

Power Drive Controls

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Laser Heater and TEC Driver Board Model: LHT-72-52

The driver board consists of 3 PID close loop circuits to control laser and heater currents as well as TEC temperature. It is an ideal solution for Osram OptoPL-530 laser diodes that built with the heater and TEC butterfly (or non-butterfly) type laser sources.

Features:

1. Small size, easy to use with stabilized current and temperature controls
2. The laser current can be set up to 460 mA.
3. The heater current can be set up to 100 mA for 30 ohm heater.
4. The TEC temperature can be set from 20C to 40C.
5. Input DC voltage: +5 VDC (+/- 0.5V), 2 Amp.
6. The laser current, heater current, and temperature are set by 3 on-board potentiometers
7. Two Red/Green LEDs display Temperature Good and Laser Enable status.
8. Board Size: 72 mm x 52 mm

