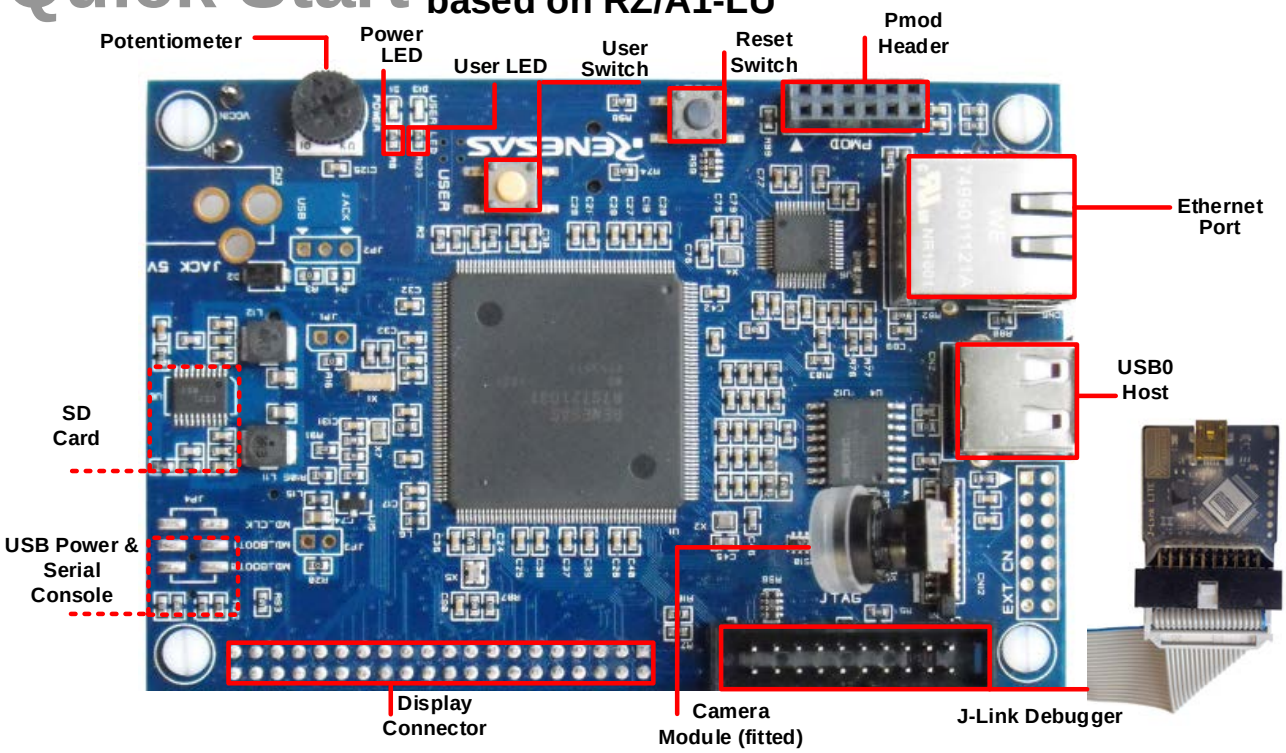
Quick Start Stream it! - RZ solution kit based on RZ/A1-LU



1. Installation

Do not connect the J-Link LITE debugger module until the software support has been installed.

1. Insert the DVD into your computer. If you do not have a DVD drive, you can obtain the installation package from the Renesas website.
2. The DVD should auto-run, but if this is disabled, navigate to the root of the DVD and open the file “setup.hta”.
   Note: This file is an html page known as the Web interface that allows launching of batch files. You can open the file in a text editor to review the scripts.
3. This page contains setup instructions and links to required tools; please install the tools if you do not already have them installed.

Note:

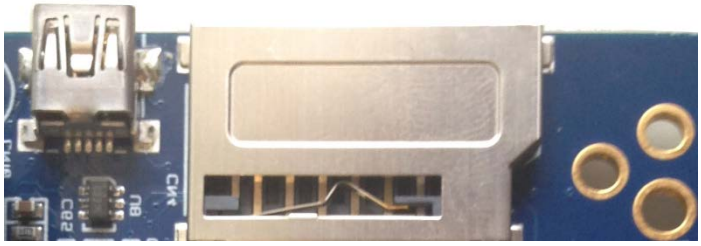
Windows™ 10 / 8.1 / 8 / 7 users may see “User Account Control” dialog box. If applicable, enter the administrator password and click ‘Yes’.

