

AR0141CS

CMOS Image Sensor, 1.0 MP, 1/4"

Product Overview

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	Status	Compliance	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (μm)	Output Interface	Color	Family	Packaging Type	CASE Outline	MSL Type	MSL Temp (°C)	Container Type	Container Qty.
AR0141CS2C00 SUEA0-DP	Obsolete		CMOS	1	60	1/4 inch	Electronic Rolling	3.0 x 3.0	Multi	RGB	-	IBGA-63	503 AH, PDF	3	260	JTRAY	2600
AR0141CS2C00 SUEA0-DR	Last Shipments		CMOS	1	60	1/4 inch	Electronic Rolling	3.0 x 3.0	Multi	RGB	-	IBGA-63	503 AH, PDF	3	260	JTRAY	2600
AR0141CS2M00 SUEA0-DPBR	Active		CMOS	1	60	1/4 inch	Electronic Rolling	3.0 x 3.0	Multi	Monochrome	-	IBGA-63	503 AH, PDF	3	260	JTRAY	2600
AR0141CS2M00 SUEA0-TPBR	Active		CMOS	1	60	1/4 inch	Electronic Rolling	3.0 x 3.0	Multi	Monochrome	-	IBGA-63	503 AH, PDF	3	260	REEL	2000
AR0141CSSM21 SUEA0-DPBR	Obsolete		CMOS	1	60	1/4 inch	Electronic Rolling	3.0 x 3.0	Multi	Monochrome	-	IBGA-63	503 AH, PDF	3	260	JTRAY	2600
AR0141CSSM21 SUEA0-TPBR	Active		CMOS	1	60	1/4 inch	Electronic Rolling	3.0 x 3.0	Multi	Monochrome	-	IBGA-63	503 AH, PDF	3	260	REEL	2000