**BitMakeLab Kit v0.5**

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| **Picture** | **File Name** | **Quantity Per Kit** | **Post print** |
|  | **CAST \_caster\_wheel \_to\_m6\_bolt** | 1 | * Superglue caster |
|  | **DFEC \_dfrobot\_microbit\_edge\_connector \_to\_m6\_bolt** | 1 | * Bolt on edge conn |
|  | **DFMB \_dfrobot\_microbit\_motor\_board \_to\_m6\_bolt** | 1 | * Superglue parts * Bolt on motor board |
|  | **KILF \_kitronik\_line\_follower \_to\_m6\_bolt** | 1 | * Hot glue line follower |
|  | **LP#1 \_lplate#1 \_to\_m6\_bolt** | 2 | * Superglue parts * Shape hole 6mm |
|  | **LP#2 \_lplate#2 \_to\_m6\_bolt** | 2 | * Superglue parts   Shape hole 6mm |
|  | **PL12 \_plate#1\_2mm \_to\_m6\_bolt** | 9 |  |
|  | **PL22 \_plate#2\_2mm \_to\_m6\_bolt** | 3 |  |
|  | **SERH \_servo\_horn \_to\_m6\_bolt** | 2 | * Superglue parts * Superglue ervo horn |
|  | **SERV \_servo \_to\_m6\_bolt** | 2 | * Superglue parts   Click in servo motor (L+R orientation) |
|  | **TTMB \_tt\_motor\_bracket \_to\_m6\_bolt**  (on Prusa print with 50% infill and 3 perimeters) | 2 | * Superglue parts * Click on TT motor (L+R orientation) |
|  | **TTMP \_tt\_motor\_bracket\_plate\_only \_to\_m6\_bolt** | 0 |  |
|  | **TTMS \_tt\_motor\_shaft \_to\_m6\_bolt** | 2 | * Superglue parts |
|  | **ULTR \_ultrasonic\_sensor \_to\_m6\_bolt** | 1 | * Superglue parts * Hotglue ultrasonic |

**Quick Print Set**

Prints all main components in fewer print jobs. Note TT motor brackets printed on Prusa using ABS.

|  |  |
| --- | --- |
| **Picture** | **File Name** |
| A green rectangular object with a nut  Description automatically generated | **bambu\**  **ALLDFROBOT** |
| x2 x1  x9 x3 | **bambu\**  **ALLPLATES** |
|  | **bambu\**  **ALLSENSORS** |
| x2x2x2 | **bambu\**  **ALLMOTORS** |
| x2 | **Prusa\_abs\**  **TTMB.02.ABS** |

**Additional Components**

Print these as needed. They are bought separately.

|  |  |  |  |
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| **Picture** | **File Name** | **Quantity Per Kit** | **Post print** |
| A close-up of a rectangular object  Description automatically generated | **7SEG \_adafruit\_backpack\_7seg\_led \_to\_m6\_bolt** | 1 | * Superglue parts * Hot glue LED |

**Not Needed**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| A close-up of a metal piece  Description automatically generated | | battery\_holder\_aa\_vertical  \_to\_m6\_bolt  \_x1\_30m | | | 1 |
| A close-up of a battery holder  Description automatically generated | | battery\_holder\_aa\_horizontal  \_to\_m6\_bolt  \_x1\_28m | | | 1 |
| A purple square with a round knob  Description automatically generated | | plate#1\_1mm  \_to\_m6\_bolt  \_x1\_6m | | | 0 |
| A purple object with a round object on it  Description automatically generated | | plate#2\_1mm  \_to\_m6\_bolt  \_x1\_8m | | | 0 |
| A close-up of a device  Description automatically generated | | **kitronik\_microbit\_edge\_connector**  \_to\_m6\_bolt  \_x1\_27m | | | 1 |
| A close-up of a screw and nut  Description automatically generated | | **adafruit\_feather\_7seg\_led**  \_to\_m6\_bolt  \_x1\_20m | | | 1 |
| A close-up of a screw  Description automatically generated | | **kitronik\_robotics\_board**  \_to\_m6\_bolt  \_x1\_42m | | | 1 |
| ~~A purple object with a round object on it  Description automatically generated~~ | **~~battery\_holder\_aaa~~**  ~~\_to\_m6\_bolt~~ | | ~~1~~ | * ~~Superglue battery~~ | |