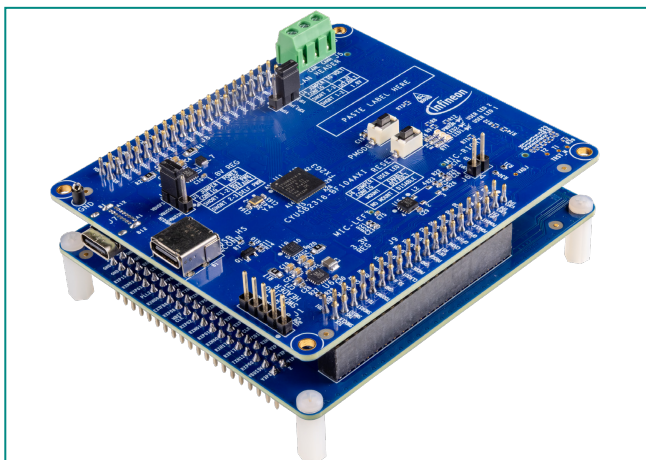


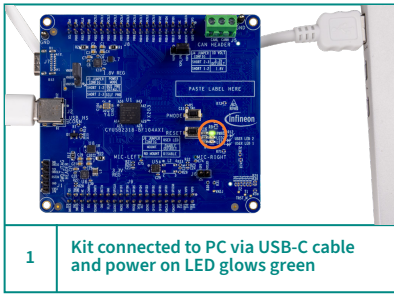
EZ-USB™ FX2G3 DVK

KIT_FX2G3_104LGA

Kit contents

1. EZ-USB™ FX2G3 DVK – baseboard
2. EZ-USB™ FX2G3 DVK – FPGA add-on board
3. Hi-speed USB-C cable



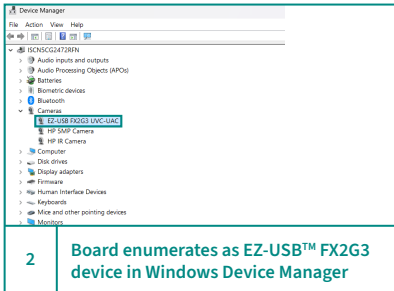


1 Kit connected to PC via USB-C cable and power on LED glows green

Before you start

1. Ensure that you have a PC with USB 2.0 Type-A port.
2. Ensure that the jumper setting is as given in the following table.

Jumper	Position
J3	1-2
J4	2-3



2 Board enumerates as EZ-USB™ FX2G3 device in Windows Device Manager

Step 1: Connect and power up the board

Connect the kit Type-C connector (J2) to PC using the USB 2.0 Type-C cable provided with the kit. The power on LED (PWRON) glows green when connected.

Step 2: EZ-USB™ FX2G3 enumeration

EZ-USB™ FX2G3 driver installation starts automatically. Once the installation completes, the board enumerates as “EZ-USB™ FX2G3 UVC-UAC” device under **Cameras** in Windows “Device Manager” application.



3 Streaming colorbar in Microsoft Windows camera application

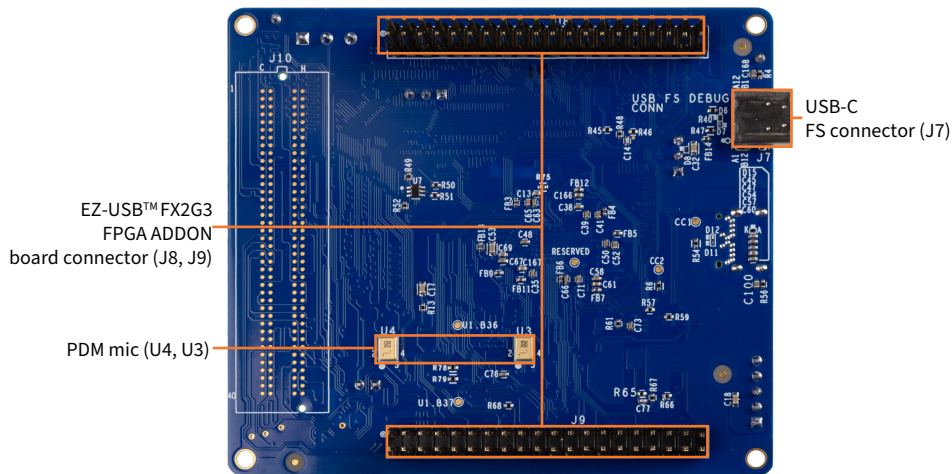
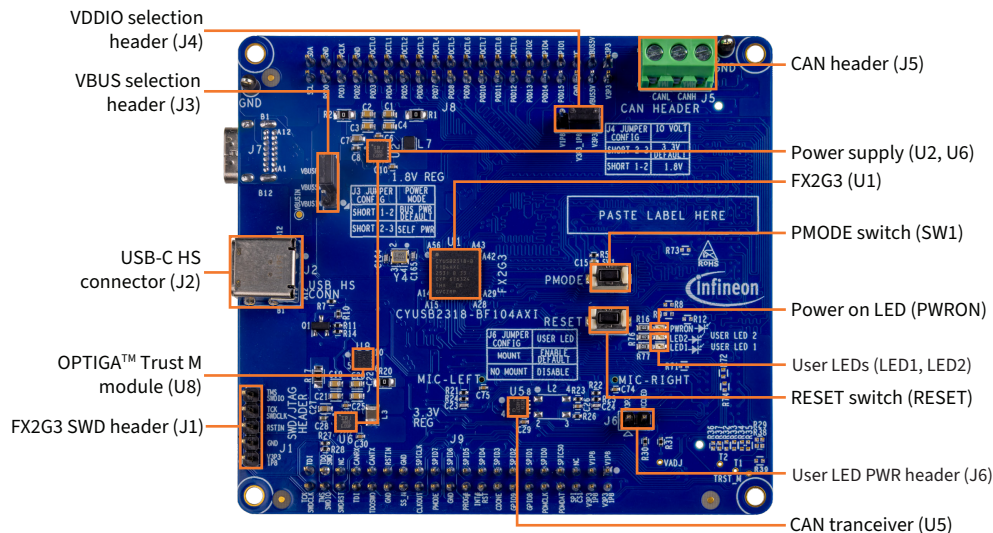
Step 3: Stream UVC video from EZ-USB™ FX2G3

