产品概览

AR0330CM: CMOS Image Sensor, 3 MP, 1/3"

欲看完整文档，请参阅数据表。

ON Semiconductor's focus on pixel performance excellence provides the foundation for this sensor's exceptional image quality with superior color accuracy, low-light sensitivity, and low noise level. This cost-effective CMOS imaging solution enables high speed image capture capabilities, and includes variable functions, including gain, frame rate, and exposure while maintaining low power consumption.

特性

- 2.2 µm pixel with ON Semiconductor A-Pix™ technology
- Full HD support at 60 fps (2304H x 1296V) for maximum video performance
- Superior low-light performance
- 3.4Mp (3:2) and 3.15 Mp (4:3)still images
- Support for external mechanical shutter
- Support for external LED or Xenon flash
- Data interfaces: four-lane serial high-speed pixelinterface (HiSPi™) differential signaling (SLVS), four-lane serial MIPI interface, Parallel
- On-chip phase-locked loop (PLL) oscillator
- Simple two-wire serial interface
- Auto black level calibration
  For more features, see the data sheet

应用

- Security
- Camera

终端产品

- Video Camcorders
- Web Cameras
- Video Conference Cameras
- Security Cameras

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
AR0330CM1C00SHAA0-DP		Pb-free Halide free	Active	CMOS	3.5	60	1/3 inch	Electronic Rolling	2.2 x 2.2	Multi	RGB	CLCC-48
AR0330CM1C00SHAA0-DP1		Pb-free Halide free	Active	CMOS	3.5	60	1/3 inch	Electronic Rolling	2.2 x 2.2	Multi	RGB	CLCC-48
AR0330CM1C00SHAA0-DR		Pb-free Halide free	Active	CMOS	3.5	60	1/3 inch	Electronic Rolling	2.2 x 2.2	Multi	RGB	CLCC-48
AR0330CM1C00SHAA0-DR1		Pb-free Halide free	Active	CMOS	3.5	60	1/3 inch	Electronic Rolling	2.2 x 2.2	Multi	RGB	CLCC-48
AR0330CM1C00SHAA0-TP		Pb-free Halide free	Active	CMOS	3.5	60	1/3 inch	Electronic Rolling	2.2 x 2.2	Multi	RGB	CLCC-48
AR0330CM1C00SHKA0-CP		Pb-free Halide free	Active	CMOS	3.5	60	1/3 inch	Electronic Rolling	2.2 x 2.2	Multi	RGB	ODCSP-64
AR0330CM1C00SHKA0-CR		Pb-free Halide free	Active	CMOS	3.5	60	1/3 inch	Electronic Rolling	2.2 x 2.2	Multi	RGB	ODCSP-64
AR0330CM1C12SHAA0-DP		Pb-free Halide free	Active	CMOS	3.5	60	1/3 inch	Electronic Rolling	2.2 x 2.2	Multi	RGB	CLCC-48
AR0330CM1C12SHAA0-DP1		Pb-free Halide free	Active	CMOS	3.5	60	1/3 inch	Electronic Rolling	2.2 x 2.2	Multi	RGB	CLCC-48
AR0330CM1C12SHAA0-DR		Pb-free Halide free	Active	CMOS	3.5	60	1/3 inch	Electronic Rolling	2.2 x 2.2	Multi	RGB	CLCC-48
AR0330CM1C12SHAA0-DR1		Pb-free Halide free	Active	CMOS	3.5	60	1/3 inch	Electronic Rolling	2.2 x 2.2	Multi	RGB	CLCC-48
AR0330CM1C12SHKA0-CP		Pb-free Halide free	Active	CMOS	3.5	60	1/3 inch	Electronic Rolling	2.2 x 2.2	Multi	RGB	ODCSP-64
AR0330CM1C12SHKA0-CR		Pb-free Halide free	Active	CMOS	3.5	60	1/3 inch	Electronic Rolling	2.2 x 2.2	Multi	RGB	ODCSP-64
AR0330CM1C12SUD20		Pb-free Halide free	Active	CMOS	3.5	60	1/3 inch	Electronic Rolling	2.2 x 2.2	Multi	RGB	
AR0330CM1C21SHKA0-CP		Pb-free Halide free	Active	CMOS	3.5	60	1/3 inch	Electronic Rolling	2.2 x 2.2	Multi	RGB	ODCSP-64
AR0330CM1C21SHKA0-CR		Pb-free Halide free	Active	CMOS	3.5	60	1/3 inch	Electronic Rolling	2.2 x 2.2	Multi	RGB	ODCSP-64
AR0330CM1C21SUD20		Pb-free Halide free	Active	CMOS	3.5	60	1/3 inch	Electronic Rolling	2.2 x 2.2	Multi	RGB	
AR0330CM1C25SUD20		Pb-free Halide free	Active	CMOS	3.5	60	1/3 inch	Electronic Rolling	2.2 x 2.2	Multi	RGB	

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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