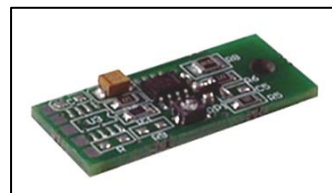




EU-38-PD

TECHNICAL DATA



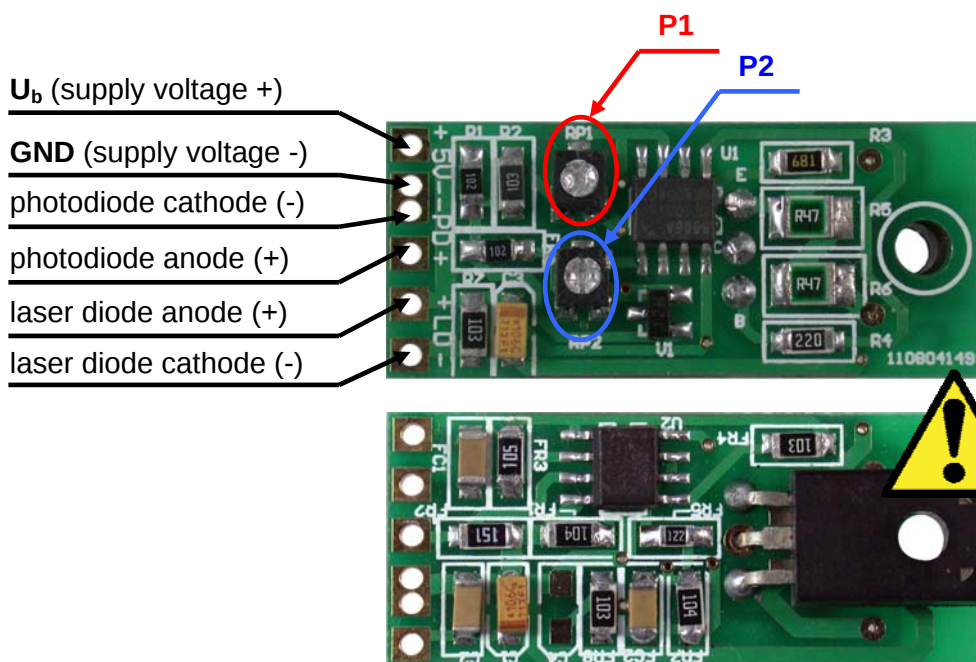
Laser Diode Driver

Features

- supported laser diodes : n-type, m-type, p-type
- adjustable monitor current
- adjustable laser diode current
- laser diode output power independent from supply voltage

Specification

- dimension: 35 x 15 mm² (+/- 0.5 mm)
- supply voltage: 4.0 - 5.0 VDC
- max laser diode current: 1 A



CAUTION

for high currents
use a heat sink
transistor gets hot

P1: trim pot for laser diode current adjustment
→ turn left = laser diode current increase
→ turn right = laser diode current decrease

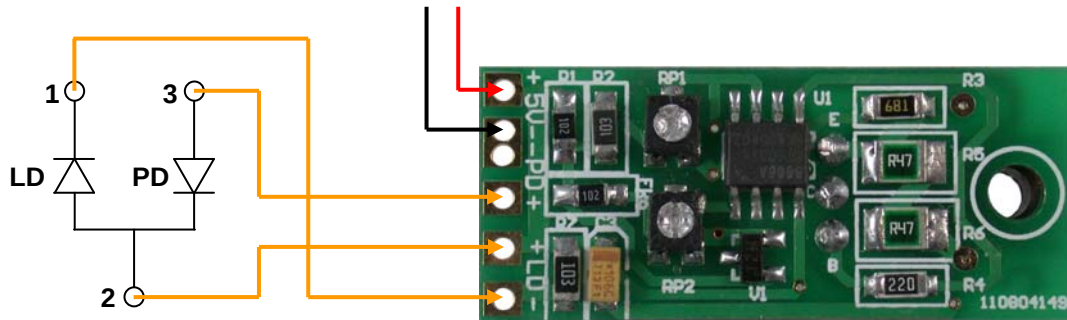
P2: trim pot for monitor current adjustment
→ turn left = monitor current increase
→ turn right = monitor current decrease

Note: P1 and P2 are trim pots which can be turned clockwise and counterclockwise slowly to the end points. The trim pot can be damaged, if you keep on turning it at the end points !

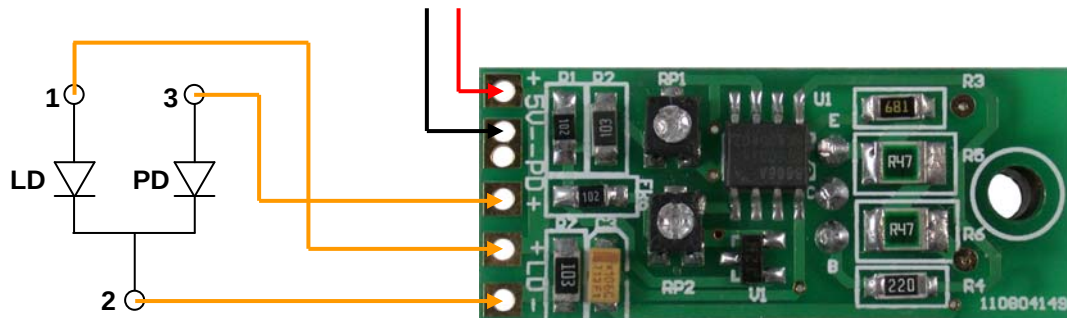


Pin Configuration

n-type



m-type



p-type

