

产品概览

XGS 3000: CMOS Image Sensor, 3.2 MP, Global Shutter

欲看完整文档，请参阅数据表。

Advance Information

The XGS 3000 is a 3.2 Mp (2592 x 2048) CMOS image sensor in 1.2 inch optical format, supporting up to 57 frames per second readout with 12-bit output at full resolution.

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.

特性

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

应用

- Image Capture

优势

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

终端产品

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

器件电气规格

产品	Pricing (\$/Unit)	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (μm)	Output Interface	Color	Package Type
NOIX5SE3000B-LTI-E		Pb-free	Active	CMOS	3.2	57	1.2 inch	Global Shutter	3.2 x 3.2	HiSPi™	Bayer Color	iLGA163 16x16
		Halide free										
NOIX5SN3000B-LTI-E		Pb-free Halide free	Active	CMOS	3.2	57	1.2 inch	Global Shutter	3.2 x 3.2	HiSPi™	Mono	iLGA163 16x16

欲了解更多信息，请联系您当地的销售支援 www.onsemi.cn。

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