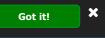
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## **ON Semiconductor**®



## **Energy Efficient Innovations**

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### 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

Availability & Samples

#### Applications

Security

Technical Documentation & Design Resources					
Application Notes (3)	Videos (1)	5			
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	Contact Local Sales Office					
AR0140CS2C00SUEAH-GEVB			1.0 MP 1/4" CIS HB	Contact Local Sales Office					
AR0140CS2C00SUEAH3-GEVB	Active	Pb-free	1 MP Sunex DSL945D 1/4" iBGA CIS HB	Contact Local Sales Office					
AR0140CSSC00SUCAH-GEVB	Active	Pb-free	1.0 MP 1/4" CIS HB	Contact Local Sales Office					

Specifications

Product	Status	Compliance	Description	Package		MSL* Container		ainer	Budgetary
				Туре	Case Outline		Туре	Qty.	Price/Unit
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	Contact Sales Office Inventory
AR0140CS2C00SUEA0- DRBR1 ownloaded from Arrow.cor	Active	Pb-free Halide free	CMOS Image Sensor, 1.0 MP, 1/4", RGB, Multi Interface, IBGA narkage, gouore side	IBGA- 63	503AH	3	Tray JEDEC	260	Contact Sales Office Inventory

# 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** 

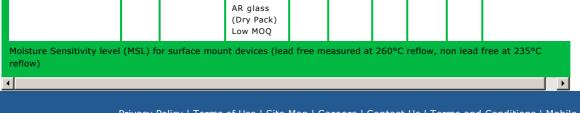
Technical Support

Sales Support

#### **Featured Video**

Features and Set-up of the Mainstream CMOS Image Sensor Demo Boards





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