

产品概览

AR0239: CMOS 图像传感器, 2.3 MP, 1/2.7"

欲看完整文档, 请参阅数据表。

安森美半导体的 AR0239 是一款 1/2.7 英寸 CMOS 数字图像传感器, 带有 1936 (H) × 1188 (V) 有效像素阵列。它能在线性或高动态模式下捕捉图像, 且带有卷帘快门读取。它包含了多种复杂的摄像功能, 如像素内装仓、开窗, 以及视频和单帧模式。它适用于低光度和高动态范围场景性能。它可通过一个简单的双线串行接口进行编程。AR0239 可产生非常清晰、锐利的数字图像, 并且能够同时捕捉连续视频和单帧图像, 适用于监控和高清视频等多种应用。

特性

- 2.3Mp at 90 fps for Excellent Video Performance
 - Small Optical Format (1/2.7-inch)
 - 1080p Mode for 16:9 Video
 - Superior Low-light Performance
 - 3.0um large Back Side Illuminated Pixel Technology
 - Supports Line Interleaved T1/T2/T3 Readout to Enable HDR Processing in ISP Chip at 1080P and 30fps
 - On-chip Phase-locked Loop (PLL) Oscillator
 - Integrated Color and Lens Shading Correction
 - Slave Mode for Precise Frame-rate Control
 - Data Interfaces: - HiSPi (SLVS) - 4 Lanes - MIPI CSI-2 - 4 Lanes - Parallel
- For more features, see the data sheet

应用

- Video Surveillance
- High Dynamic Range Imaging

终端产品

- Security Camera
- Action camera
- Car DVR
- Body 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
AR0239SRSC00SUEA0-DP		Pb-free Halide free	Active	CMOS	2.3	90	1/2.7 inch	Rolling	3.0 x 3.0	Multi	Bayer Color	IBGA-63
AR0239SRSC00SUEA0-DPBR		Pb-free Halide free	Active	CMOS	2.3	90	1/2.7 inch	Rolling	3.0 x 3.0	Multi	Bayer Color	IBGA-63
AR0239SRSC00SUEA0-DR		Pb-free Halide free	Active	CMOS	2.3	90	1/2.7 inch	Rolling	3.0 x 3.0	Multi	Bayer Color	IBGA-63
AR0239SRSC00SUEA0-DRBR		Pb-free Halide free	Active	CMOS	2.3	90	1/2.7 inch	Rolling	3.0 x 3.0	Multi	Bayer Color	IBGA-63

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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