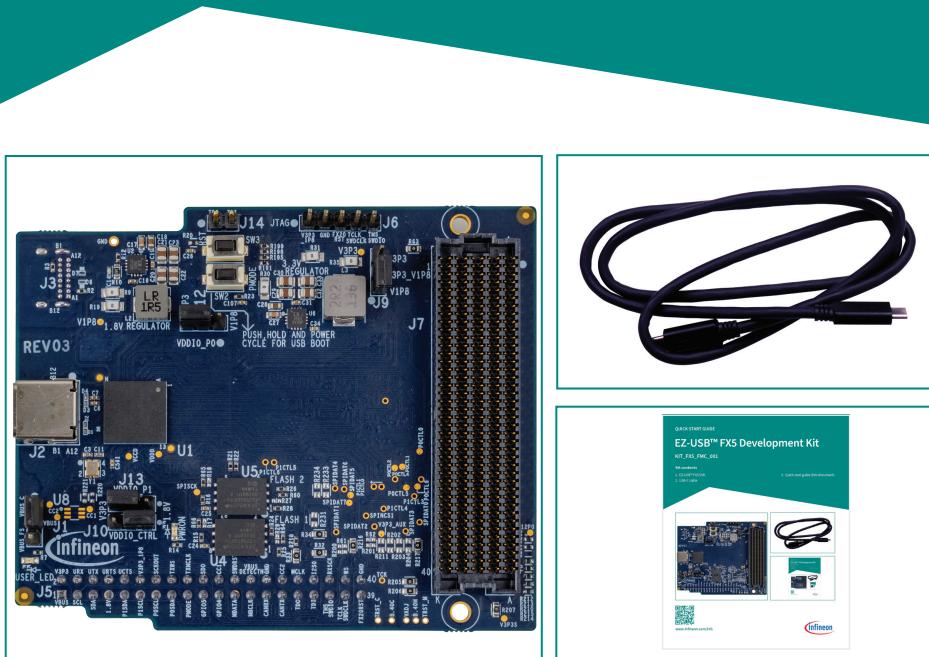


EZ-USB™ FX5 Development Kit

KIT_FX5_FMC_001

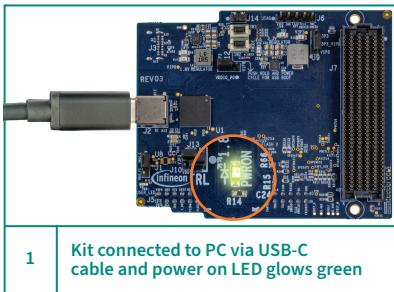
Kit contents

1. EZ-USB™ FX5 DVK
2. USB-C cable
3. Quick start guide (this document)



www.infineon.com/FX5

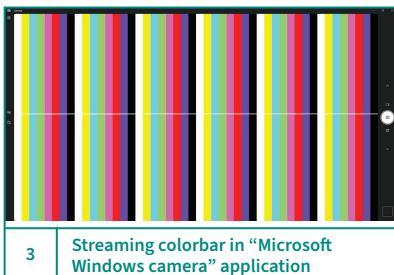
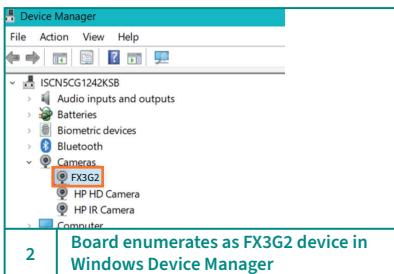




Before you start

1. Ensure that you have a PC with USB-C port that supports USB 3.2 Gen 1 or higher data transfer.
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™ FX5 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 FX5

