[Upgrade to Version]

Solution Toolkit
QE for Lighting & Power V2.0.0:
Development Assistance Tool for Lighting and Digital Power System

R20TS1214EJ0101
Rev.1.01
Apr. 23, 2026

Outline

QE for Lighting & Power, a development support tool for lighting systems, has been upgraded from V1.2.0 to V2.0.0, a development support tool for lighting and digital power systems.

1. Products to Be Updated

V1.2.0 of QE for Lighting & Power, a development assistance tool for a Lighting System

2. Description

The main changes are as follows. For details on the update and installation instructions, refer to the release note at the link below.

https://www.renesas.com/document/rln/qe-lighting-power-v200-release-note

2.1 New Features

- Support Application Program Download Function

The latest application programs can now be downloaded from the website by clicking the [Download or Update Application Program from Web Site] button in Select a Board.

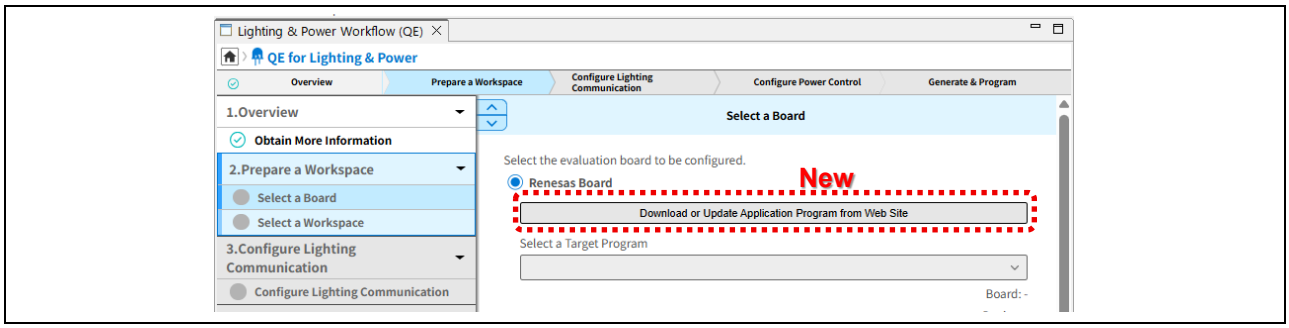

Figure 1 Prepare a Workspace: Select a Board

- Support Power Control Simulation Function

The [Simulation] dialog box can be opened from Simulate Power Control by selecting [Open Power Simulation Dialog]. After configuring parameters in the [Simulation] dialog box and starting the simulation, the progress is displayed in the [Console] view. Simulation results can be reviewed directly within the dialog box.

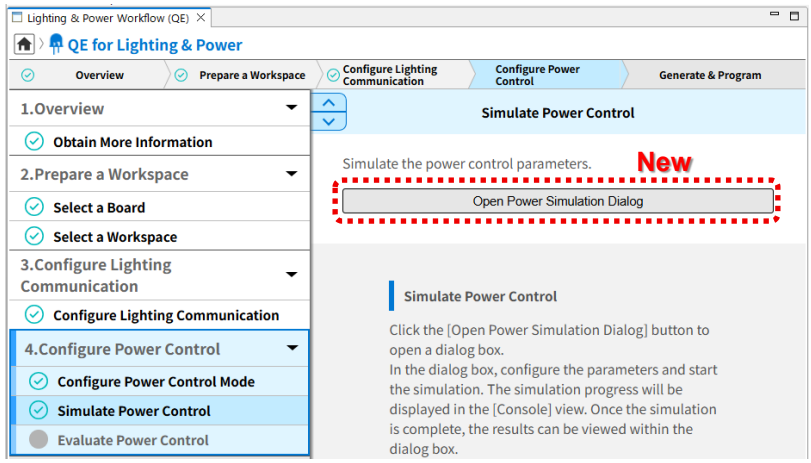

Figure 2 Configure Power Control: Configure Power Control Parameters

- Support Custom Board Evaluation Function

An evaluation program can be generated by following the items described in the settings panel and guide of [Evaluate Power Control]. After writing the evaluation program to the board and establishing a connection, power control parameters can be evaluated in real time.

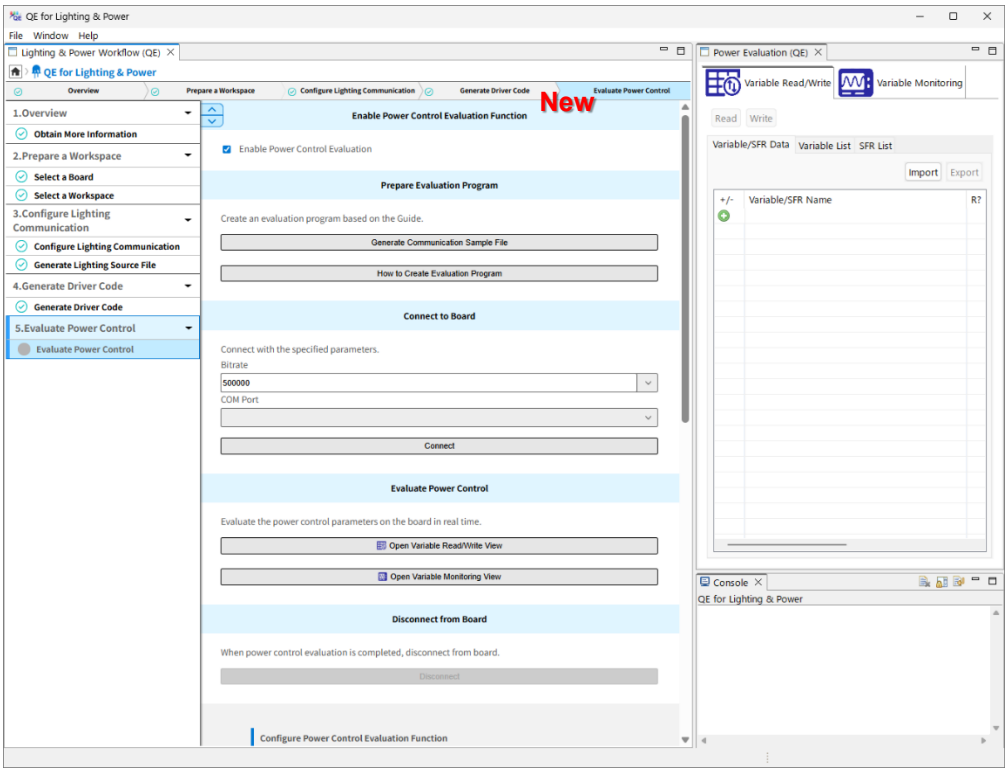

Figure 3 Evaluate Power Control

2.2 Addition of Supported Device

RL78 Family: RL78/L23

3. Obtaining the Product

QE for Lighting & Power is provided as a compressed package (.zip). Download the QE for Lighting & Power V2.0.0 package from the link below.

https://renesas.com/qe-lighting-power#downloads

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Apr.20.26	-	First edition issued
1.01	Apr.23.26	1	Update the title and outline

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