

## **General Description**

The ADT5500 is a visible Light Sensor which incorporates photo diode and current amplifier in a single chip.

It can be used as the power-saving control for backlighting for displays in cellular phones, this device enables low power consumption to be achieved.

## **Features**

- Excellent output linearity of illumination
- High sensitivity in visible Light, but little sensitivity in others (UV,IR)
- Integrated UV/IR Filter

## **Application**

- LCD TV, LCD Monitor
- Mobile Phones
- Notebook, PDA
- Video Camera, Digital Still Camera
- Other Equipment requiring Luminosity Adjustment

*\* This specifications are subject to be changed without notice*