

Keysight M8085A MIPI Receiver Test Solutions Plug-in

Calibration, Conformance and
Characterization Procedures

Installation Guide

Notices

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1 Installation Procedure

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This document describes the installation procedure for Keysight M8085A MIPI Receiver Test Solutions Plugin. After the successful installation, you will be able to access the following plugins:

- MIPI D-PHY Editor - Allows the user to set the DUT and test configuration.
- MIPI D-PHY CTS - Support the MIPI D-PHY signal generator configurations for single and multi-lane testing with the ValiFrame Test Automation Software.

1.1 Prerequisites

The following are the pre-requisites for installing MIPI Receiver Test Solutions plugin:

- The MIPI Receiver Test Solutions plugin has to be installed separately along with the M8070A system software. Please make sure that the system should already have M8070A software (version 3.1.12.1 or above) installed on it.
- MIPI Receiver Test Solutions plugin installer which is either available on CD or can be downloaded from Keysight webpage: www.keysight.com
- MIPI Receiver Test Solutions plugin license: ("M8085A-DTA | M8085A-DNA | M8085A-DDA")

1.2 License Requirements

The MIPI Receiver Test Solutions plugin is a licensed feature. To enable it, the **M8085A-DTA | M8085A-DNA | M8085A-DDA** licenses are required.

1.3 Installation Steps

Follow the given steps to install MIPI Receiver Test Solutions plugin on your system.

1. Double-click the executable. This executable file will be available either on CD or Web.



The following window will appear as shown in [Figure 1](#).

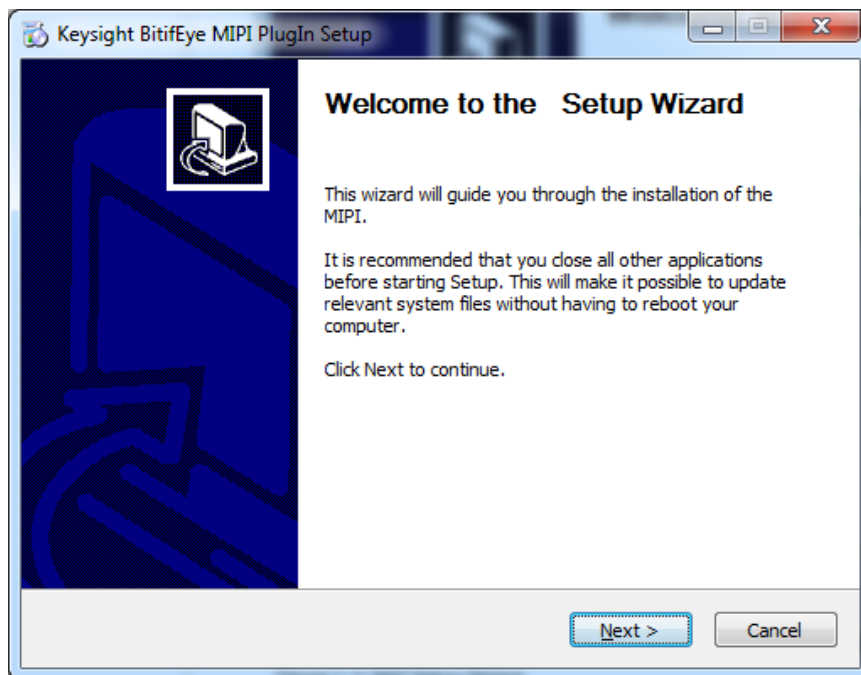


Figure 1: MIPI Plugin Setup Wizard

2. Click on the **Next** button to continue to the next step. The license agreement of the MIPI Plugin setup appears as shown in [Figure 2](#).

