

## 2048-pixel CCD Linear Sensor (B/W)

### Description

The ILX751B is a reduction type CCD linear sensor designed for facsimile, image scanner and OCR use. This sensor reads B4 size documents at a density of 200DPI (Dot Per Inch). Featuring a shutter function, correspondences with the sensitivity correction, etc, is possible. A built-in timing generator and clock-drivers ensure direct drive at 5V logic for easy use.

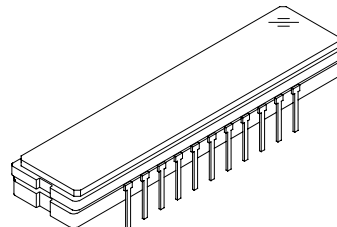
### Features

- Number of effective pixels: 2048 pixels
- Pixel size:  $14\mu\text{m} \times 14\mu\text{m}$  ( $14\mu\text{m}$  pitch)
- Built-in timing generator and clock-drivers
- Shutter function
- Ultra low lag
- Maximum clock frequency: 5MHz

### Absolute Maximum Ratings

- |                         |           |            |    |
|-------------------------|-----------|------------|----|
| • Supply voltage        | $V_{DD1}$ | 11         | V  |
|                         | $V_{DD2}$ | 6          | V  |
| • Operating temperature |           | -10 to +55 | °C |
| • Storage temperature   |           | -30 to +80 | °C |

22 pin DIP (Cer-DIP)



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