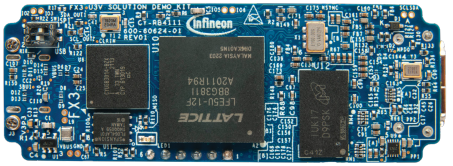
Quick start guide

EZ-USB™ FX3 USB3 Vision solution demo kit

CY-RB4111









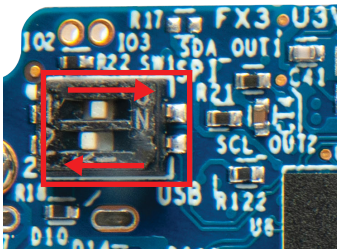
Kit contents

1. EZ-USB™ FX3 USB3 Vision solution demo kit
2. SuperSpeed USB-C cable
3. HDMI cable
4. Quick start guide (this document)

www.infineon.com/FX3

Before you start

1. Ensure that you have a Windows 10 PC with the following:
   - One USB 3.x Type-C port
   - 1.0 GHz or higher CPU clock
2. Download and install Pleora eBUS Player:
   - For https://tinyurl.com/Window64Bit
   - For https://tinyurl.com/Window32Bit
3. Set the boot mode switch SW1 to boot from SPI flash (SW1.1 – ON, SW1.2 – OFF).

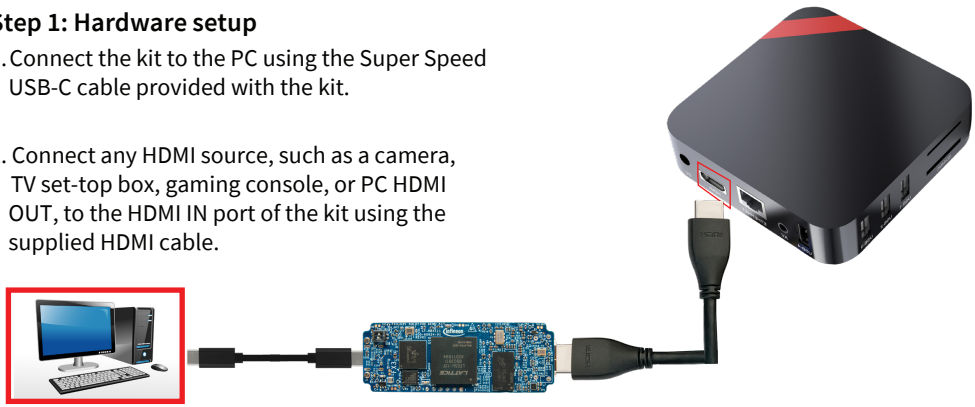


Boot mode switch in SPI mode

Step 1: Hardware setup

1. Connect the kit to the PC using the Super Speed USB-C cable provided with the kit.

2. Connect any HDMI source, such as a camera, TV set-top box, gaming console, or PC HDMI OUT, to the HDMI IN port of the kit using the supplied HDMI cable.

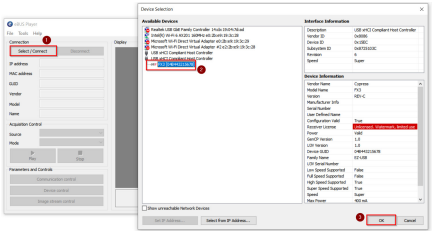


Connect kit to PC and HDMI source via SuperSpeed USB-C and HDMI cables respectively

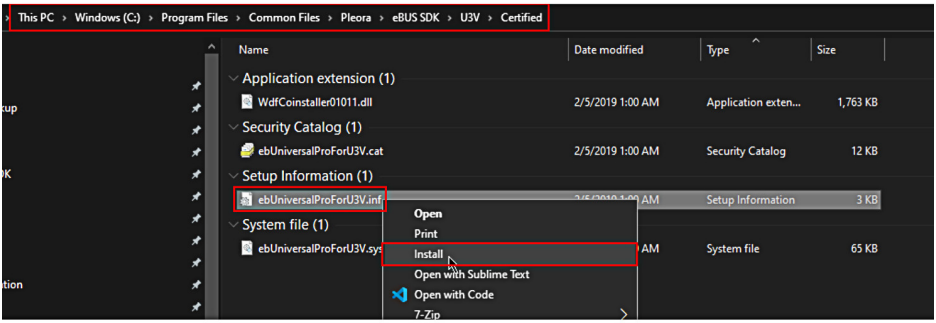
Step 2: Select USB3 Vision device in eBUS Player

