

Product Overview

AS0260: CMOS Image Sensor System-on-Chip, 2 MP, 1/6"

For complete documentation, see the data sheet.

ON Semiconductor's AS0260 is a 2-megapixel SOC delivering native 1080p resolution for exceptional performance, and meets strict form factor requirements (z-height less than 3.5mm) for ultra-thin, full HD video applications within the Mobile, Tablet and Notebook market. This SOC has a 1/6-inch optical format and a new 1.4-micron pixel featuring (http://www.onsemi.com/products/technology/ON_Semiconductor_a-pix.jsp) ON Semiconductor's A-Pix technology to provide excellent low-light performance. The new SOC provides HD video at 1080p/30fps or 720p/60fps with powerful image processing capabilities critical for sharp, clear video capture.

Applications

- Mobile
- Camera

Part Electrical Specifications

Product	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Output Interface	Color	Package Type
AS0260CSSC28SUD20	Pb-free Halide free	Active	CMOS	2.1	30	1/6 inch	Electronic Rolling	1.4 x 1.4	-	RGB	
AS0260CSSC28SUKA0-CR	Pb-free Halide free	Active	CMOS	2.1	30	1/6 inch	Electronic Rolling	1.4 x 1.4	-	RGB	ODCSP-54
AS0260CSSC28SUKA0-CR1	Pb-free Halide free	Active	CMOS	2.1	30	1/6 inch	Electronic Rolling	1.4 x 1.4	-	RGB	ODCSP-54

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

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