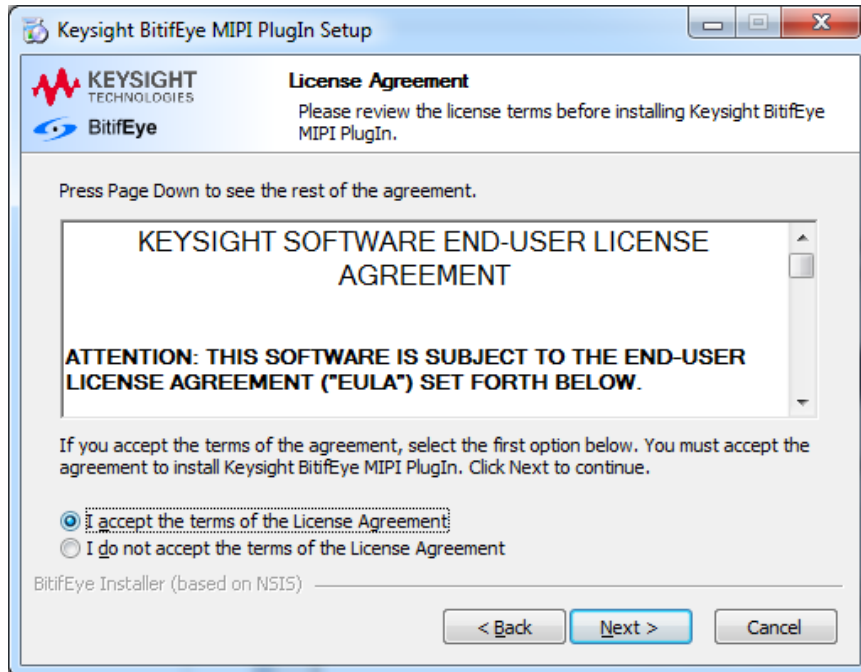


Figure 2: MIPI Plugin Setup License Agreement Window

3. Read all the terms and conditions of the license agreement carefully and select “I accept the terms of the License Agreement” option. Then, click on **Next** to continue. After pressing the **Next** button, the following window appears as shown in [Figure 3](#).

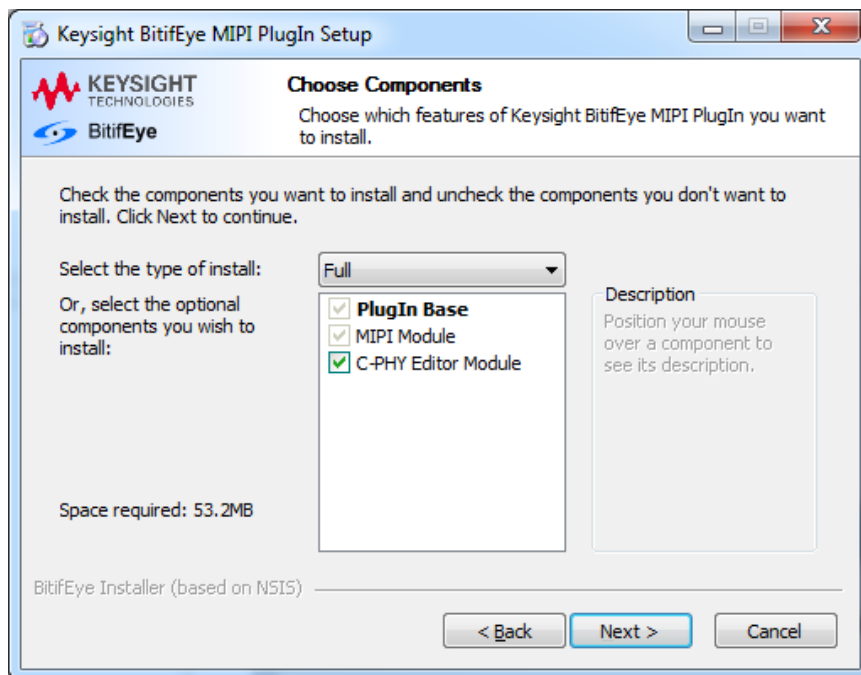


Figure 3: MIPI Plugin Setup Choose Components Window

4. Click on the **Next** button to continue to the next step. The following window will appear as shown in [Figure 4](#).