1. On eBUS Player, click **Select/Connect**.
2. Check if FX3 is detected.
3. Click **OK**.

Note: If FX3 is not detected, go to "C:\Program Files\Common Files\Pleora\eBUS SDK\U3V\Certified" and install the U3V driver.



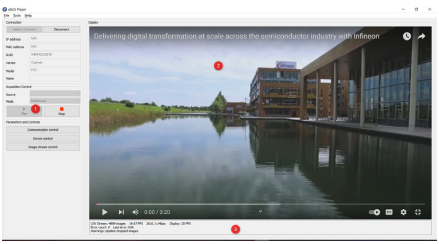
Selecting USB3 Vision device in eBUS Player application



Installing driver for USB3 Vision player (eBUS player)

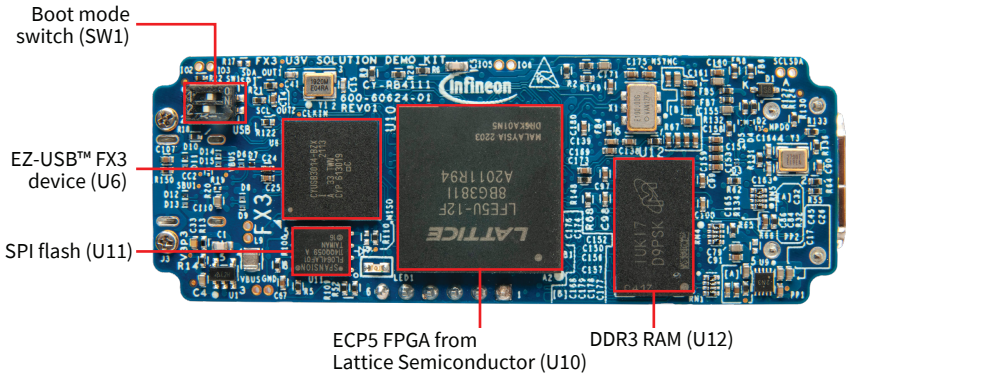
Step 3: View the video stream

1. Click **Play**.
2. Observe the streaming video in the display pane.
3. View the streaming statistics in the status pane below the display pane.

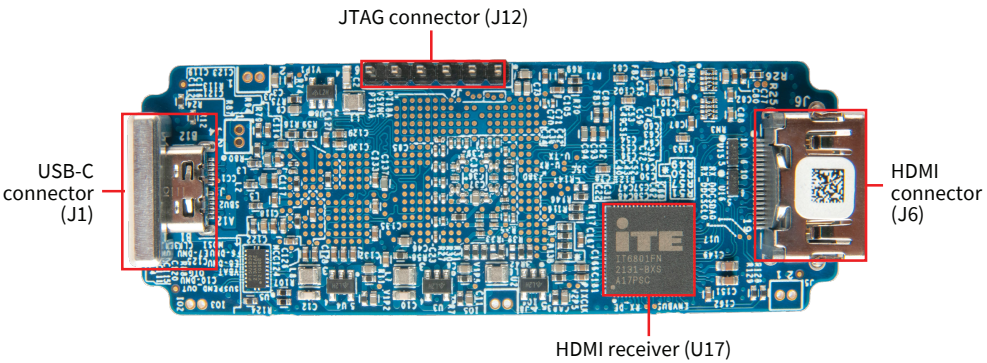


Video stream

CY-RB4111 EZ-USB FX3™ USB3 Vision solution demo kit card (Top view)



CY-RB4111 EZ-USB FX3™ USB3 Vision solution demo kit card (Bottom view)



See the kit guide available on the kit website for details.

Document number: 002-36119 Rev. *A
Date: 10 / 2022

All rights reserved. © 2022 Infineon Technologies AG