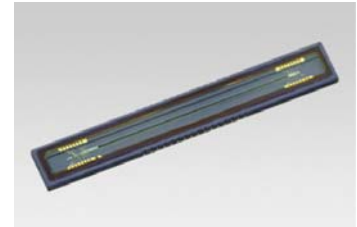


## TCD2964BFG

21360 elements x 6 line CCD color image sensor. The sensor is designed for scanner.



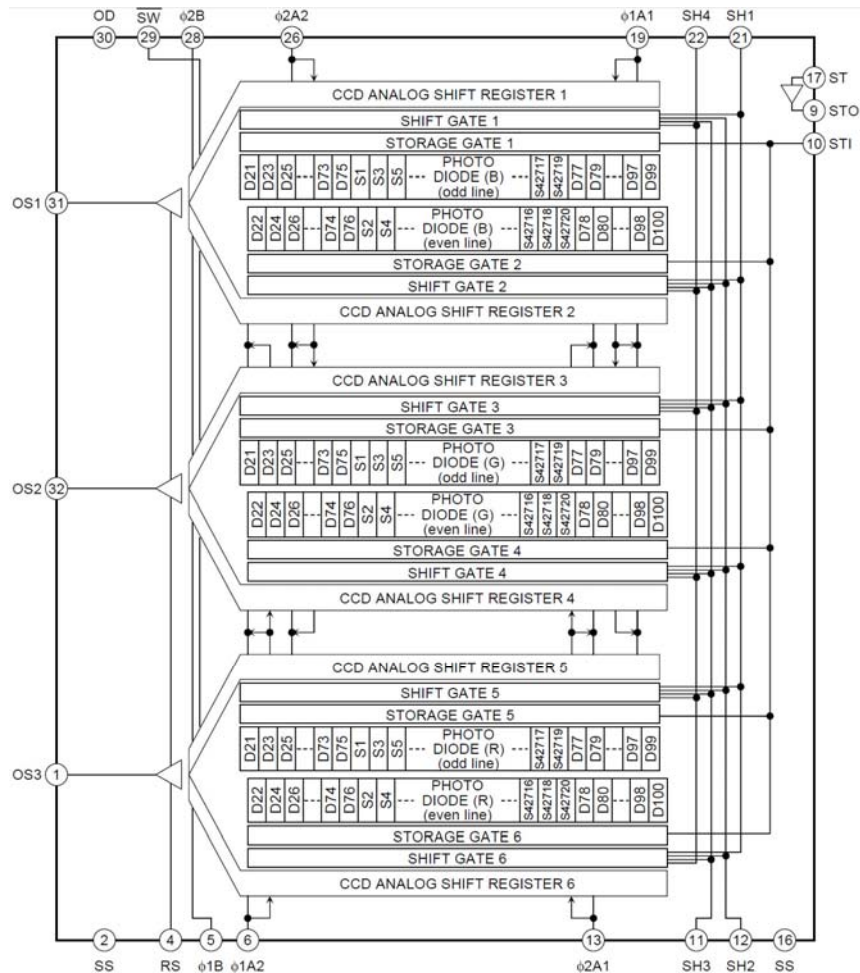
The TCD2964BFG is a high sensitive and low dark current 21360 elements x 6 line CCD color image sensor. The sensor is designed for scanner.

The device contains a row of 21360 elements x 6 line staggered photodiodes which provide a 192 lines/mm (4800DPI) across a A4 size paper. The device is operated by 5 V pulse and 12 V power supply.

### ■ Features

- Number of Image Sensing Elements: 21360 elements x 6 line
- Image Sensing Element Size: 2 μm by 4 μm on 2 μm centers
- Photo Sensing Region: High sensitive and low dark current PN photodiode
- Distance between Photodiode Array
  - : 64 μm (32 lines), Red line-Green line, Green line-Blue line
  - : 6 μm (3 lines), Odd line-Even-line
- Clock: 2 phase (5 V)
- Power Supply: 12 V Power Supply Voltage
- Package: 32 pin CLCC
- Color Filter: Red, Green, Blue
- Overflow drain for antiblooming

## Circuit Diagram



» For further information about Toshiba Sensors, please visit  
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