

Heart-Rate Monitor Watch

FULL PROJECT PROCESS

Danny Knaus

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01

Prototyping



PCB Design



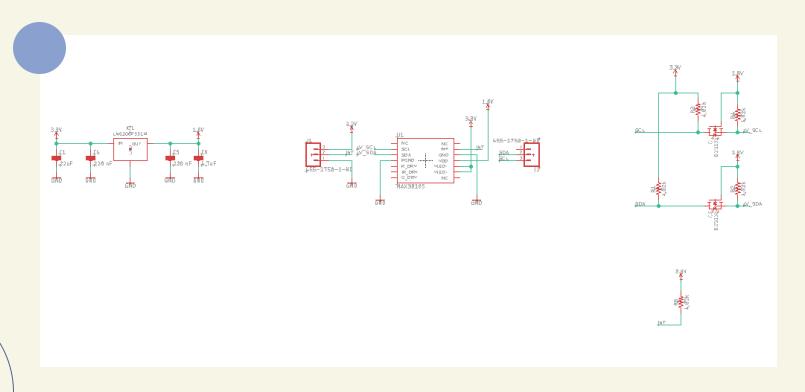
Manufacturing



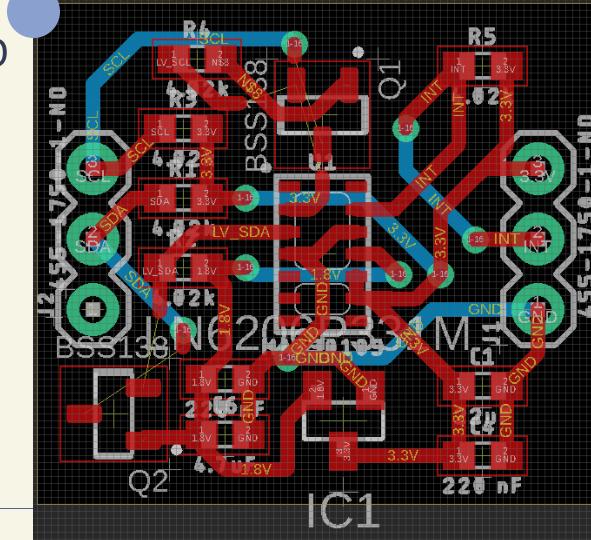
Final Product



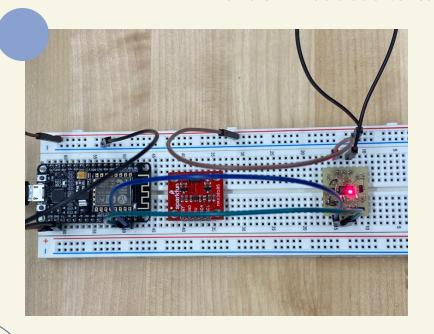
1ST SCHEMATIC (NO ESP8266)



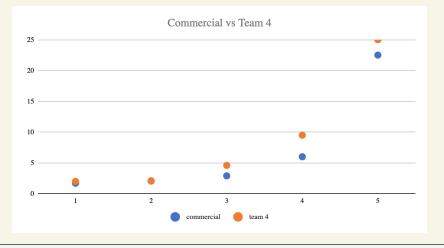
1ST PROTOTYPE (NO ESP8266)



PRELIMINARY TESTING

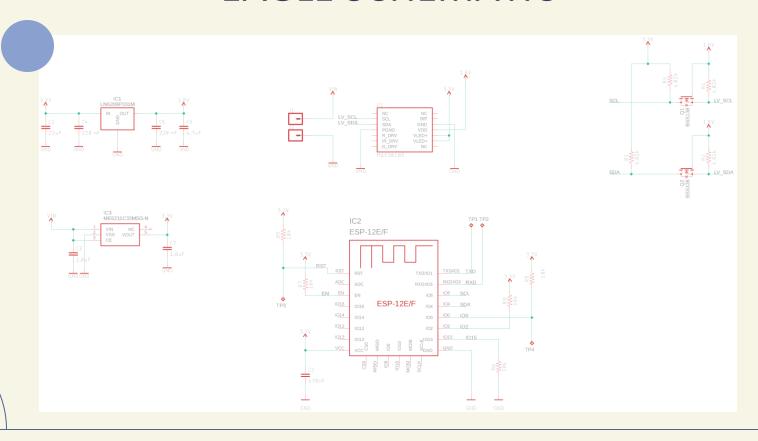


cm	Commercial	Team 4
1	1.7	2
2	2.05	2.1
3	2.9	4.6
4	6	9.5
5	22.5	25





EAGLE SCHEMATIC

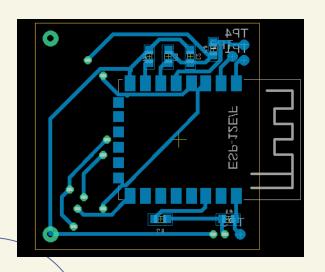


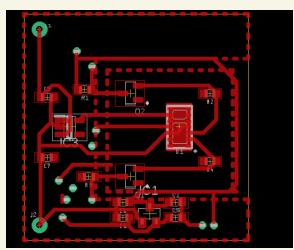
EAGLE BRD

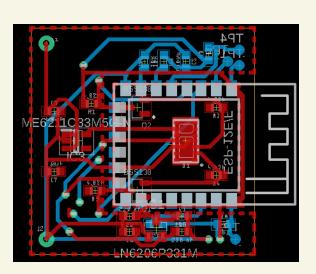
Bottom View

Top View

Standard View







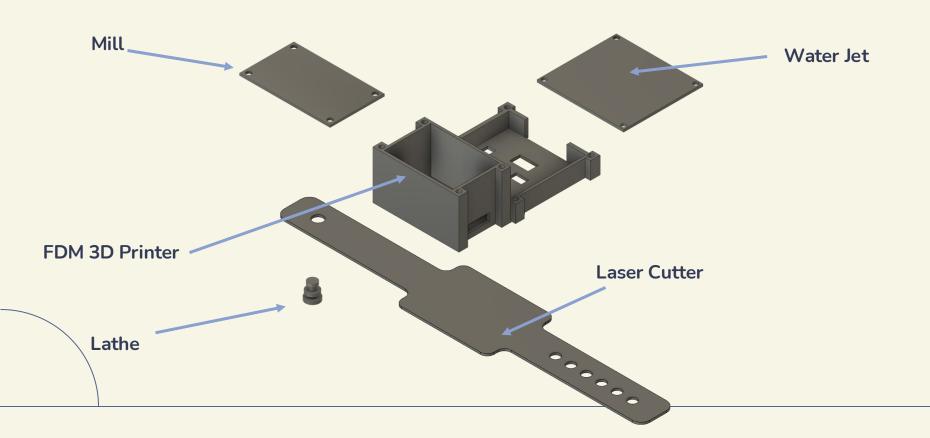


03

Manufacturing & Fabrication

Manufacturing Techniques Used & How

CAD DESIGNS







Final Product

CAD Renderings and Finished Project Image



