**Request for Quote on PCB Fabrication, Assembly, and Testing**

1. **List of files included in Hunter\_Adams.zip**

|  |  |
| --- | --- |
| **File** | **File Name** |
| BOM | BOM / BOM.xlsx |
| Schematic | Drawings / Schematic.png |
| Assembly Drawing | Drawings / Top.png  Drawings / Bottom.png |
| Gerbers | Gerbers / \* (11 files) |
| IPC net list | IPC Netlist / Sprite\_CC1310\_Development.ipc  IPC Netlist / Netlist.txt |
| CAD Files | Eagle / Sprite\_CC1310\_Development.brd  Eagle / Sprite\_CC1310\_Development.sch |
| Drill Files | Drill files / Sprite\_CC1310\_Development.drd  Drill files / Sprite\_CC1310\_Development.dri |
| Centroid File | CPL / CPL.xlsx |

1. **Services requested**

**QTY: 10 boards**

|  |  |
| --- | --- |
| **Service** | **YES/NO** |
| PCB fabrication | YES |
| Assembly | YES |
| Net list testing | YES |
| X-Ray inspection | YES |
| Conformal coating | NO |
| Class 3 Mil Spec | YES |
| Engineering Review of Cornell’s Board Design by BSU | NO |

1. **PCB specs**

|  |  |
| --- | --- |
| Dielectric | FR4 |
| Color | Green |
| Layers | 4 |
| Thickness | 0.062in |

1. **Delivery method:**

In-person pick up from BSU. I will drive down to BSU and pick up the boards when they are ready.

1. **Additional notes:**

Please note that all components in the Bill of Materials are available from DigiKey, with the exception of the GPS module.

The GPS Module is the Venus838FLPx-L, which is available from SkyTraq, a Taiwanese company. SkyTraq offers this component for space applications ($99, with the COCOM limits removed), and for terrestrial applications ($12.50, without COCOM limits removed). **Please note that for this board, we would like the TERRESTRIAL GPS module (i.e. the $12.5, without COCOM limits removed).**

In order to procure the GPS, an email must be sent to info@skytraq.com.tw, in the past I've worked with Oliver Huang there. The item that we use is the "Venus838FLPx-L without the COCOM limits removed, $12.5