

## 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- $\mu$ 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 ( $\mu$ m)	Output Interface	Color	Package Type
AR0130CSC00SPBA0-DP	Pb-free Halide free	Active	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	PLCC-48
AR0130CSC00SPBA0-DR	Pb-free Halide free	Active	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	PLCC-48
AR0130CSC00SPBA0-DR1	Pb-free Halide free	Active	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	PLCC-48
AR0130CSC00SPCA0-DPBR	Pb-free Halide free	Active	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	ILCC-48
AR0130CSC00SPCA0-DPBR1	Pb-free Halide free	Active	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	ILCC-48
AR0130CSC00SPCA0-DRBR	Pb-free Halide free	Active	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	ILCC-48
AR0130CSC00SPCA0-DRBR1	Pb-free Halide free	Active	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	ILCC-48
AR0130CSSM00SPCA0-DRBR	Pb-free Halide free	Active	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	Mono	ILCC-48
AR0130CSSM00SPCA0-DRBR1	Pb-free Halide free	Active	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	ILCC-48
AR0130CSSM00SUD20	Pb-free Halide free	Active	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	Multi	Mono	

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

Created on: 8/5/2016