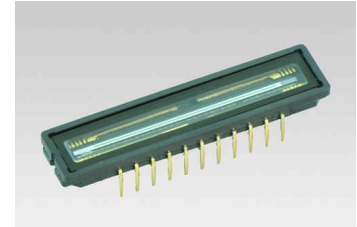


CCD Linear Image Sensor

CCD (Charge Coupled Device)

TCD1304DG

3648-elements, embedded electronic shutter function, for barcode scanner.



The TCD1304DG is a high sensitive and low dark current 3648-elements linear image sensor. The sensor can be used for POS scanner.

The device consist of sensitivity CCD chip. The TCD1304DG has electronic shutter function (ICG). Electronic shutter funtion can keep always output voltage constant that vary with intensity of lights.

■ Features

- ▶ Number of Image Sensing Elements: 3648
- ▶ Image Sensing Element Size: 8 μm \times 200 μm
- ▶ Photo Sensing Region: High sensitive and low dark current pn photodiode
- ▶ Internal Circuit: CCD timing generation
- ▶ Power Supply: Only 3.0 V Drive (Min)
- ▶ Function: Electronic Shutter (ICG), Sample and Hold Circuit
- ▶ Package: 22 pin cerdip

» For further information about Toshiba Sensors, please visit

<http://www.semicon.toshiba.co.jp/eng/product/sensor/index.html>

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