



# AR0140CS: CMOS Image Sensor, 1.0 MP, 1/4"



»View Material Composition  
» Product Change Notification

ON Semiconductor's AR0140CS is a 1/4-inch CMOS digital image sensor with an active-pixel array of 1280Hx800V. It captures images in either linear or high dynamic rangemodes, with a rolling-shutter readout. It includes sophisticated camera functions such as in-pixel binning,windowing and both video and single frame modes. It is designed for both low light and high dynamic range scene performance. It is programmable through a simple two-wire serial interface. TheAR0140CS 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.

### Features

- High Dynamic Range

### Applications

- Security

### Technical Documentation & Design Resources

Application Notes (3)

Videos (1)

Reference Manuals (1)

Evaluation Board Documents (5)

Package Drawings (1)

### Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Action
AR0140CS2C00SUCAD3-GEVK	Active	Pb-free	1 MP Sunex DSL945D 1/4" iBGA CIS DK	» <a href="#">Contact Local Sales Office</a>
AR0140CS2C00SUEAH-GEVB			1.0 MP 1/4" CIS HB	» <a href="#">Contact Local Sales Office</a>
AR0140CS2C00SUEAH3-GEVB	Active	Pb-free	1 MP Sunex DSL945D 1/4" iBGA CIS HB	» <a href="#">Contact Local Sales Office</a>
AR0140CSSC00SUCAH-GEVB	Active	Pb-free	1.0 MP 1/4" 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.	
AR0140CS2C00SUEA0-DRBR	Active	Pb-free Halide free	CMOS Image Sensor, 1.0 MP, 1/4", RGB, Multi Interface, IBGA package, double side AR glass (Dry Pack)	IBGA-63	503AH	3	Tray JEDEC	2600	<a href="#">Contact Sales Office Inventory</a>
AR0140CS2C00SUEA0-DRBR1	Active	Pb-free Halide free	CMOS Image Sensor, 1.0 MP, 1/4", RGB, Multi Interface, IBGA package, double side	IBGA-63	503AH	3	Tray JEDEC	260	<a href="#">Contact Sales Office Inventory</a>

### Previously Viewed Products

Select Product...  [Clear List](#)

### Associated Products

Do you also need [LDO Regulators & Linear Voltage Regulators?](#)

Do you also need [EEPROM Memory?](#)

Do you also need [Image Processors?](#)

### Design 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 ...](#)

AR glass  
(Dry Pack)  
Low MOQ

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

[Privacy Policy](#) | [Terms of Use](#) | [Site Map](#) | [Careers](#) | [Contact Us](#) | [Terms and Conditions](#) | [Mobile App](#) | [Subscribe](#)  
Copyright © 1999-2018 ON Semiconductor

Follow Us

