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Evaluation Board | AR0830CSSC11SMKAH3-GEVB

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8.3MP Evaluation Board with 8.3MP RGB 11deg Electronic Rolling Shutter CMOS Image Sensor

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Overview

The AR0830CSSC11SMKAH3-GEVB (Sensor Board) uses an advanced Backside Illuminated (BSI) pixel from onsemi. It delivers enhanced optical performance both in visible & NIR spectrums and the sensor consumes very low power delivering superior image quality. The Sensor Board can be interfaced to the Demo3 Evaluation Board, or with the AP1302 Evaluation Board stacked on Demo3 Evaluation Board. The combined kit



and capabilities.



The sensor board comes with a lens suitable for evaluation. Users can use their own lens if it is compatible with the mechanical & optical requirements.

To get started with the AR0830CSSC11SMKAH3-GEVB, you will also need:

- [Demo 3 Evaluation Board \(AGB1N0CS-GEVK\)](#)
- AP1302 Evaluation Board (optional)
- DevSuite Software



Evaluation/Development Tools

Product 	Type 	Ref. Design	Action
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Technical Documentation

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Name / Description	Document Type	Modified date
AR0830CSSC11SMKAH3-GEVB Schematic AR0830CSSC11SMKAH3-GEVB_SCHEMATIC 0 Eval Board: Schematic 577.54 KB EN	Eval Board: Schematic	August 01, 2023
AR0830CSSC11SMKAH3-GEVB Bill of Materials (ROHS Compliant) AR0830CSSC11SMKAH3-GEVB_BOM_ROHS 0 Eval Board: BOM 104.45 KB EN	Eval Board: BOM	September 01, 2023

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