

one from 1st output, which is pin 3, 2, 4 and 7. When reaching pin 10, output will then move to pin 3 and further as per IC 555 connection. When output is moving to 4th position and return backward to upper row, so that LED can run back. R  $330\Omega$  is voltage drop for each LED.

## PCB assembly:

Shown in Figture 3 is the assembled PCB. Starting with the lowest height components first, taking care not to short any tracks or touch the edge connector with solder. Some tracks run under components, and care should be taken not to short out these tracks. All components with axial leads should be carefully bent to fit the position on the PCB and then soldered into place. Make sure that the electrolytic capacitors are inserted the correct way around. The LED has a flat spot on the body which lines up with the line on the overlay. Now check that you really did mount them all the right way round!



