

KAF-6303

Full Frame CCD Image Sensor, 6.3 MP

Product Overview

For complete documentation, see the data sheet.

EOL has been announced for this device

The KAF-6303 Image Sensor is a high performance CCD (charge-coupled device) with 3072H x 2048V photo active pixels designed for a wide range of image sensing applications.

The sensor incorporates true two-phase CCD technology, simplifying the support circuits required to drive the sensor as well as reducing dark current without compromising charge capacity. The sensor also utilizes a Transparent Gate Electrode to improve sensitivity compared to the use of a standard front side illuminated polysilicon electrode.

Features

- True Two Phase Full Frame Architecture
- Transparent Gate Electrode for high sensitivity
- 100% Fill Factor
- Low Dark Current

Applications

- Medical
- Scientific