

Product Overview

AR0835: CMOS Image Sensor, 8 MP, 1/3"

For complete documentation, see the data sheet.

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	Pricing (\$/Unit)	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Output Interface	Color	Package Type
AR0835HS3C12SUAA0-DP		Pb-free Halide free	Active	CMOS	8	42	1/3.2 inch	Electronic Rolling	1.4 x 1.4	-	RGB	CLCC-48
AR0835HS3C12SUAA0-DR		Pb-free Halide free	Active	CMOS	8	42	1/3.2 inch	Electronic Rolling	1.4 x 1.4	-	RGB	CLCC-48
AR0835HS4C12SUD60		Pb-free Halide free	Active	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: 6/4/2020