



Product Overview

AR0130CS: 1.2 MP 1/3" CMOS Image Sensor

For complete documentation, see the [data sheet](#)

Product Description

This 1/3-inch optical format HD (720p/60fps) sensor provides high performance with its proven 3.75- μ m pixel for mainstream surveillance cameras. The sensor enables OEMs to create cameras with day/night operating modes due to the low light (0 lux) sensing capabilities of the pixel that was engineered for enhanced near infrared (NIR) detection. For NIR applications the sensor provides increased sensitivity to lessen LED lighting requirements.

Applications

- Camera
- Security
- Scanning

Part Electrical Specifications

Product	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (μ m)	Color	Package Type
AR0130CSSC00SPBA 0-DP	Pb-free Halide free	NEW	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	RGB	PLCC-48
AR0130CSSC00SPBA 0-DR	Pb-free Halide free	NEW	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	RGB	PLCC-48
AR0130CSSC00SPCA 0-DPBR	Pb-free Halide free	NEW	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	RGB	ILCC-48
AR0130CSSC00SPCA 0-DRBR	Pb-free Halide free	NEW	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	RGB	ILCC-48
AR0130CSSM00SPCA 0-DRBR	Pb-free Halide free	NEW	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	Mono	ILCC-48
AR0130CSSM00SUD2 0	Pb-free Halide free	NEW	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	Mono	

For more information please contact your local sales support at www.onsemi.com

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