

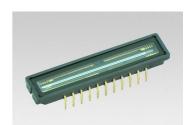
CCD Linear Image Sensor

CCD (Charge Coupled Device)

TCD1205DG

2048-elements, embedded electronic shutter function, for barcode scanner.





The TCD1205DG is a high sensitive and low dark current 2048–elements linear image sensor. The sensor can be used for POS handscanner. The device is operated by only 5 V power supply, and mounted in 22–pin cerdip package with hermetic sealed optical glass window. The TCD1205DG has electronic shutter function (ICG). Electronic shutter function can keep always output voltage constant that vary with the intensity of lights.

Features

- Number of Image Sensing Elements: 2048
- Image Sensing Element Size: 14 μm by 200 μm on 14 μm centers
- ▶ Photo Sensing Region: High sensitive and low dark current pn photodiode
- Clock: 2 phase (5 V)
- Function: Electronic shutter (ICG)
- 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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