



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.
- 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.
- 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 e² 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 e² 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.

Local Area Connection 2 Properties	
Networking Sharing	Internet Protocol Version 4 (TCP/IPv4) Properties
Connect using:	General
Intel(R) Ethemet Connection I217-LM	You can get IP settings assigned automatically if your network supports
	for the appropriate IP settings.
This connection uses the following items:	Obtain an IP address automatically
Ulent for Microsoft Networks	Use the following IP address:
BDNE LightWeight Filter Gos Packet Scheduler	IP address: 192 . 168 . 0 . 1
File and Printer Sharing for Microsoft Network	Subnet mask: 255 . 255 . 255 . 0
 ✓ Internet Protocol Version 6 (TCP/IPv6) ✓ Internet Protocol Version 4 (TCP/IPv4) 	Default gateway: 192 . 168 . 0 . 254
< <u> </u>	Obtain DNS server address automatically
Install Uninstall P	O Use the following DNS server addresses:
Transmission Control Protocol/Internet Protocol. Th	Preferred DNS server: 192 . 168 . 0 . 254
wide area network protocol that provides communic across diverse interconnected networks.	Alternate DNS server:
	Validate settings upon exit
ОК	Advanced
	OK Cancel

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

Technical Contact Details

America:techsupport.america@renesas.comEurope:https://www.renesas.com/en-eu/support/contact.htmlGlobal & Japan:https://www.renesas.com/support/contact.html

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