The Windows™ driver signing dialog box may be displayed. Please accept the driver to continue.

2. Connections

4. To connect the camera:
   a. Lift up the dark brown flap on connector CN12 evenly.
   b. Slide the flex cable into the connector (make sure to insert it in the correct direction; see photo above).
   c. Push the flap down again to secure the camera module.
   d. Remove the plastic cover from the camera lens.
5. Connect the J-Link LITE to the Stream it! board’s JTAG connector and then to your PC.
6. Connect the Ethernet cable from the Stream it! board’s RJ45 connector to your network.

7. Connect a USB cable from PC to the mini B connector on the underside of the board. The board will power up.



8. In Control Panel, open the “Devices and Printers” page to identify the COM port number assigned to the board.
9. Open a serial terminal program to connect to the board’s console output. Recent versions of Windows™ do not include a serial terminal program. Renesas cannot provide any recommendations; however, we have tested PuTTY, TeraTerm with this product. Other terminal programs are available.

3. Running the Demonstrations

10. The demonstrations assume that your network is configured for DHCP and an internet connection is configured.
    a. If your network cannot support this configuration, please see the support section below for fixed IP configuration.
11. On the Web Interface, (see 2) select the “Demos” tab.
12. Select one of the Demonstrations presented.
13. Follow the instructions on the page. Detailed instructions for each application are included in an associated Application Note.

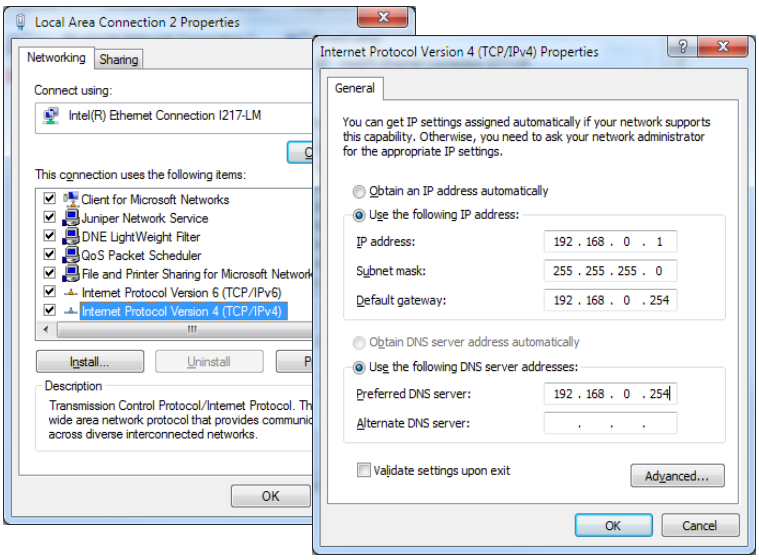
4. Next Steps

14. When you have experienced the demonstrations, to go further by reviewing the code and making any changes, please return to the “Setup” tab.
15. Press the Install e^2 studio button, and the installation of the tools and demonstration source code will begin.
16. Please refer to “description.txt” in each sample project for sample code specification and operating procedure.
17. The Hardware Manual supplied with this Stream it! kit is current at the time of publication. Please check for any updates to the manual from the Renesas website.
18. To learn more on how to use e^2 studio, open the program’s help files by using Help > Help Contents.

5. Support

19. The following steps are only required if you are unable to connect to a DHCP internet connection.
20. To specify a fixed IP in the demonstrations, see the application note for the specific demonstration.
21. To use the demonstrations locally and test the Stream it! kit, you will need to allocate a fixed IP for your PC.
22. Please follow the procedure below.

23. Disconnect your PC from the network.
24. Open your PC network properties control.
25. Select TCP/IPv4 properties.
26. Make a note of the current fixed IP settings. If you change them, you will need to return them to the original settings when you have finished.
27. This example uses 192.168.0.1 as the PC address; you should select an appropriate address in your network.



Online technical support and information is available at: https://www.renesas.com/

Technical Contact Details

America: techsupport.america@renesas.com
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Global & Japan: https://www.renesas.com/support/contact.html

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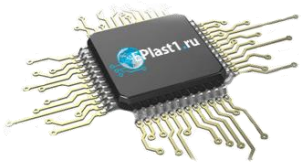

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