

[Upgrade to Revision]

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Rev.1.00

Nov. 05, 2025

Solution Toolkit QE for Camera[RA] V1.2.0:  
Development Assistance Tool for Camera Applications

Outline

QE for Camera[RA], a development assistance tool for camera applications, has been updated from V1.1.0 to V1.2.0.

1. Products to Be Updated

V1.1.0 of QE for Camera[RA], a development assistance tool for camera applications

2. Description

The following sections cover the main enhancements. For details of the update and how to install the product, refer to the release note at the link below.

- QE for Display[RX,RA] V3.7.0, QE for Camera[RA] V1.2.0 Release Note

<https://www.renesas.com/document/rln/qe-display-rxra-v370-qe-camera-ra-v120-release-note>

QE for Display[RX,RA] V3.7.0 and QE for Camera[RA] V1.2.0 are the same Release Note.

2.1 New Features

- Supports MIPI PHY, MIPI CSI interfaces, and Video Input Module (VIN)

This product provides support for the adjustment of the MIPI PHY, MIPI CSI interface, and Video Input Module (VIN) for the RA8P1 and RA8D2 MCUs. It enables the use of MIPI-mode cameras to capture external image data via the VIN module within the RA8P1 and RA8D2 MCUs, allowing the image data to be stored in memory. Furthermore, the size, starting position, and format of the captured image data can be dynamically adjusted as required.

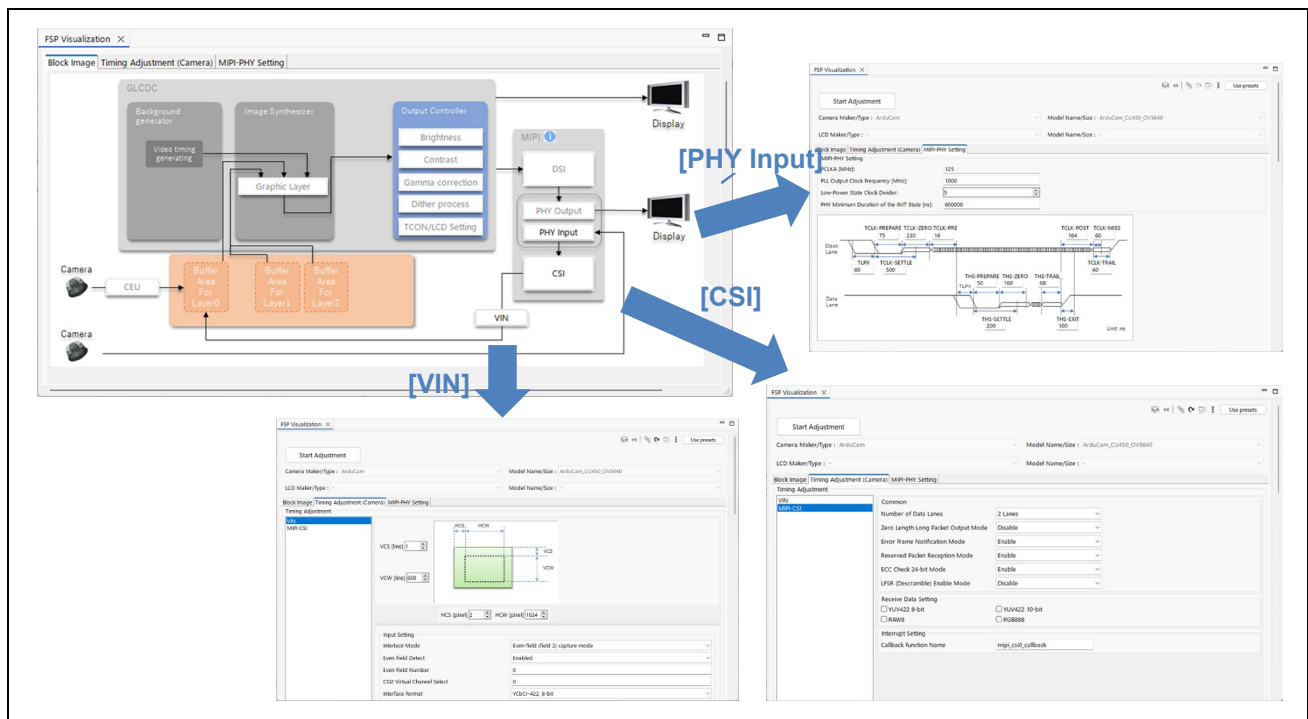


Figure 1 MIPI PHY, MIPI CSI and Video Input Module (VIN) Setting

### 2.2 Addition of Supported Devices

RA Family: RA8D2 Group

- Supports Evaluation Kit for RA8D2

### 3. Obtaining the Product

Download the installer for QE for Camera[RA] V1.2.0 from the following URL:

<https://www.renesas.com/qe-camera#downloads>

QE for Display[RX,RA] V3.7.0 and QE for Camera[RA] V1.2.0 are identical plug-in. Accordingly, installing either one enables the use of both tools. In e<sup>2</sup> studio, the software will be installed under the name "Renesas QE for Display[RX,RA]/QE for Camera[RA]".

**Revision History**

Rev.	Date	Description	
		Page	Summary
1.00	Nov.05.25	-	First edition issued

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