

XGS 3000

CMOS Image Sensor, 3.2 MP, Global Shutter

Product Overview

For complete documentation, see the data sheet.

The device provides high resolution, global shutter imaging with high readout speed for industrial imaging customers. A compact package design and low power footprint make the device compatible with a 29 x 29 mm2 camera footprint. The XGS 3000 shares a common design and footprint with other members of the XGS family, allowing one camera design to support multiple resolutions to simplify and speed time to market for new camera designs. The XGS 3000 is available in a 163-pin iLGA package in both monochrome and Bayer color configurations.

Features

- Energy efficient design
- Advanced 3.2 μm global shutter pixel
- Compact package

Applications

- Image Capture

Benefits

- Reduced power and thermal footprints
- High resolution with high image quality and uniformity
- Compatible with 29 x 29 mm2 camera design

End Products

- Industrial cameras and systems
- Inspection system (food, bottles, recycling labels, etc.)
- Intelligent Transportation Systems (ITS)
- Security cameras and systems
- Machine Vision camera

Part Electrical Specifications												
Product	Pricing (\$/Unit)	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (μm)	Output Interface	Color	Package Type
NOIX4SF3000B-LTI		<div><div>Pb</div><div>H</div></div>	Active									ILGA163 16x16
NOIX4SP3000B-LTI		<div><div>Pb</div><div>H</div></div>	Active									ILGA163 16x16