Interface Definition

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| Name | Properties |
| DC power\_to\_Microcontroller | Vnominal: 9V  Vo: 5V |
| Microcontroller\_to\_LEDs | Vnominal: 5V |
| Accelerometer\_to\_Microcontroller\_Comm | Datarate: 9600  Message:acceleration data (m^2)  Protocol: I2C  Vmax: 5V  Vin: 3V  Other: 16 bit data output |
| Outside\_envir\_to\_Accelerometer | Detect acceleration in three axis (X,Y, Z) |
| LEDs\_outsider\_Usr | Display characters of at least 7X5 pixels |