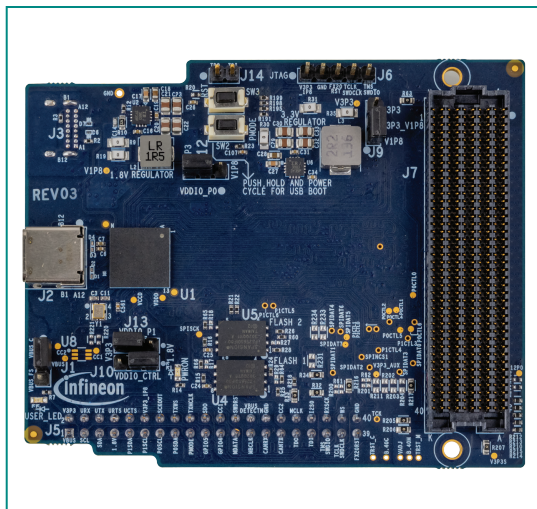


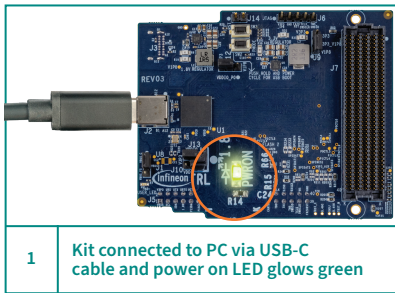
EZ-USB™ FX5N Development Kit

KIT_FX5N_FMC_001

Kit contents

1. EZ-USB™ FX5N DVK
2. USB-C cable
3. Quick start guide (this document)

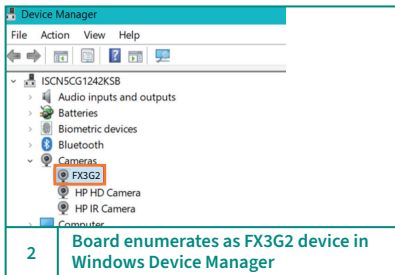




Before you start

1. Ensure that you have a PC with USB-C port that supports USB 3.2 Gen 1x2 or USB 3.2 Gen 2x2 data transfer. You can also use the kit with USB 3.2 Gen 1x1 and USB 3.2 Gen 2x1 ports. The frame rate of the video will be reduced when used with these USB ports.
2. Ensure that the jumpers are set to the following:

Jumper	Position
J1	1-2
J9	1-2
J10	1-2
J12	2-3
J13	2-3

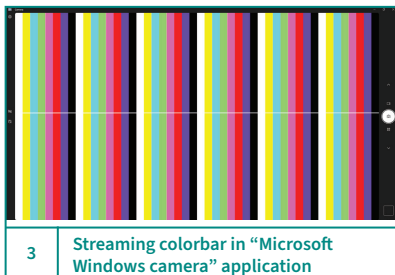


Step 1: Connect and power up the board

Connect the kit connector (J2) to the PC using the USB-C cable provided with the kit. The power on LED glows green when connected.

Step 2: EZ-USB™ FX5N enumeration

Driver installation starts automatically, wait for the driver installation to complete. The board enumerates as **FX3G2** device under Cameras in **Windows** -> **Device Manager** application.



