**Table 1.** Breakdown of Parts Cost

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| Item Name | Cost per Unit |
| ITG-3200 Gyroscope | $10.00 |
| HMC5883L Magnetometer | $1.16 |
| ADNS-3000 OFS | $1.25 |
| ATSAM3X8EA-AU | $7.49 |
| ATMEGA16U2-MU | $2.07 |
| Custom Plastic Casing | $20.00 |
| Printed Circuit Board | $20.00 |
| **Total** | $61.97 |