



Parts

Naming Convention

All my parts are named using the following naming convention:

YEAR - PROJECT NUMBER - PART NUMBER - SUFFIX








The suffix options are as follows:

- _o: The overall assembly for the project
- _pp: A part that will be purchased rather than custom manufactured for the board, but will still be included in the product the buyer receives.
- _rp: A reference part that won't be included in the product the user receives and merely exists to make the CAD more complete.

Part List

| Aa Name | Description | Design Status | Finish | Manufacturing | Material | Supplier | # Number Per Board | # Pr |
|----------------------|--------------------------------------|------------------|--|---------------|---------------------|----------|-----------------------------|---------|
| <u>2021-01-001_o</u> | The overall assembly for the KBD2600 | N/A | N/A | N/A | N/A | N/A | | |
| <u>2021-01-002</u> | The bottom of the case | Completed | Bead Blasted Black Anodized | Milling | 6061-T6 Aluminum | TBD | 1 | |
| <u>2021-01-003</u> | The top of the case | Completed | Bead Blasted Black Anodized | Milling | 6061-T6 Aluminum | TBD | 1 | |
| <u>2021-01-004</u> | The aluminum plate | In Progress | Bead Blasted Clear Anodized | Milling | 6061-T6 Aluminum | TBD | | |
| <u>2021-01-005</u> | The polycarbonate plate | Proposed | N/A | Routing | Polycarbonate | TBD | | |
| <u>2021-01-006</u> | The case weight | Completed | Mirror Polished | Milling | Stainless Steel 304 | TBD | 1 | |
| <u>2021-01-007</u> | The front cover | Completed | Bead Blasted Color Anodized Laser Marked | Milling | 6061-T6 Aluminum | TBD | 1 | |

| Name | Description | Design Status | Finish | Manufacturing | Material | Supplier | # Number Per Board | # Pr |
|--------------------------------|--|---------------|---|-------------------|---------------------|----------|--------------------|------|
| 2021-01-008 | The back cover | Completed | <div>Bead Blasted</div> <div>Color Anodized</div> <div>Laser Marked</div> | Milling | 6061-T6 Aluminum | TBD | 1 | |
| 2021-01-009 | The wooden variant of the front cover | Proposed | <div>Oiled Wood</div> <div>Paint Infill</div> | Routing | Walnut | TBD | | |
| 2021-01-010 | The wooden variant of the back cover | Proposed | <div>Oiled Wood</div> <div>Paint Infill</div> | Routing | Walnut | TBD | | |
| 2021-01-011 | The daughterboard mount | Completed | <div>Bead Blasted</div> <div>Black Anodized</div> <div>Laser Marked</div> | Milling | 6061-T6 Aluminum | TBD | 1 | |
| 2021-01-012_pp | The Wilba Tech WT60-G Graphite PCB | N/A | N/A | PCB Manufacturing | FR4 | Wilba | 1 | |
| 2021-01-013_pp | The C3 Unified Daughterboard | N/A | N/A | PCB Manufacturing | FR4 | Wilba | 1 | |
| 2021-01-014_pp | The JST Cable | N/A | N/A | N/A | N/A | Wilba | 1 | |
| 2021-01-015_pp | The silicon keyboard universalized feet (SKUF) | N/A | N/A | N/A | Silicon | Salvun | 4 | |
| 2021-01-016_pp | The gaskets | Completed | N/A | Die Cutting | Poron (Density TBD) | TBD | 4 | |
| 2021-01-017_pp | The screws attaching the daughterboard to the mount | N/A | Black Oxide | N/A | Alloy Steel | TBD | 4 | |
| 2021-01-018_pp | The screws attaching the weight to the case | N/A | Black Oxide | N/A | Alloy Steel | TBD | 4 | |
| 2021-01-019_pp | The screws attaching the bottom of the case to the top | N/A | Black Oxide | N/A | Alloy Steel | TBD | 6 | |
| 2021-01-021_pp | The screws attaching the daughterboard mount to the case | N/A | Black Oxide | N/A | Alloy Steel | TBD | 4 | |
| 2021-01-020_pp | The magnets for the front and back panels | N/A | N/A | N/A | | TBD | 8 | |

|  Name |  Description |  Design Status |  Finish |  Manufacturing |  Material |  Supplier | # Number Per Board | # Pr |
|--|---|---|--|---|---|--|--------------------|------|
| <u>2021-01-023_rp</u> | Switch assembly | N/A | N/A | N/A | N/A | User | | |
| <u>2021-01-030_rp</u> | 7U stabilizer assembly | N/A | N/A | N/A | N/A | User | | |
| <u>2021-01-031_rp</u> | 2U Stabilizer Assembly | N/A | N/A | N/A | N/A | User | | |
| <u>Part</u> | | | | | | | | |