The kit comes pre-loaded with the internal pattern generator firmware that allows users to stream a colorbar video from EZ-USB™ FX2G3 onto any UVC streaming application.

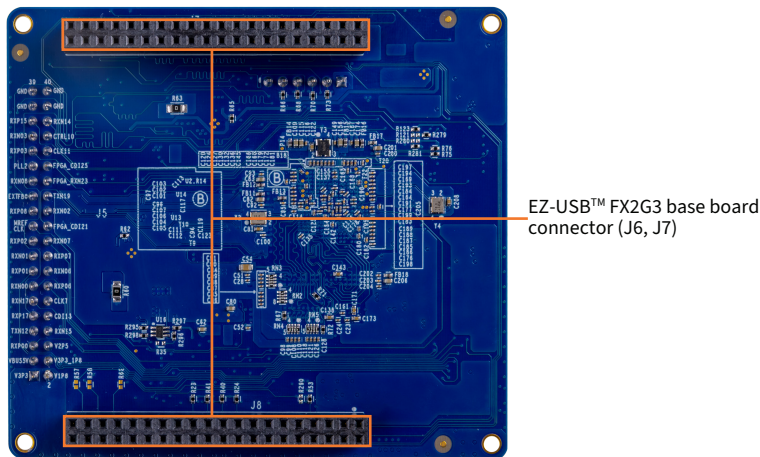
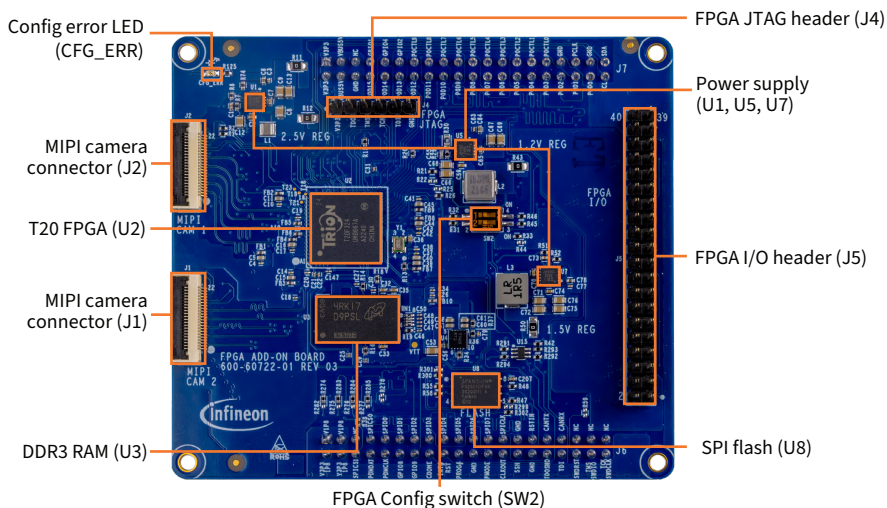
1. Open any UVC video player such as “Microsoft Windows camera” application in Windows.
2. Click the flip camera button. The colorbar streams on the video player.

Note: For more details, see the kit user guide.

KIT_FX2G3_104LGA baseboard (top and bottom view)



KIT_FX2G3_104LGA FPGA add-on board (top and bottom view)



See the kit guide available at www.infineon.com/FX2G3 for more details.