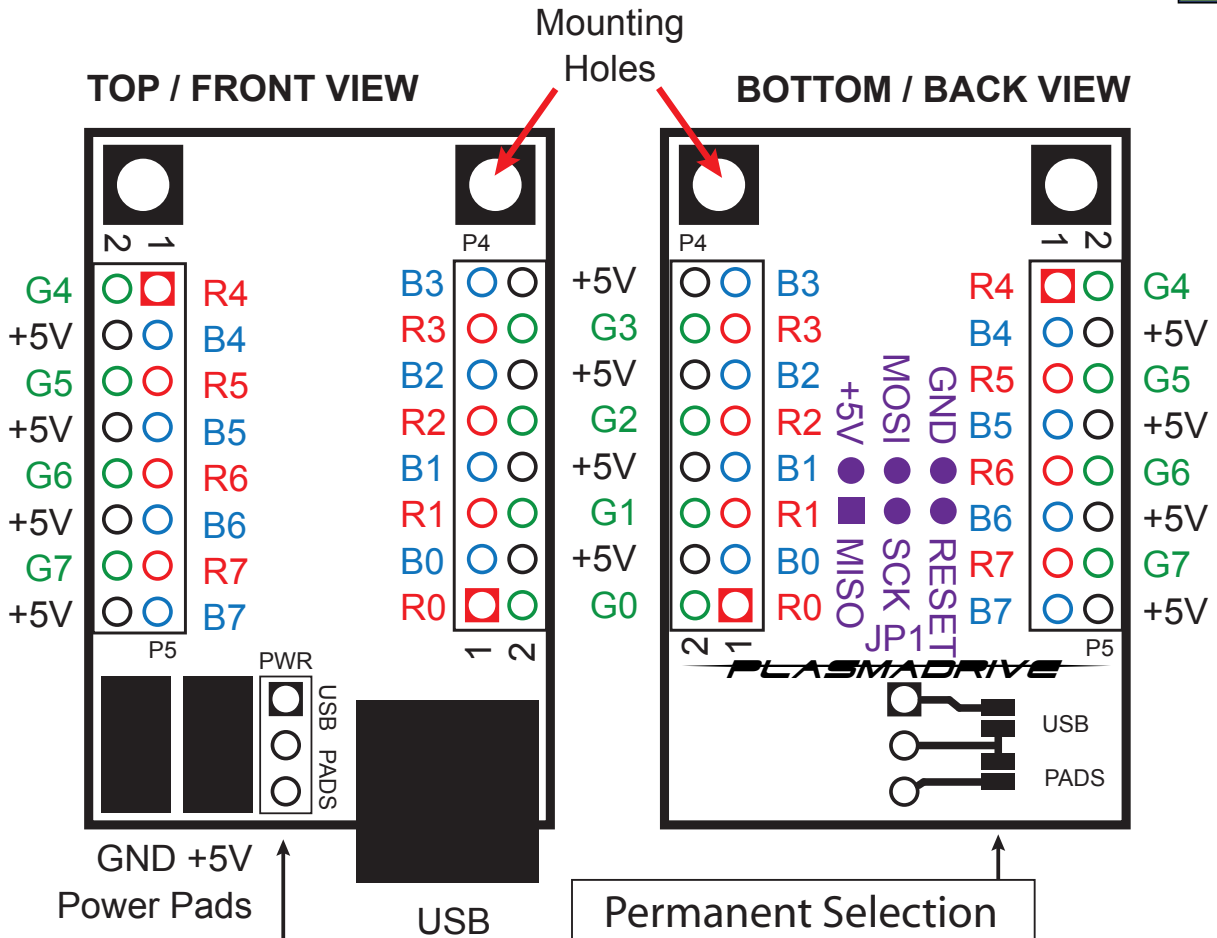


# PLASMA DRIVE

Model: PD-V1-24



**Optional Power Select Jumper**  
Solder header pins in place if you wish to change the power source occasionally. Position the jumper across the pins as needed to select the desired power source.

USB PADS

**Permanent Selection of Power Source**  
Create a solder bridge across one pair of pads to select the power source permanently as either USB or the larger Power Pads on the top/front side of the PlasmaDrive.

**Legend:**

- Red Out (#)
- Green Out (#)
- Blue Out (#)
- +5Volt DC
- Pin 1

**CAUTION:** To prevent risk of fire, explosion, or damage:

Solder only between one set of pads to select the power source. Operate device with only one power source at a time. Remove jumper and pins when using solder pads to select the power. Do not short the outputs or power sources together.

## LED Output Connections

To connect LEDs to the outputs of the PlasmaDrive, either solder wires directly to the PCB, or use dual inline header connectors, which can be soldered into the provided holes for P4 and P5. While the connections are listed as R,G, and B, it is not necessary to use RGB LEDs. You may use any color or style of LED compatible with the output characteristics of this device.