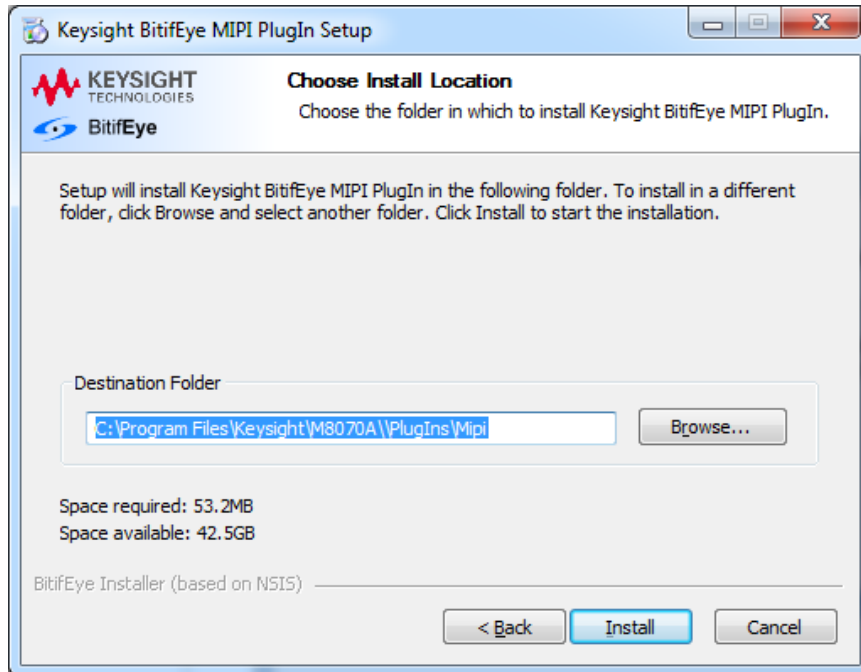


Figure 4: MIPI Plugin Setup Choose Install Location Window

5. Click the **Browse...** button to select the destination folder where the software shall be installed.
6. Next, click the **Install** button to install the software. The following window will appear as shown in [Figure 5](#).

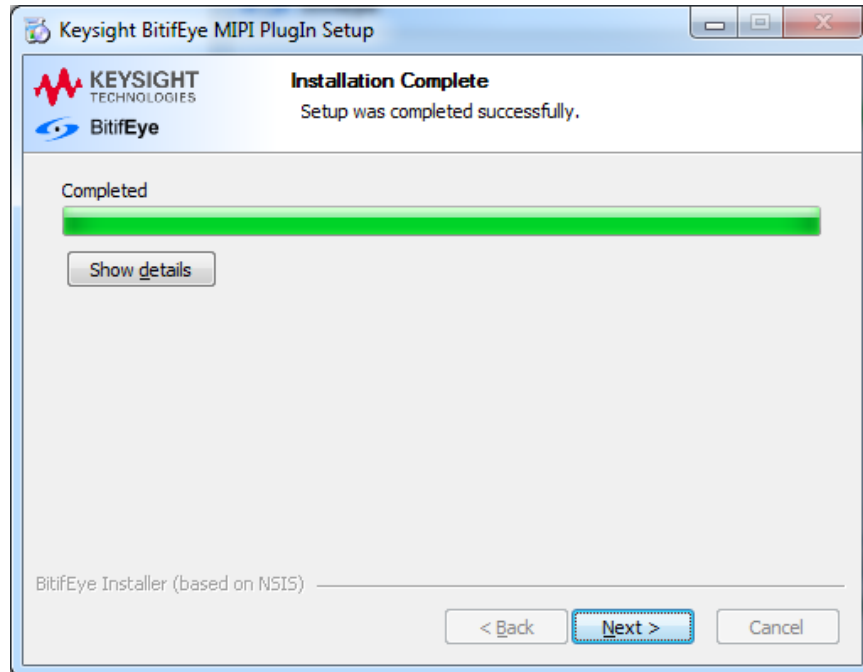


Figure 5: MIPI Plugin Setup Installation Status Window

7. Once the installation is completed, click the **Next** button to continue. The following window will appear as shown in [Figure 6](#).

