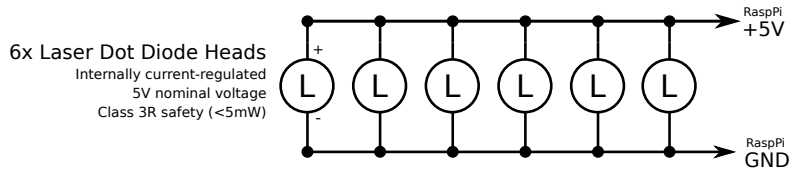


Circuits and Connections for an Example Laser Guitar (examples/guitar.py)

Diagrams created by Scott Feister on January 15, 2020 for the middle school Laser Harp project.
This guitar has six strings and four chord buttons.

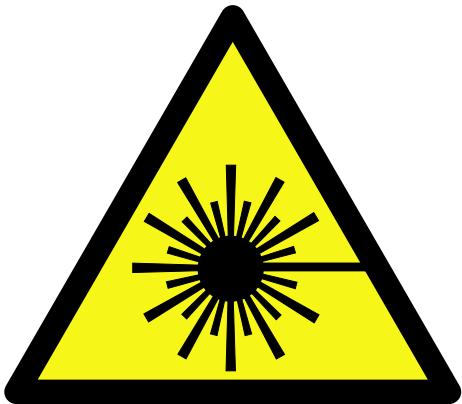
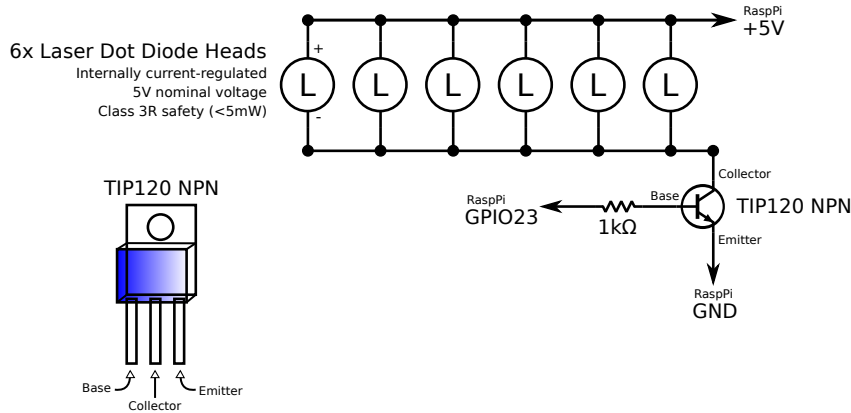
Laser Fast-Check Circuit

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.

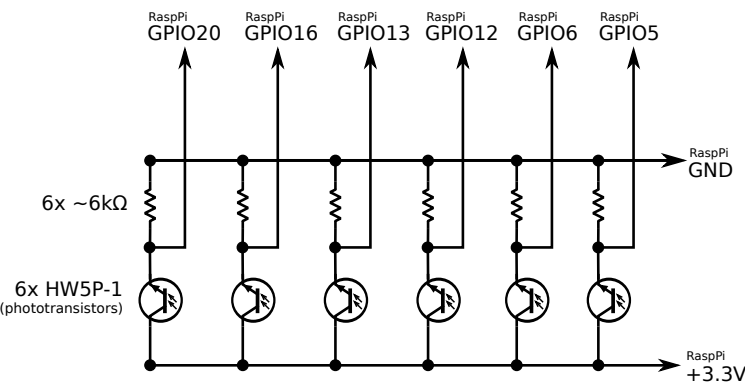


LASER RADIATION

Adult Supervision Required
Read Laser Safety Guide
Before Proceeding!

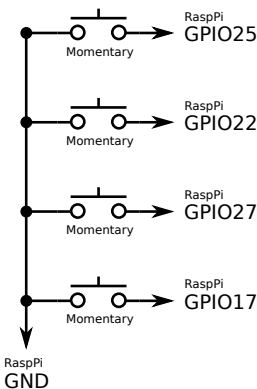
Phototransistors Circuit

This circuit converts phototransistor resistance into a measurable voltage.
Phototransistor's effective resistance changes depending on incident light.



Chord Buttons Circuit

This circuit connects the four chord buttons to the Pi.



Power Button Circuit

This circuit connects the power pushbutton to the Pi.

