

## 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 3.5 mm) 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 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               | Pricing (\$/Unit) | Compliance             | Status | Type | Megapixels | Frame Rate (fps) | Optical Format | Shutter Type       | Pixel Size (µm) | Output Interface | Color | Package Type |
|-----------------------|-------------------|------------------------|--------|------|------------|------------------|----------------|--------------------|-----------------|------------------|-------|--------------|
| AS0260CSSC28SUKA0-CR  |                   | Pb-free<br>Halide free | Active | CMOS | 2.1        | 30               | 1/6 inch       | Electronic Rolling | 1.4 x 1.4       | -                | RGB   | ODCSP-54     |
| AS0260CSSC28SUKA0-CR1 |                   | Pb-free<br>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](http://www.onsemi.com).

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