

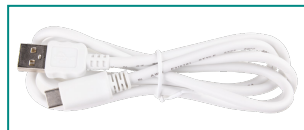
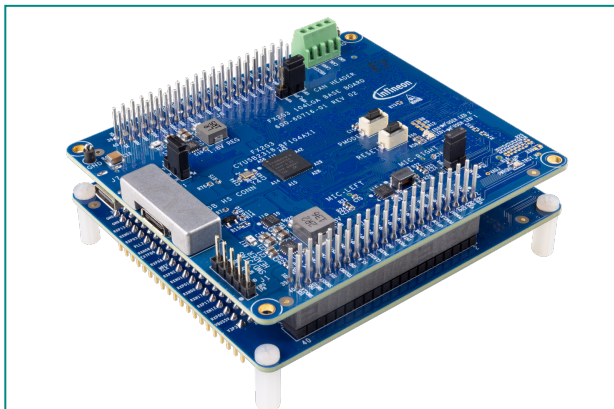
## QUICK START GUIDE

# EZ-USB™ FX2G3 DVK

KIT\_FX2G3\_104LGA

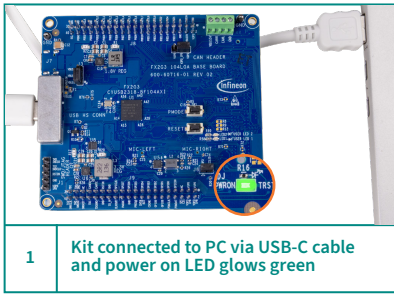
### Kit contents

1. EZ-USB™ FX2G3 DVK – baseboard
2. EZ-USB™ FX2G3 DVK – FPGA add-on board
3. Hi-speed USB-C cable
4. Quick start guide (this document)



[www.infineon.com/FX2G3](http://www.infineon.com/FX2G3)

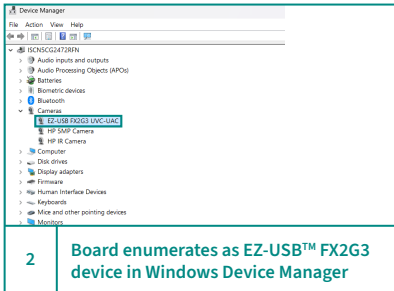




## Before you start

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
J6	1-2



## 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.



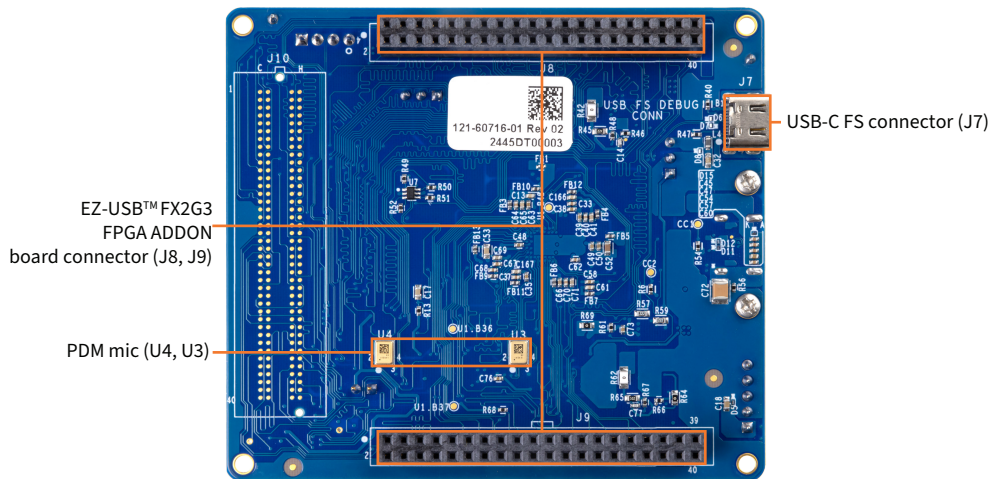
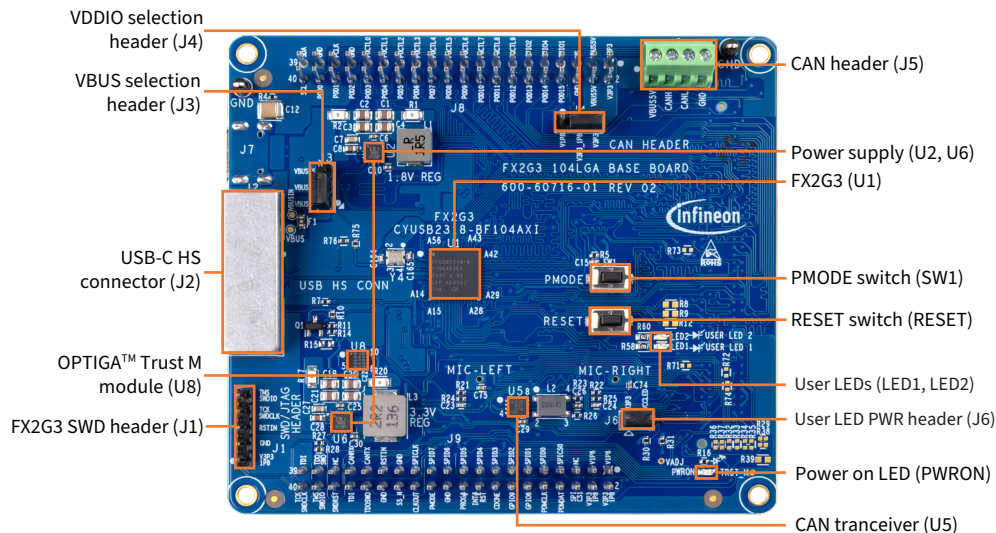
## Step 3: Stream UVC video from EZ-USB™ FX2G3

