

Image Sensors

ARX383CS

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1/8-inch 0.3 Mp Global Shutter CMOS Digital Image Sensor

- Availability & Samples
- Email Sales
- Favorite

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CAD Model

- Overview
- Evaluation/Development Kits
- Technical Documentation
- Design Tools

Overview

The ARX383CS is a 1/8-inch 0.3Mp VGA CMOS digital image sensor with an active-pixel array of 640 × 480. It incorporates an innovative global shutter pixel design optimized for accurate and fast capture of moving scenes at 120 frame per second, full resolution. The sensor produces clear, low noise images in both low-light and bright scenes. It includes sophisticated camera functions such as adjustable auto-exposure control, auto black-level correction, windowing, skipping, pixel-binning, and, both video & single frame modes. It is programmable through a simple two-wire serial interface. The ARX383CS produces clear, sharp digital pictures with an industry leading Global Shutter Efficiency, and its ability to capture both continuous video and single frames makes it the perfect choice for a wide range of applications, including scanning, autonomous mobility, AR/VR, AIoT and industrial quality control.

Applications

End Products

Features

Material Composition

Product Change Notification

Product Overview

Availability & Samples

Search Table

Products: 6

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Columns

Sort by Product

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☐	ARX383CSSM00SMD20	Active		Pb A H P	-	-	NA	0
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Products per page 10

1-6 of 6