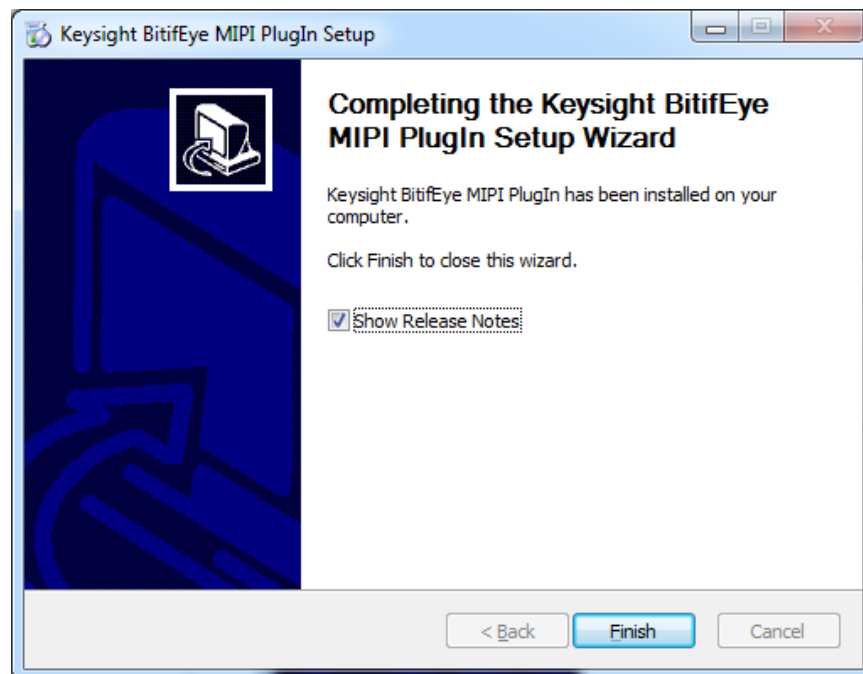


Figure 6: N5990A Installation Completion Window

8. Click on the **Finish** button to complete the MIPI Receiver Test Solutions plugin installation.

1.4 How to Access the MIPI Receiver Test Solutions Plugins through M8070A System Software

Follow the steps to access an installed plug-in through M8070A system software:

1. Launch M8070A system software user interface.
2. In the M8070A user interface, go to **Menu Bar** and then click **Application menu**. It will show “MIPI D-PHY Editor” and “MIPI D-PHY CTS” plug-ins.
3. Select the **MIPI D-PHY Editor** plug-in. The **MIPI D-PHY Editor** plug-in user interface will appear as shown in [Figure 7](#).

