



Product Overview

AR0835: 8 MP 1/3" CMOS Image Sensor

For complete documentation, see the [data sheet](#)

Product Description

The AR0835 image sensor is a 1/3.2" optical format 1.4-micron pixel sensor with the speed to capture the its full 8 MP sensor resolution at a rapid 42 frames per second and 1080P video at 60fps. A-PixHS(tm) technology brings together ON Semiconductor's second generation backside illuminated (BSI) pixel technology and an advanced high speed sensor architecture to enable a number of innovative features. It is designed to enable low z-height camera modules to meet OEM and mobile device manufacturers' needs.

Features

- High Dynamic Range

Applications

- Mobile

Part Electrical Specifications

Product	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Color	Package Type
AR0835HS3C12SUAA 0-DP	Pb-free Halide free	NEW	CMOS	8	42	1/3.2 inch	Electronic Rolling	1.4 x 1.4	RGB	CLCC-48
AR0835HS3C12SUAA 0-DR	Pb-free Halide free	NEW	CMOS	8	42	1/3.2 inch	Electronic Rolling	1.4 x 1.4	RGB	CLCC-48
AR0835HS3C12SUAA 0-DR-E	Pb-free Halide free	NEW	CMOS	8	42	1/3.2 inch	Electronic Rolling	1.4 x 1.4	RGB	CLCC-48
AR0835HS4C12SUD6 0	Pb-free Halide free	NEW	CMOS	8	42	1/3.2 inch	Electronic Rolling	1.4 x 1.4	RGB	

For more information please contact your local sales support at www.onsemi.com

Created on: 7/11/2015