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| Connections | Connections |
| Arduino Pin 45 | Logic Shifter HV1 |
| Raspberry Pi Pin 7 | Logic Shifter LV1 |
| LV pin of Logic Shifter | 3.3V pin of Raspberry Pi |
| GND on LV side of Logic Shifter | GND of Raspberry Pi |
| HV Pin of Logic Shifter | Arduino 5V pin |
| GND on HV side of Logic Shifter | GND of Arduino |
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