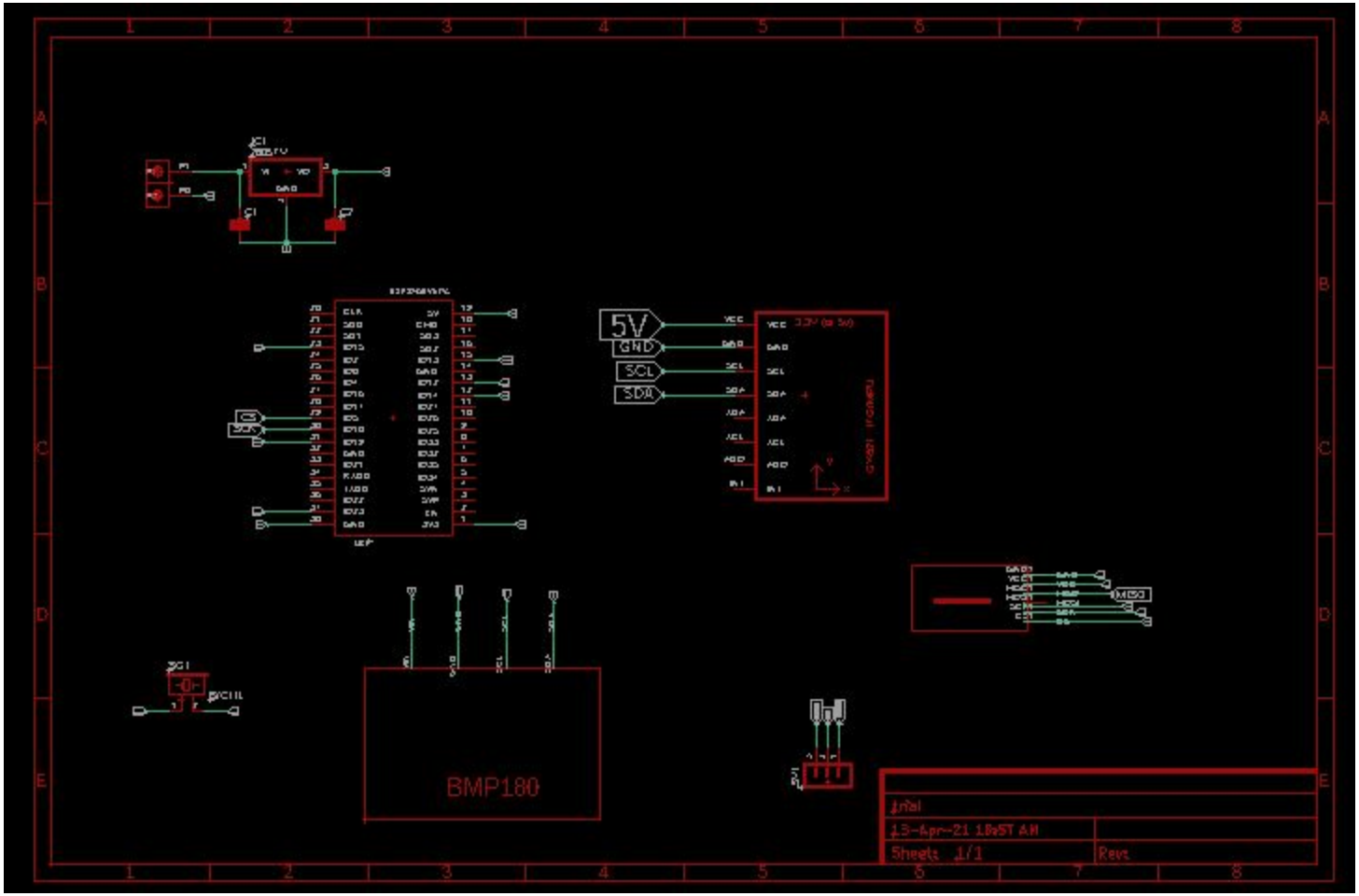
Nakuja internship
Team meeting

Progress report

Name: MICHAEL KIMANI

Tasks carried last week

- PCB Design - Redesigned the MicroSD library to fit my module
- Kalman filter
- Data acquisition
- Acquired velocity from acceleration data


5V
GND
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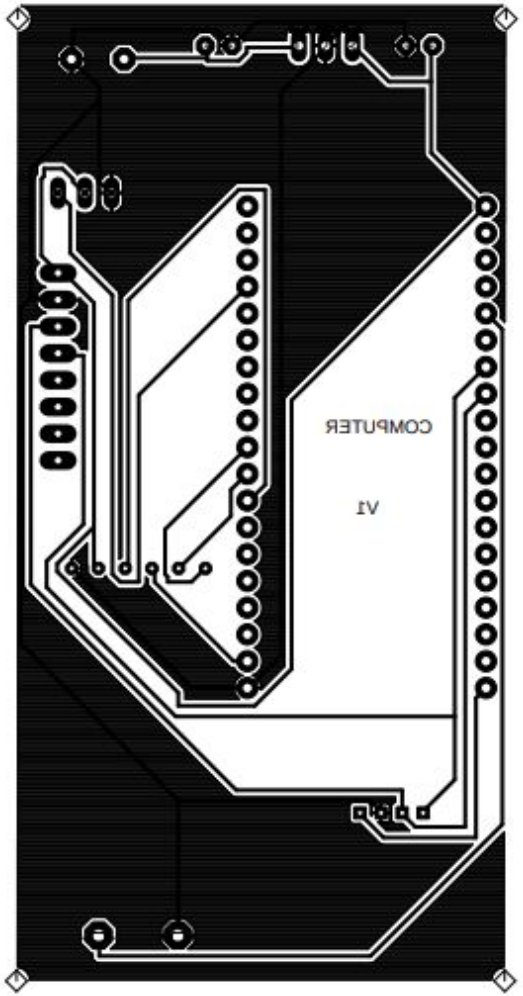
COMPUTER
V1

Tasks in this week

- PCB etching
- Drilling
- Soldering
- Iterative testing for apogee detection

TIMELINE

Month	Week	Tasks
Mar	Week 1	Research and acquisition of sensors
	Week 2	Ignition and parachute deployment programming
	Week 3	1. PCB design of the avionics bay 2. Parachute deployment programming 3. Avionics components
	Week 4	1. SD card module with 3v3 regulator 2. More filter tests 3. Pcb design 4. Acquire prototyping board
Apr	Week 1	1. PCB design 2. Kalman filter, more parachute tests
	Week 2	1. Kalman filter, PCB design, Acquire velocity values
	Week 3	PCB etching, Drilling, Continuity tests, Soldering, Apogee detection testing
	Week 4	Launch N-1 rocket