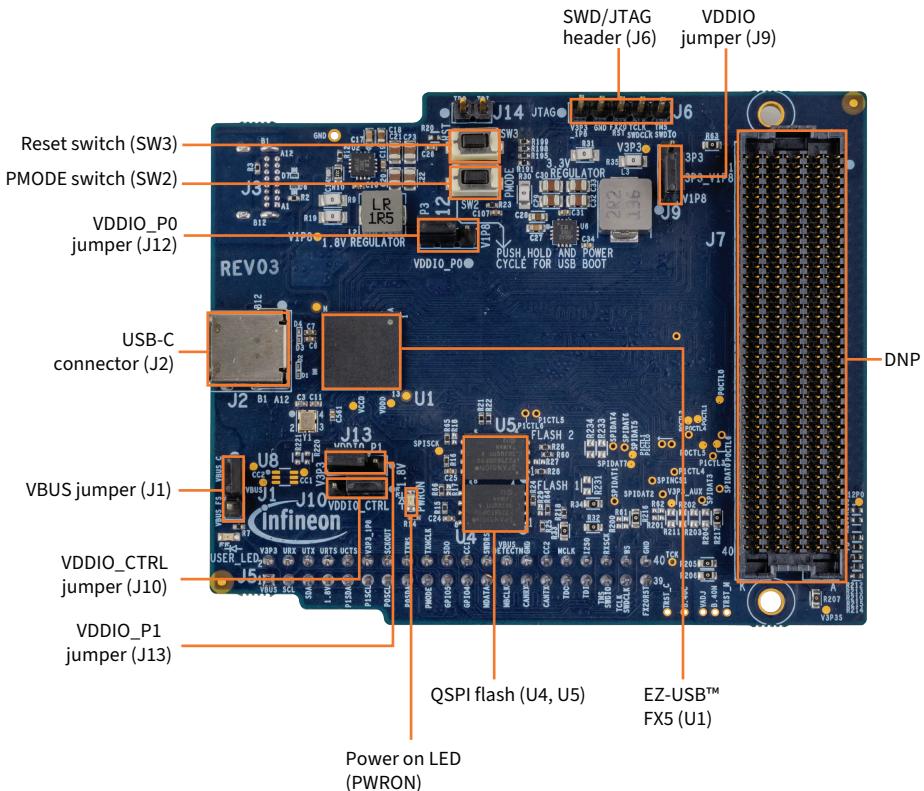
The kit comes pre-loaded with internal pattern generator firmware, enabling users to stream a 4K colorbar video from FX5 to any UVC streaming application.

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

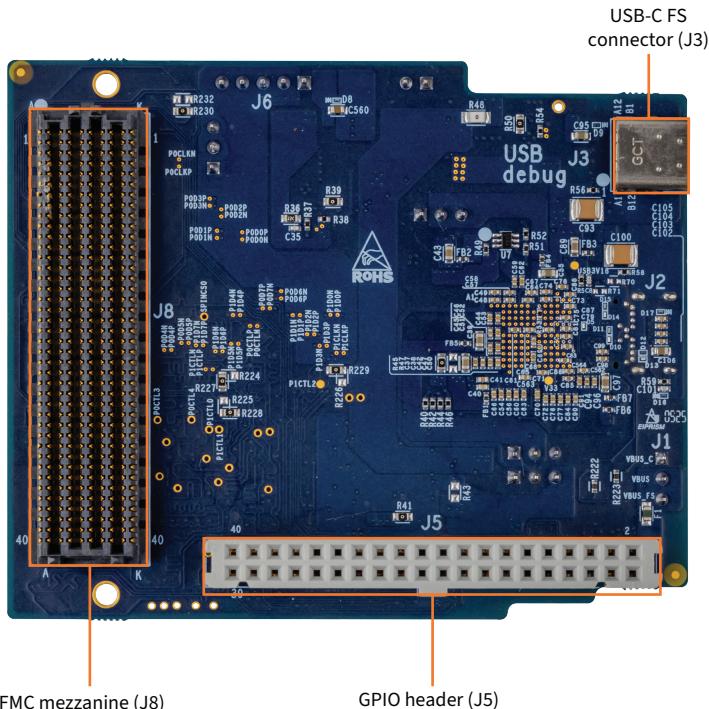
The 4K colorbar streams at around 30 fps on the video player.

For more details, refer the kit user guide.

KIT_FX5_FMC_001 (top view)



KIT_FX5_FMC_001 (bottom view)



See the kit guide available at www.infineon.com/FX5 for more details.

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