**EEEN 561**

**MIDTERM PROJECT REPORT**

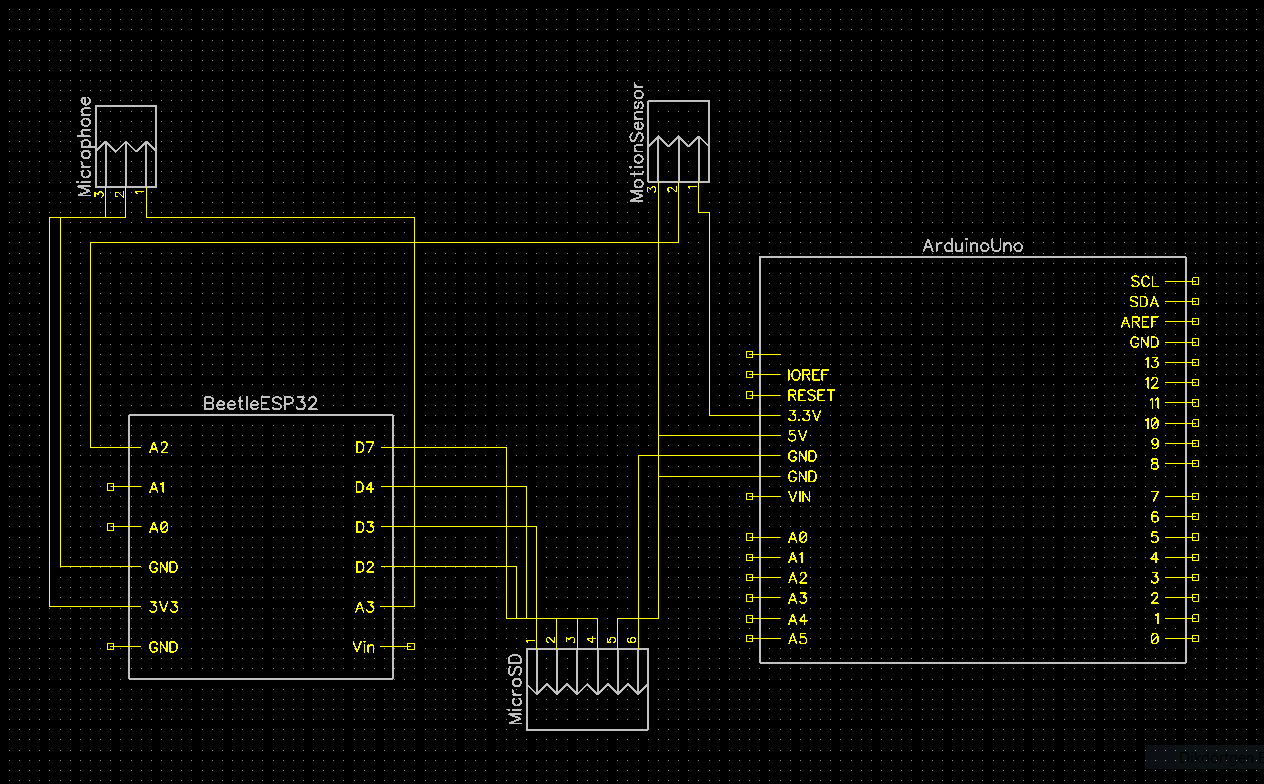
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**Project Description:**

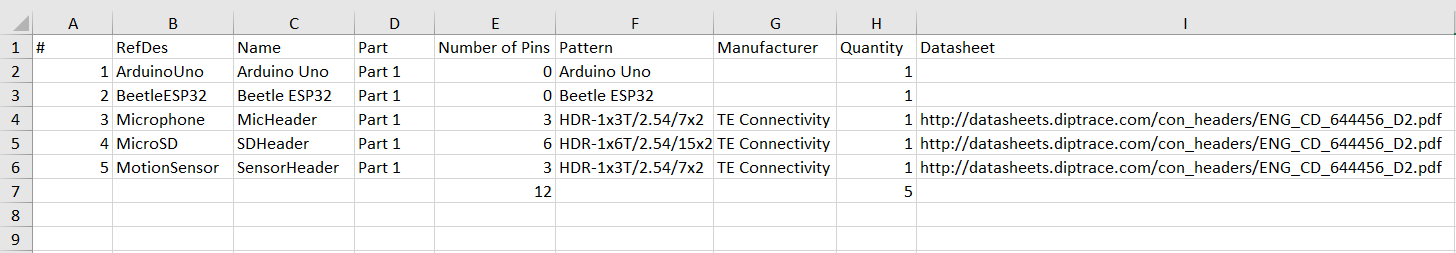
In our project, we designed a PCB that is perfect fit for our graduation project which named as Smart Dust Embedded System. This PCB has exact dimensions to enable us mount every module/microcontroller with ease. As we used three different modules/sensors, we included headers and named them accordingly. We also have 4 mounting holes for easier mounting.