Step 3: Stream UVC video from FX5N

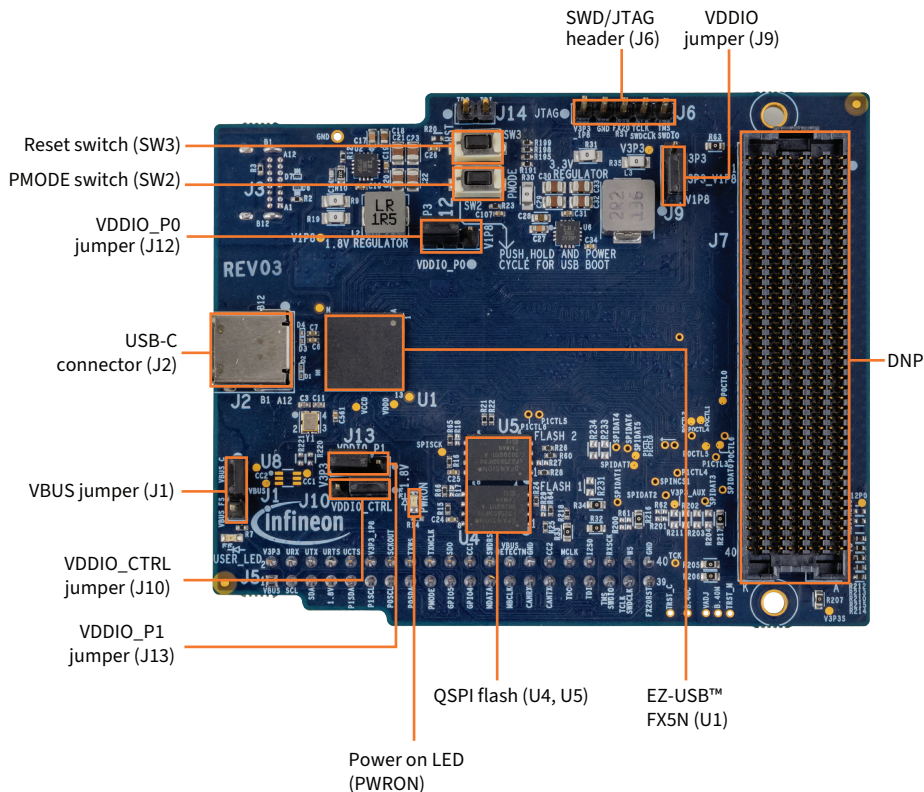
The kit comes pre-loaded with internal pattern generator firmware, enabling users to stream a 4K colorbar video from FX5N to any UVC streaming application.

1. Open any UVC video player, such as **Microsoft Windows camera** application in Windows.
2. Click the flip camera button.

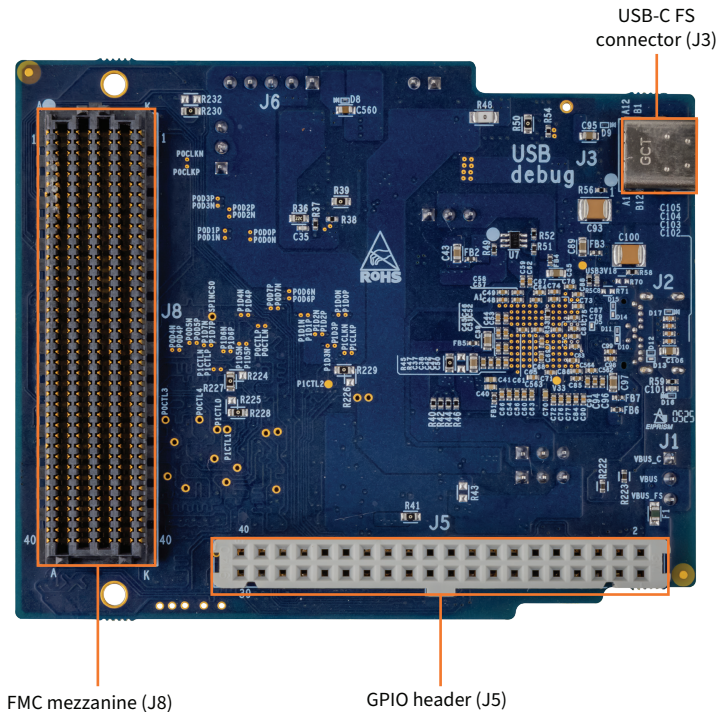
The 4K colorbar streams at around 60 fps on the video player.

For more details, refer the kit user guide.

KIT_FX5N_FMC_001 (top view)



KIT_FX5N_FMC_001 (bottom view)



See the kit guide available at www.infineon.com/FX5N for more details.

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