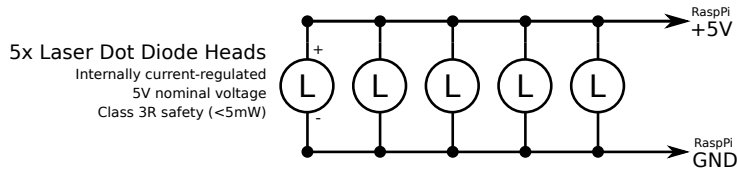


Circuits and Connections for the Five-String Laser Harp

Diagrams created by Scott Feister on March 7, 2018 for the middle school Laser Harp project.

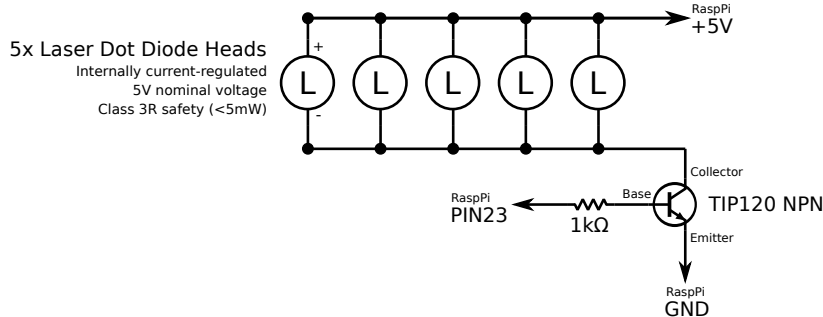
Laser Fast-Check Circuit

This circuit is for testing that your lasers work properly, before building the Laser Control Circuit.



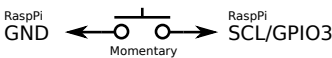
Laser Control Circuit

This circuit lets the Pi control whether the lasers are on or off.



Power Button Circuit

This circuit connects the power pushbutton to the Pi.



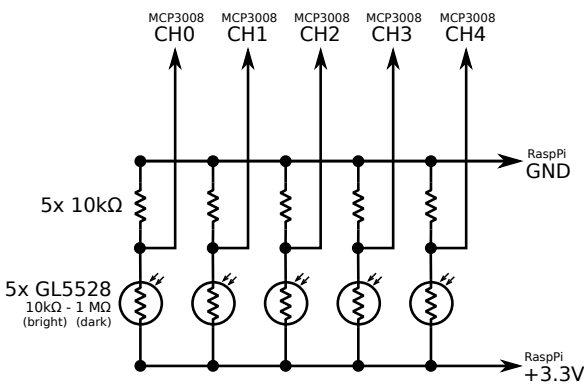
Calibration Button Circuit

This circuit connects the calibration pushbutton to the Pi.



Photoresistor Circuit

This circuit converts photoresistor resistance into measurable voltage.
Photoresistor resistance changes depending on incident light.



MCP3008 Connections Diagram

Enables Pi to take voltage measurements.
MCP3008 is an analog-to-digital converter (ADC).

