**ARRANGEMENT OF PIXELS**

The RJ3341AA0PB is a 1/3-type (6.0mm) solid-state image sensor that consists of PN photo-diodes and CCDs (charge-coupled devices) with approximately 610k pixels (horizontal 1028 × vertical 596). The sensor provides a stable high-resolution color image and high sensitivity including near-infrared region.

**Applications**

- Cameras
  - (Security cameras, Camcorders, Industrial monitor cameras, etc.)
- Pattern recognition

**Features**

- Number of image pixels 976H × 582V
- Sensitivity 1500mV @F4 1000lx with a 90% reflector
- Smear ratio -120dB
- Frame rate 60frames/s @36MHz
- Color filter Mg/G/Cy/Ye
- Supply Voltages +15V/+3.3V/-8V
- Ambient operating temperature -20°C to +70 ºC
- Package 16pinDIP(plastic)
- Reflow RJ3341AA0LT with reflovable package

**System Configuration**

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