



■ DESCRIPTION

AA2100 is a visible light sensor with adjustable output switch. It consists of a light sensor, a current amplification circuit and adjustable output switch. It is sensitive to visible light much like the human eye and has peak sensitivity at 520 nm.

AA2100 is a chip with high infrared immunity. The application can be used in the security, vehicle and so on to detect light intensity and output on/off signal based on light level input.

■ FEATURES

- Operating Voltage, +3V~+15V
- Excellent infrared immunity
- Light threshold adjustable function
- Good output linearity across light intensity
- Good temperature stability
- RoHS compliant and complete CdS replaceable
- Dark-current cancellation

■ APPLICATIONS

- Security camera to detect ambient light and turn on/off IR LED
- Vehicle, home appliance, toys and consumer electronics for auto night mode control

■ BLOCK DIAGRAM

