

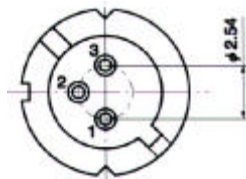
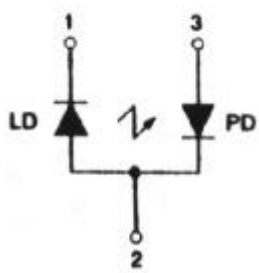
# iC-WK2D

LASERDIODE DRIVER PCB for n-type laser diodes

## TECHNICAL DATA:

- dimension: 6.5 x 20.0 mm<sup>2</sup>
- supply voltage: min. 2.4 - 6.0 VDC
- laserdiode current up to 60 mA
- laser diode constant power regulation
- monitor photo diode current: 10  $\mu$ A ... 2.5 mA
- laserdiode optical power adjustable
- laser diode soft start circuit
- supply voltage transient suppression circuit
- laserdiode optical power independent from supply voltage
- low noise

## LASERDIODE PINNING:

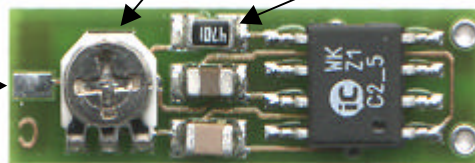


- 1) laserdiode cathode
- 2) laserdiode anode and photodiode cathode
- 3) photodiode anode

laserdiode optical power adjustment  
turn left = more power

shunt this 4k7 resistor for higher monitor currents

laser diode anode  
photo diode cathode



**Ub**  
(supply voltage +)

**GND**  
(supply voltage -)

laser diode cathode  
photo diode anode



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