

AR1011: 10 MP 1" CMOS Image Sensor

OverviewSpecifications



Product Overview

- »View Material Composition
- »No Product Change Notifications exist

Product Description

The AR1011HS is a 10.8 megapixel, 1-inch optical format image sensor that combines high-resolution imaging with a large 3.4 um DR-Pix (Dynamic Response-pixel) that dynamically adapts to deliver superior low-light performance. At full-resolution, the AR1011HS offers 60 frames-per-second (fps) video; while jumping to 120 fps for 1080p HD mode. The sensor is an ideal fit for high-end surveillance camera systems that require high-resolution for functions such as electronic Pan, Tilt, Zoom (ePTZ) with amazing low-light capabilities. The 4K Ultra HD (3840 x 2190) resolution 60 frames-per-second mode, makes the sensor perfect for prosumer type broadcast cameras as well.

Applications

- Camera
- Security

Technical Documentation & Design Resources

Package Drawings (1)

Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Action
AR1011HSSC00SHAAD-GEVK			10 MP 1" CIS DK	»Contact Local Sales Office
AR1011HSSC00SHAAD3-GEVK	Consult Sales Office	Pb-free	10 MP 1" CIS DK	»Contact Local Sales Office
AR1011HSSC00SHAAD-GEVB	Active	Pb-free	10 MP 1" CIS HB	»Contact Local Sales Office

Availability and Samples

Product	Status	Compliance	Description	Package		MSL*	Container		Budgetary Price/Unit
				Type	Case Outline		Type	Qty.	
AR1011HSSC00SHAAD-DP	Active	Pb-free Halide free	10 MP 1" CMOS Image Sensor	CLCC-124	848AG	4	Tray JEDEC	200	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)

Previously Viewed Products

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Clear List

New Products

KAI-08052 :
Interline Transfer
CCD Image
Sensor, 8.1 MP

- Improved sensitivity in NIR wavelengths requiring less illumination
- Pin compatible with KAI-08051 and other IT-CCDs
- Bayer color, Sparse CFA, and monochrome versions

Design Support

- » Technical Documentation
- » Design Resources & Documents
- » Technical Support
- » Sales Support