**Schematic**

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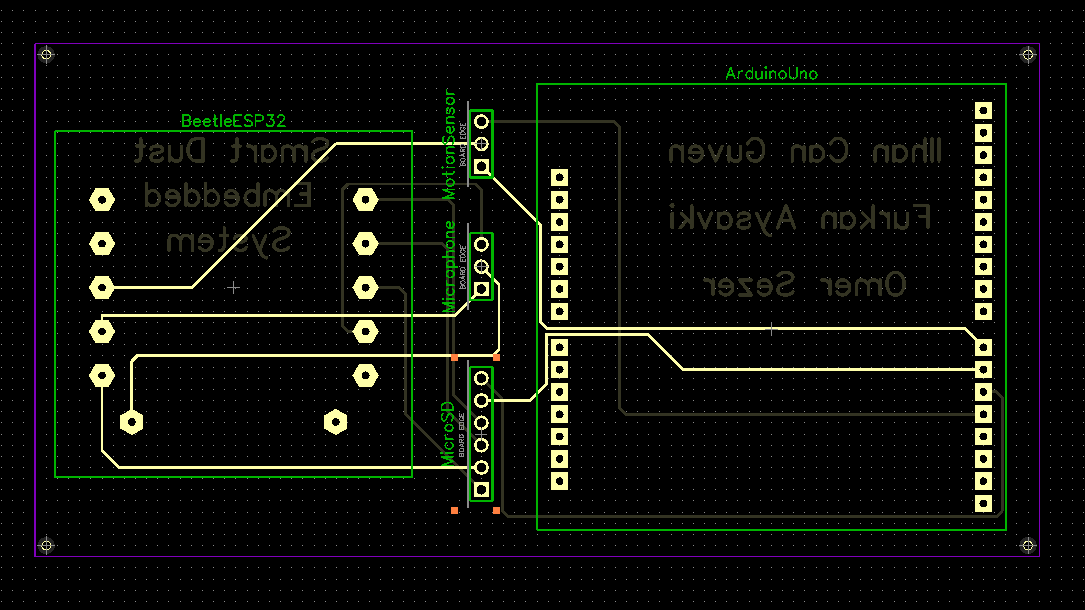
**Fig. 1.** Schematic Capture

**Bill of Materials**

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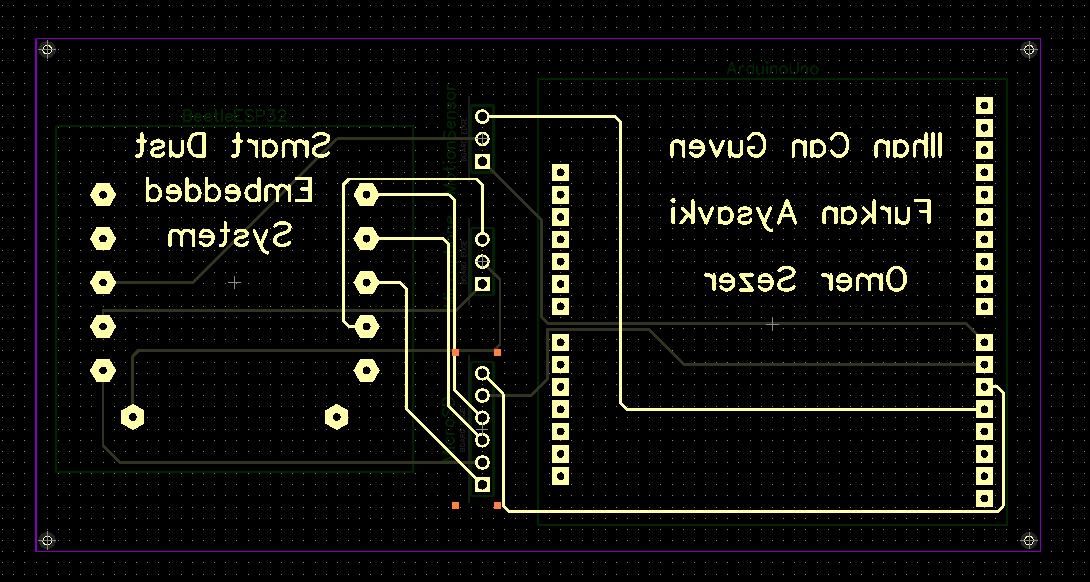
**Fig. 2.** Bill of Materials

**PCB Top Layer View**

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**Fig. 3.** PCB Top Layer View

**PCB Bottom Layer View**

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**Fig. 4**. PCB Bottom Layer View