

[Home](#) > [Products](#) > [Sensors](#) > [Image Sensors & Processors](#) > [Image Sensors](#) > [AR0141CS](#)

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

[Request Datasheet](#)[Product Overview](#)[»View Material Composition](#)[» Product Change Notification](#)

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

## Technical Documentation & Design Resources

[Software \(3\)](#)[Package Drawings \(1\)](#)[Application Notes \(3\)](#)[Videos \(1\)](#)[Reference Manuals \(1\)](#)[Evaluation Board Documents \(4\)](#)

## Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Action
<a href="#">AR0141CS2C00SUEAH3-GEVB</a>	Active	Pb-free	1 MP Sunex DSL945D 1/4" IBGA CIS HB	<a href="#">» Contact Local Sales Office</a>
<a href="#">AR0141CS2M00SUEAH3-GEVB</a>	Active	Pb-free	1 MP Sunex DSL945D 1/4" IBGA CIS HB	<a href="#">» Contact Local Sales Office</a>

## Availability & Samples

## Specifications

Product	Status	Compliance	Description	Package		MSL*	Container		Budgetary Price/Unit
				Type	Case Outline		Type	Qty.	
AR0141CS2C00SUEA0-DP	Active	Pb-free ----- Halide free	CMOS Image Sensor, 1.0 MP, 1/4", Color, IBGA Package, Dry Pack with Protective Film	IBGA-63	503AH	3	Tray JEDEC	2600	<a href="#">Contact Sales Office Inventory</a>
AR0141CS2C00SUEA0-DR	Active	Pb-free ----- Halide free	CMOS Image Sensor, 1.0 MP, 1/4", Color, IBGA Package, Dry Pack (no protective film)	IBGA-63	503AH	3	Tray JEDEC	2600	<a href="#">Contact Sales Office Inventory</a>
AR0141CS2M00SUEA0-DPBR	Active	Pb-free ----- Halide free	CMOS Image Sensor, 1.0 MP, 1/4", Monochrome, with Protective Film	IBGA-63	503AH	3	Tray JEDEC	2600	<a href="#">Contact Sales Office</a>
AR0141CS2M00SUEA0-TPBR	Active	Pb-free ----- Halide free	CMOS Image Sensor, 1.0 MP, 1/4", Monochrome, with Protective Film, Tape and Reel	IBGA-63	503AH	3	Tape and Reel	2000	<a href="#">Contact Sales Office</a>
AR0141CSSM21SUEA0-DPBR	Active	Pb-free ----- Halide free	CMOS Image Sensor, 1.0 MP, 1/4", Monochrome, with Protective Film, Dry Pack with protective film	IBGA-63	503AH	3	Tray JEDEC	2600	<a href="#">Contact Sales Office</a>
AR0141CSSM21SUEA0-TPBR	Active	Pb-free ----- Halide free	CMOS Image Sensor, 1.0 MP, 1/4", Monochrome, CRA 21 Deg. IBGA Package, tape and Reel with protective film	IBGA-63	503AH	3	Tape and Reel	2000	<a href="#">Contact Sales Office</a>

Moisture Sensitivity level (MSL) for surface mount devices (lead free measured at 260°C reflow, non lead free at 235°C reflow)

## Previously Viewed Products

Select Product...



Go

[Clear List](#)

## Associated Products

Do you also need [Image Processors](#)?Do you also need [EEPROM Memory](#)?Do you also need [LDO Regulators & Linear Voltage Regulators](#)?

## Support

[Technical Documentation](#)[Design Resources & Documents](#)[Technical Support](#)[Sales Support](#)

## Featured Video

[Features and Set-up of the Mainstream CMOS Image Sensor Demo Boards](#)[More Videos ...](#)