

产品概览

XGS 5000: CMOS Image Sensor, 5.3 MP, Global Shutter

欲看完整文档，请参阅数据表。

Advance Information

The XGS 5000 is a 5.3 Mp (2592 x 2048) CMOS image sensor in 2/3 inch optical format, supporting up to 132 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. Two speed grades are available to match device output to key computer interfaces and application requirements.

The XGS 5000 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 5000 is available in a 163-pin iLGA package in both monochrome and Bayer color configurations.

特性

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

应用

- Image Capture

优势

- High resolution with high image quality and uniformity
- Reduced power and thermal footprints
- Compatible with 29 x 29 mm² camera design
- Match to key computer interfaces and application requirements

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
NOIX4SE5000B-LTI-E		Pb-free	Active	CMOS	5.3	132	2/3 inch	Global Shutter	3.2 x 3.2	HiSPi™	Bayer Color	iLGA163 16x16
		Halide free										
NOIX4SN5000B-LTI-E		Pb-free	Active	CMOS	5.3	132	2/3 inch	Global Shutter	3.2 x 3.2	HiSPi™	Mono	iLGA163 16x16
		Halide free										

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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