

## **Power Drive Controls**

1846 Santo Domingo  
Camarillo, CA 93012  
U. S. A.

[www.pdcontrol.com](http://www.pdcontrol.com)

---

### **Laser and Heater Driver Board for Osram PL530 Laser Model: LH-38**

The driver board consists of 2 PID close loop circuits to control laser and heater currents for Osram lasers. It is a basic and simple solution for Osram Opto PL-530 laser diodes without using temperature controls.

#### **Features:**

1. Small size, easy to use with stabilized laser and heater currents
2. The laser current can be controller up to 460 mA.
3. The heater current can be controlled up to 100 mA for 30 ohm heater.
4. Input DC voltage: +5 VDC (+/- 0.5V), 2 Amp.
5. The laser and heater currents are controlled by 2 on-board potentiometers or external control signals over 8 pin header.
6. Red/Green LED displays Power/Laser Enable status.
7. Board Size: 38 mm x 29 mm

