Photo of board here

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  | **5V** | **Gnd** |  |  |  |  |  |  |  |
| **6V** |  | Wire 4 | Wire 5 |  | Out+ |  | Out+ | Bat- |  |  |  | Swi | Swi | Bat+ | **7.4 V** |
|  |  |  |  |  |  |  |  |  |  | In+ | In+ | Swi | Swi |  |  |
|  | Head- |  |  | - | Wire 1 |  | Wire 2 | Wire 1 |  | Wire 2 |  | + |  |  |  |
|  | Head+ | Wire 4 |  |  |  |  |  | In- |  |  |  |  |  |  |  |
|  | Head |  |  | D11 |  |  |  | In- |  |  |  | A2 |  | Spare |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Wire 3 | Swi | D10 |  |  |  | Swi |  |  |  | A1 |  | Wire 9 |  |
|  |  |  |  |  |  |  |  | Out- |  |  |  |  |  |  |  |
|  | Head |  |  | D9 |  |  |  | Out- |  |  |  | A0 |  | Head |  |
|  | Head+ |  | Wire 5 |  |  |  | Wire 7 |  |  |  | Wire 7 |  |  | Head+ |  |
|  | Head- |  |  | Wire 6 |  |  |  | Wire 6 |  |  | Wire 8 |  |  | Head- |  |
|  |  | Wire 3 | 1k Res |  |  |  | 1k Res | Wire 8 |  |  |  |  |  |  |  |
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|  |  | 10k R |  |  | But |  |  | Wire 9 |  | But |  |  |  | Wire 9 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Wir 10 | But |  | Wir 10 |  |  | But |  |  |  |  |  |
|  |  | 10k R |  | Wir 11 |  |  |  | Wir11 |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Power Switch

5V Regulator

6V Regulator

Battery

Servo #1

Servo #2

EMG Sensor

Button

10kOhm Resistor

1kOhm Resistor

Lock Switch

Arduino