

AR0230CS

CMOS Image Sensor, 2 MP, 1/2.7"

Product Overview

For complete documentation, see the data sheet.

The AR0230CS is a 1/2.7-inch CMOS digital image sensor with an active-pixel array of 1928 (H) x1088 (V). It captures images in either linear or high dynamic range modes, with 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. The AR0230CS 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.

Features

- High Dynamic Range

Applications

- Security

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.
AR0230CSSC0SUEA0-DRBR	Active	H Pb	CMOS	2.1	60	1/2.7 inch	Electronic Rolling and Global Reset Release	3.0 x 3.0	Parallel	RGB	-	IBGA-80	503 AN. PDF	4	260	JTRAY	2400
AR0230CSSC0SUEA0-DRBR1	Obsolete	H Pb	CMOS	2.1	60	1/2.7 inch	Electronic Rolling and Global Reset Release	3.0 x 3.0	Parallel	RGB	-	IBGA-80	503 AN. PDF	4	260	JTRAY	240
AR0230CSSC12SUEA0-DR	Active	H Pb	CMOS	2.1	60	1/2.7 inch	Electronic Rolling and Global Reset Release	3.0 x 3.0	Parallel	RGB	-	IBGA-80	503 AN. PDF	4	260	JTRAY	2400