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.

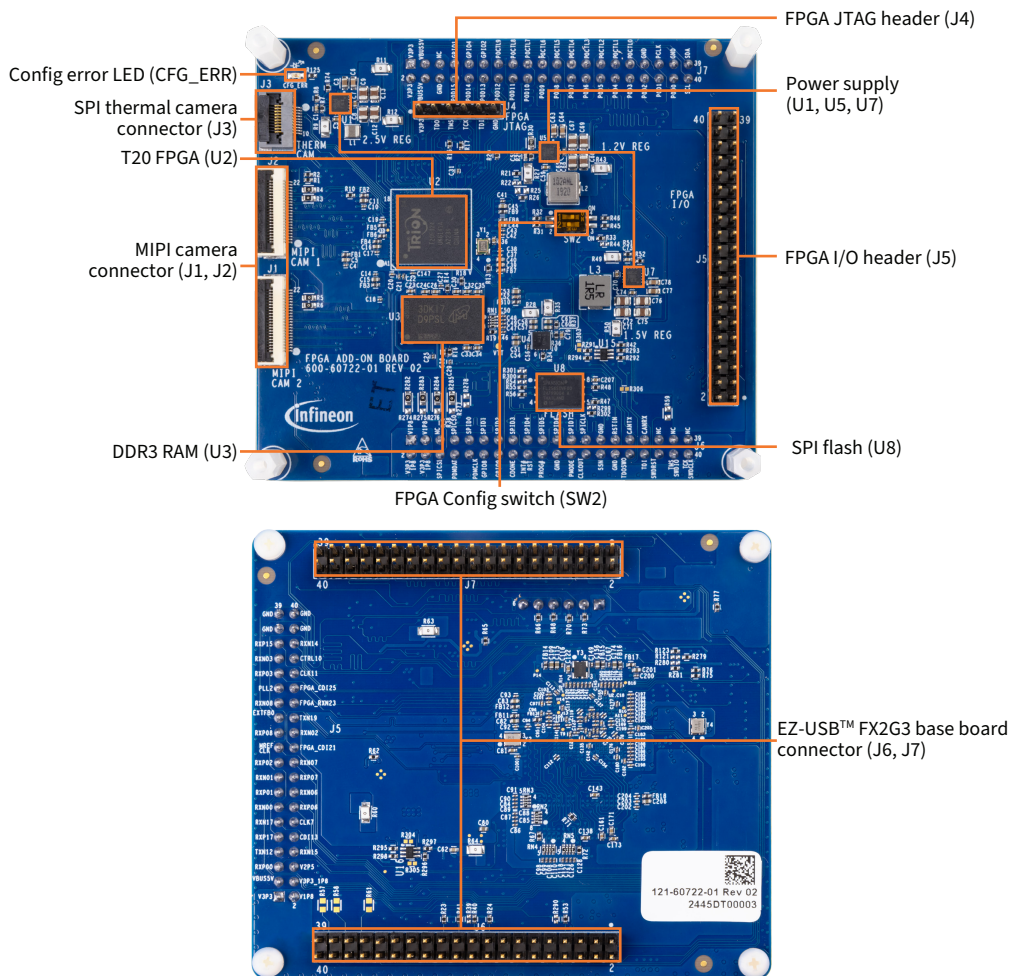
1. Open any UVC video player such as “Microsoft Windows camera” application in Windows.
2. Click the flip camera button. The colorbar streams on the video player.

**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](http://www.infineon.com/FX2G3) for more details.