

产品概览

XGS 12000: CMOS 图像传感器，12.6 MP，全局快门

欲看完整文档，请参阅数据表。

XGS 12000 是一款 12.6 Mp (4096 x 3072) CMOS 图像传感器，具有 1" 光学格式，最高支持全分辨率下的每秒 90 帧读取。该器件提供高分辨率、全局快门成像和高读取速度，适用于工业成像客户。紧凑型封装设计和低功耗占位使得该器件可兼容 29 x 29 mm² 摄像头面积。提供两种速度等级，可将器件输出与重要计算机接口和应用要求相匹配。XGS 12000 与 XGS 系列的其他成员具有相同的设计和占位，因此一种摄像头设计可支持多种分辨率，简化并加快了新摄像头设计的上市时间。XGS 12000 以单色和拜耳彩色配置采用 163 引脚 LGA 封装。

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.)
- 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
NOIX1SE012KB-LTI		Pb-free	Active	CMOS	12.6	90	1 inch	Global Shutter	3.2 x 3.2	HiSPi™	Bayer Color	CLGA-163
		Halide free										
		non AEC-Q and PPAP										
NOIX1SE012KB-LTI1		Pb-free	Active	CMOS	12.6	90	1 inch	Global Shutter	3.2 x 3.2	HiSPi™	Bayer Color	CLGA-163
		Halide free										
		non AEC-Q and PPAP										
NOIX1SF012KB-LTI		Pb-free	Active	CMOS	12.6	90	1 inch	Global Shutter	3.2 x 3.2	HiSPi™	Bayer Color	CLGA-163
		Halide free										
		non AEC-Q and PPAP										
NOIX1SF012KB-LTI1		Pb-free	Active	CMOS	12.6	90	1 inch	Global Shutter	3.2 x 3.2	HiSPi™	Bayer Color	CLGA-163
		Halide free										
		non AEC-Q and PPAP										
NOIX1SN012KB-LTI		Pb-free	Active	CMOS	12.6	90	1 inch	Global Shutter	3.2 x 3.2	HiSPi™	Mono	CLGA-163
		Halide free										
		non AEC-Q and PPAP										
NOIX1SN012KB-LTI1		Pb-free	Active	CMOS	12.6	90	1 inch	Global Shutter	3.2 x 3.2	HiSPi™	Mono	CLGA-163
		Halide free										
		non AEC-Q and PPAP										
NOIX1SN012KB-XWI		Pb-free	ProductP review									
		Halide free										
		non AEC-Q and PPAP										
NOIX3SE012KB-LTI		Pb-free	Active	CMOS	12.6	27	1 inch	Global Shutter	3.2 x 3.2	HiSPi™	Bayer Color	CLGA-163
		Halide free										
		non AEC-Q and PPAP										
NOIX3SE012KB-LTI1		Pb-free	Active	CMOS	12.6	27	1 inch	Global Shutter	3.2 x 3.2	HiSPi™	Bayer Color	CLGA-163
		Halide free										
		non AEC-Q and PPAP										
NOIX3SN012KB-LTI		Pb-free	Active	CMOS	12.6	27	1 inch	Global Shutter	3.2 x 3.2	HiSPi™	Mono	CLGA-163
		Halide free										
		non AEC-Q and PPAP										
NOIX3SN012KB-LTI1		Pb-free	Active	CMOS	12.6	27	1 inch	Global Shutter	3.2 x 3.2	HiSPi™	Mono	CLGA-163
		Halide free										
		non AEC-Q and PPAP										

欲了解更多信息，请联系您当地的销售支援 www.onsemi.cn。

创建于：5/28/2021