



## Product Overview

### KAI-0373: Interline Transfer CCD Image Sensor, WVGA

For complete documentation, see the [data sheet](#)

#### Product Description

The KAI-0373 is a high-performance silicon charge-coupled device (CCD) designed for video image sensing and electronic still photography. The device is built using an advanced true two-phase, double-polysilicon, NMOS CCD technology. The p+nnpn-photodetector elements eliminate image lag and reduce image smear while providing antiblooming protection and electronic-exposure control. The total chip size is 9.9 (H) mm x 7.7 (V) mm. The KAI-0373 comes in monochrome and color versions, both with microlens for sensitivity improvement.

#### Features

- High resolution
- High sensitivity
- High dynamic range
- Low noise architecture
- High frame rate
- Binning capability for higher frame rate
- Electronic shutter

#### Applications

- Intelligent Transportation Systems
- Surveillance

#### Part Electrical Specifications

Product	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (μm)	Color	Package Type
KAI-0373-AAA-CP-BA	Pb-free Halide free	Active	Interline CCD	WVGA	30	2/3 inch	Electronic	11.6 x 13.6	Mono	CDIP-24
KAI-0373-ABA-CB-AE	Pb-free Halide free	Active	Interline CCD	WVGA	30	2/3 inch	Electronic	11.6 x 13.6	Mono	CDIP-24
KAI-0373-ABA-CB-BA	Pb-free Halide free	Active	Interline CCD	WVGA	30	2/3 inch	Electronic	11.6 x 13.6	Mono	CDIP-24
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For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

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