**ChapR Kit Instructions**

**Last Updated 10/19/2014**

To make a ChapR kit, put the following items into a Ziploc-style bag:

* 2 Diodes (red, translucent, resistor-shaped)
* 1 Green LED
* 1 Blue LED
* 1 3904 Transistor (tiny text on transistor says 3904)
* 1 3906 Transistor (tiny text on transistor says 3906)
* 1 VDIP
* Resistors:

|  |  |
| --- | --- |
| Quantity | Resistance (Ω) |
| 1 | 100 |
| 2 | 470 |
| 1 | 1.5K |
| 6 | 10K |
| 4 | 19.1K |

* 1 Printed Circuit Board
* 2 12 Pin Header
* 1 6 Pin Header
* 2 2 Pin Header
* 1 Speaker
* 1 RN-42
* 1 Arduino
* 1 Red Button
* 1 Black Button
* 3 Board Screws
* 1 9V Snap