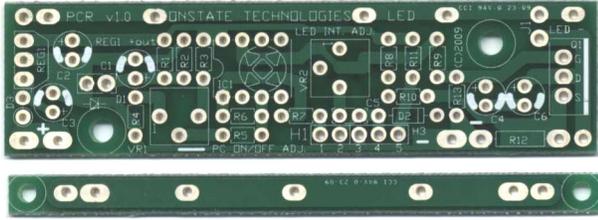


PCR LED Controller



The PCR is a high-quality, multi-purpose LED controller with photocell and current regulator PCB for LED lighting applications. It has a photocell and a linear LED current regulator circuit to automatically control a LED array for day/night operation. The PCB is a double-sided and through-hole design using thick copper pads for high reliability and performance.

Features:

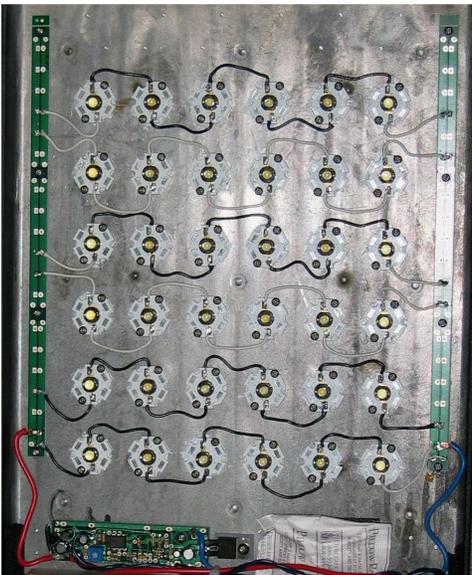
- Compact size
- through-hole, double-sided PCB
- thick copper traces and pads (silver plating)
- High performance design for LED applications
- Bus trace lines for LED power connections.
- Mounting holes
- Multi-purpose, integrated design

Benefits:

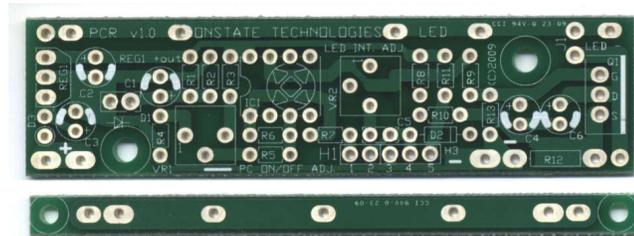
- Reduce design and assembling time.
- Extends LED life.

Applications:

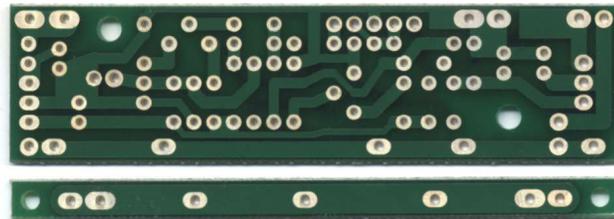
- Landscape and area lighting
- LED controller
- Replace old photocell/LED controllers.
- Configurable for external LED/electronic uses



PCR module connected to LED array.
 Auto on/off and LED current regulator.



TOP SIDE



BOTTOM SIDE

Top and bottom sides of PCR PCB.
 Detachable bus bar for LED connections.

Technical Specifications:

Printed circuit board:

| | |
|-------------|------------------|
| Thickness: | 1/16" |
| Material: | FR4 glass fibre |
| Plating: | 2 oz copper |
| Layers: | Double-sided |
| Finish: | Silver-plating |
| Soldermask: | Green both sides |
| Routing: | V-Scored |

Dimension:

PCB- 3.8"x0.82"

Bus bar-3.8"x0.22"

Weight:

6 grams (0.21 Oz)

Soldering:

Through-hole plated

Mounting hole:

2x0.15", 2x 0.1" holes.

Compliance:

ROHS, lead-free power