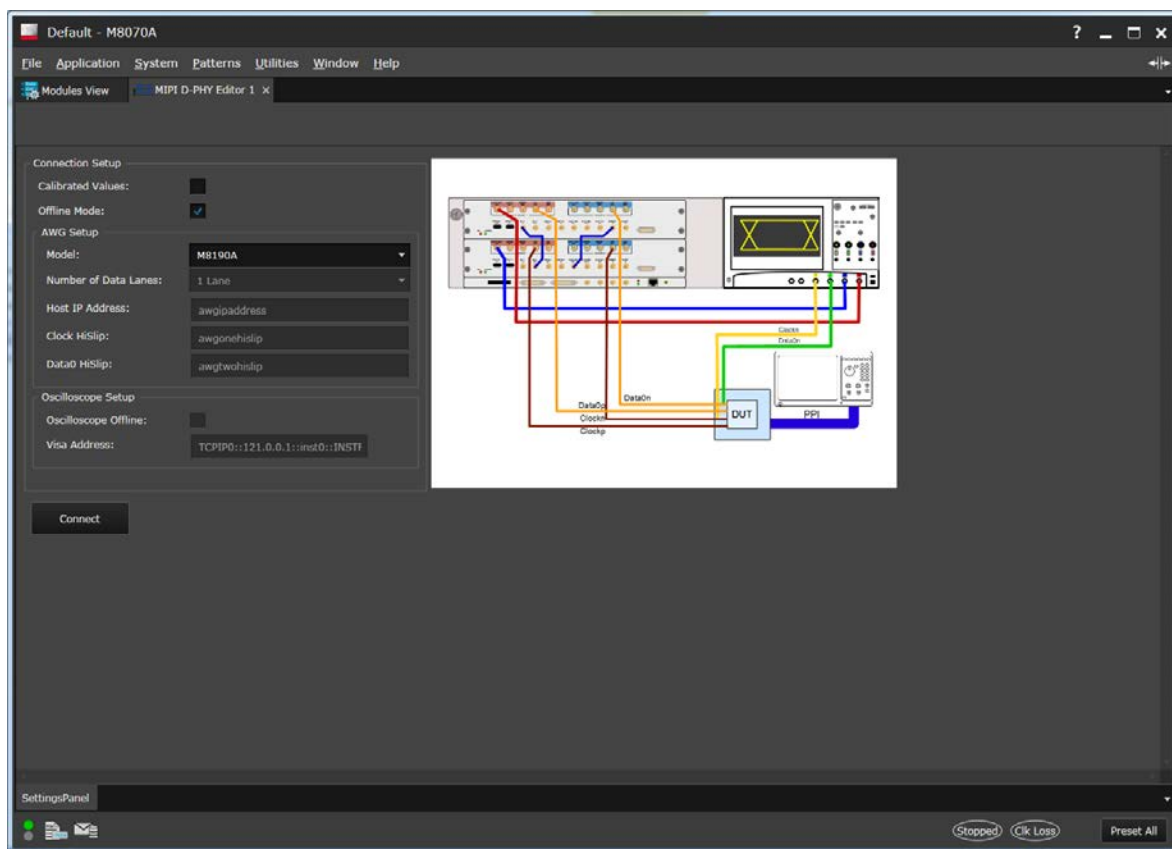


Figure 7: D-PHY Editor Plug-in User Interface

- Similarly, you can select the **MIPI D-PHY CTS** plug-in. The **MIPI D-PHY CTS** plug-in user interface will appear as shown in [Figure 8](#).

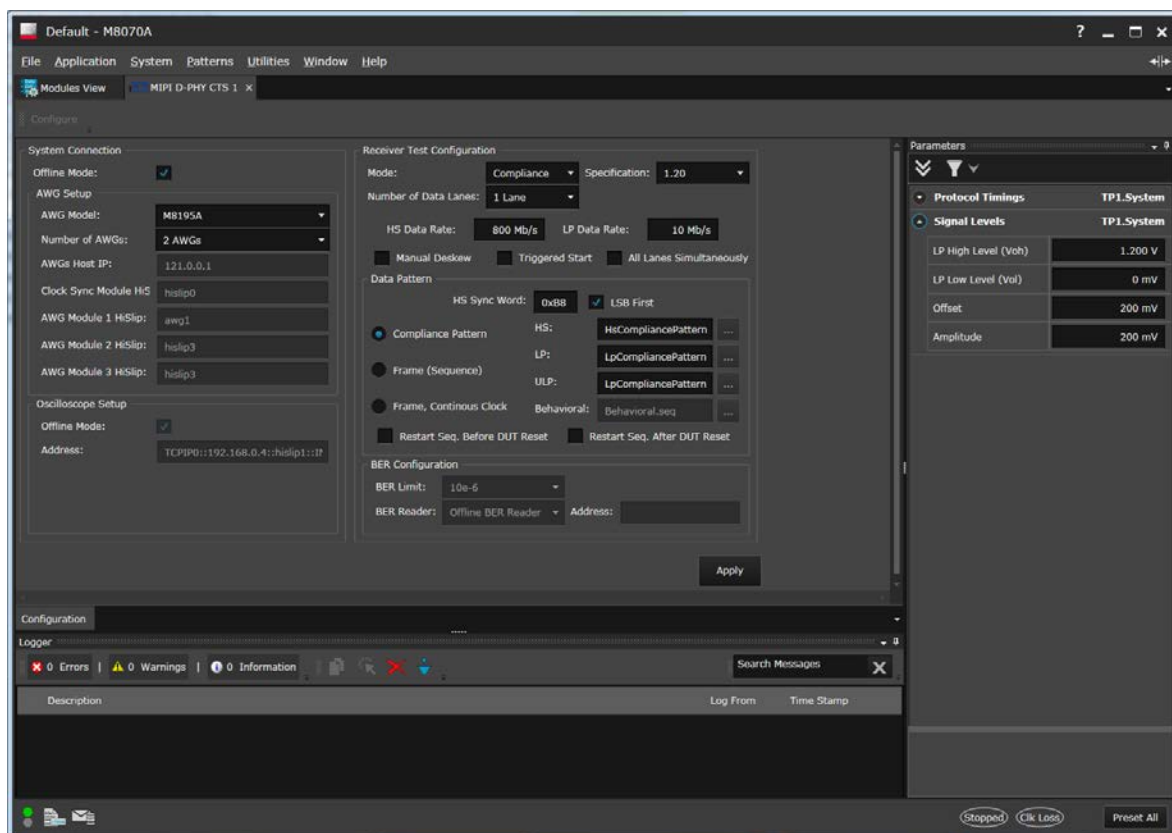


Figure 8: D-PHY CTS Plug-in User Interface

For complete details on how to operate the **MIPI D-PHY Editor plugin** user interface, refer to the *MIPI D-PHY Editor User Guide*.

For complete details on how to operate the **MIPI D-PHY CTS plugin** user interface, refer to the *MIPI D-PHY Receiver Test Configuration User Guide*.

1.5 Contacting Keysight Technologies

For more information on Keysight Technologies' products, applications or services, please contact your local Keysight office. The complete list is available at:

www.keysight.com/find/contactus.



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