



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
AR0141CS2C00SUEAH3-GEVB	Active	Pb-free	1 MP Sunex DSL945D 1/4" IBGA CIS HB	» Contact Local Sales Office
AR0141CS2M00SUEAH3-GEVB	Active	Pb-free	1 MP Sunex DSL945D 1/4" IBGA CIS HB	» Contact Local Sales Office

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	Contact Sales Office Inventory
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	Contact Sales Office Inventory
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	Contact Sales Office
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	Contact Sales Office
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	Contact Sales Office
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	Contact Sales Office

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

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Support

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Featured Video

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



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