

## Product Overview

### AR0141CS: CMOS Image Sensor, 1.0 MP, 1/4"

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

ON Semiconductor's AR0141CS is a 1/4-inch CMOS digital image sensor with an active-pixel array of 1280H x 800V. It includes sophisticated camera functions such as in-pixel binning, windowing and both video and single frame modes. It is programmable through a simple two-wire serial interface. The AR0141CS produces extraordinarily clear, sharp digital pictures, and its ability to capture both continuous video and single frames makes it the perfect choice for a wide range of applications, including surveillance and HD video.

### Applications

- Security
- Scanning

### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Output Interface	Color	Package Type
AR0141CS2C00SUEA0-DR		Pb-free Halide free non AEC-Q and PPAP	Active	CMOS	1	60	1/4 inch	Electronic Rolling	3.0 x 3.0	Multi	RGB	IBGA-63
AR0141CS2M00SUEA0-DPBR		Pb-free Halide free non AEC-Q and PPAP	Active	CMOS	1	60	1/4 inch	Electronic Rolling	3.0 x 3.0	Multi	Mono	IBGA-63
AR0141CS2M00SUEA0-TPBR		Pb-free Halide free non AEC-Q and PPAP	Active	CMOS	1	60	1/4 inch	Electronic Rolling	3.0 x 3.0	Multi	Mono	IBGA-63
AR0141CSSM21SUEA0-TPBR		Pb-free Halide free non AEC-Q and PPAP	Active	CMOS	1	60	1/4 inch	Electronic Rolling	3.0 x 3.0	Multi	Mono	IBGA-63

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

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