

Evaluation Board | AR0822NPSM10SMTAH3-GEVB

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8MP 1/2 CIS MPBGA75 MONO 10DEG CRA SER Demo3 HB

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Overview

The AR0822NPSM10SMEAH3-GEVB Sensor Board uses the high performance 2.0 um backside illuminated (BSI) pixel with eHDR technology from onsemi. 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 uses the popular DevSuite software from onsemi to configure the system. The software provides a comprehensive setup interface and flexibility to evaluate the sensor's features and capabilities.

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

To get started with the AR0822NPSM10SMEAH3-GEVB, you will also need:

- Demo 3 Evaluation Board (AGB1N0CS-GEVK)

AP1302 Evaluation Board (optional)

DevSuite Software



Evaluation/Development Tools

Product	Type	Ref. Design	Status	Part Use	Action
AR0822NPSM10SMTAH3-GEVB 8MP 1/2 CIS MPBGA75 MONO 10DEG CRA SER Demo3 HB	Evaluation Board	No	Active	N24C64 NCP135 0TBG, NCP317/ G, ...	Price N/A Check Inventory

Technical Documentation

Q Search Technical Documentation

Name / Description	Document Type	Modified date
AR0822 Schematic AR0822_MPBGA75_DEMO3HEAD_SCHEMATIC 0 Eval Board: Schematic 470.02 KB EN	Eval Board: Schematic	March 16, 2023
AR0822 Schematic Mechanical AR0822_MPBGA75_DEMO3HEAD_SER_MECHANICAL 0 Eval Board: Schematic 643.07 KB EN	Eval Board: Schematic	March 16, 2023
AR0822 Bill of Materials (ROHS compliant) AR0822_BOM_ROHS 0 Eval Board: BOM 521.22 KB EN	Eval Board: BOM	March 16, 2023

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