

## QUICK START GUIDE

# EZ-USB™ FX10 Development Kit

KIT\_FX10\_FMC\_001

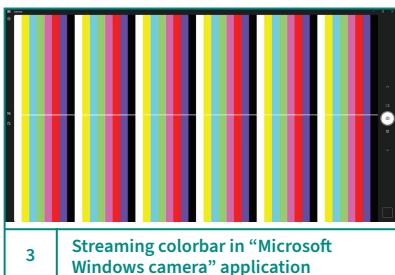
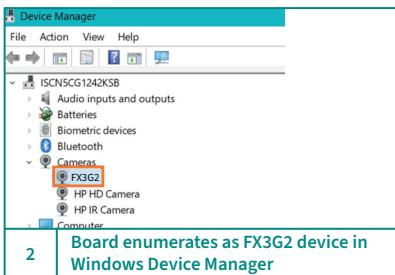
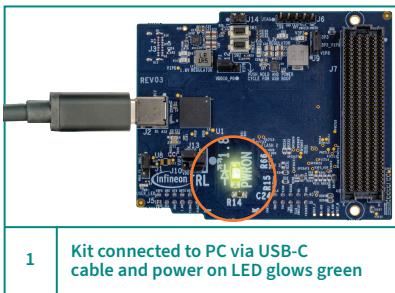
## Kit contents

1. EZ-USB™ FX10 DVK
2. USB-C cable
3. Quick start guide (this document)



[www.infineon.com/FX10](http://www.infineon.com/FX10)

The Infineon logo consists of the word "infineon" in a blue, sans-serif font, with a red swoosh graphic extending from the top of the 'i' and the bottom of the 'n'.



## Before you start

1. Ensure that you have a PC with USB-C port that supports USB 3.2 Gen 2x1 or USB 3.2 Gen 2x2 data transfer. You can also use the kit with USB 3.2 Gen 1 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™ FX10 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.

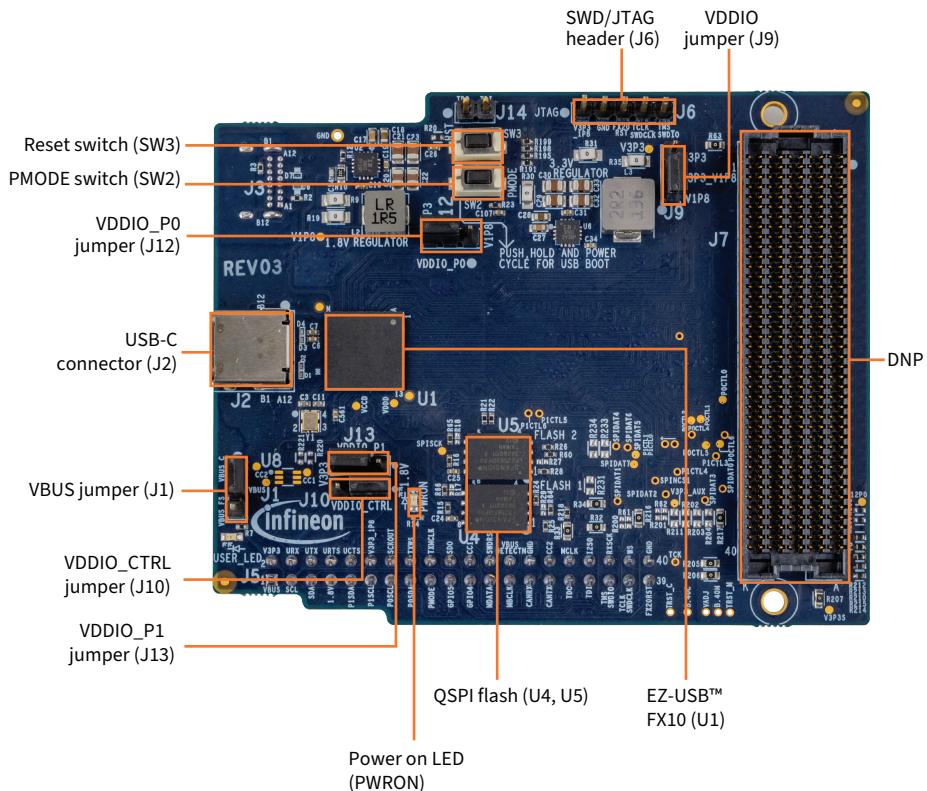
## Step 3: Stream UVC video from FX10

The kit comes pre-loaded with internal pattern generator firmware, enabling users to stream a 4K colorbar video from FX10 to any UVC streaming application.

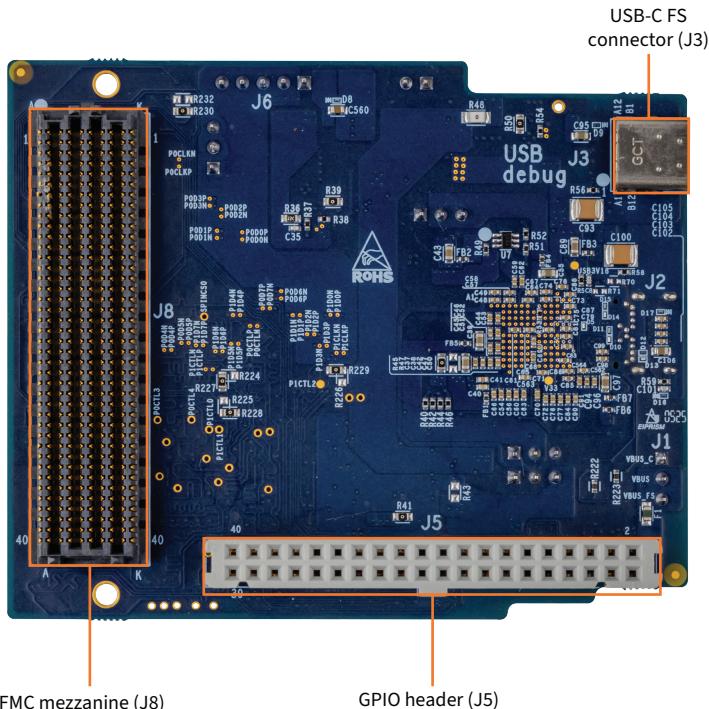
1. Open any UVC video player, such as **Microsoft Windows camera** application in Windows.
2. Click the flip camera button. The 4K colorbar streams at around 60 fps on the video player.

For more details, refer the kit user guide.

# KIT\_FX10\_FMC\_001 (top view)



## KIT\_FX10\_FMC\_001 (bottom view)



See the kit guide available at [www.infineon.com/FX10](http://www.infineon.com/FX10) for more details.

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