

# CY3689 EZ-USB<sup>®</sup> FX2LP DISCOVERY KIT QUICK START GUIDE





### Step 1: Software Setup

- EZ-USB FX2LP shares the same SDK as FX3. Download and install the latest SDK from the EZ-USB FX3 SDK web page (www.cypress.com/documentation/ software-and-drivers/ez-usb-fx3-software -development-kit)
- Download and unzip the example projects from the CY3689 Discovery Kit web page (www.cypress.com/CY3689)



## Step 3: Driver Installation

Drivers are installed automatically. In Windows Device Manager, under **Universal Serial Bus controllers**, the CY3689 Discovery Kit board appears as **Cypress FX2LP No EEPROM Device**. If automatic driver binding does not occur, do the following to manually bind the driver:

- In Device Manager, locate the Unknown device under Other devices, right-click the device, and select Update Driver. The drivers are located under <FX3 SDK Installed Directory>\<version>\driver\bin.
- Select a driver based on the operating system. For example, on Windows 10 (64-bit), select Win10\x64.



#### Step 2: Hardware Connection

- Ensure that jumpers J1 and J2 are populated.
- Connect the 'B' end of the Micro-B USB cable (not supplied with the kit) to the board and connect the other end to a PC.
- Confirm that LED1 (Power LED) glows green. Otherwise, push SW1 to power the board.

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## Step 4: Start USB Control Center

- Open the USB Control Center application (CyControl.exe) from <FX3 SDK installed directory>\<version>\application\c\_sharp\ controlcenter\bin\Release.
- The CY3689 Discovery Kit board appears as Cypress FX2LP No EEPROM Device in the left panel of USB Control Center.
- Now, the kit is ready for use. Identify the firmware example project (see Step 1) to evaluate the FX2LP functionality and program it using USB Control Center. See Chapter 5 of the Kit User Guide for more details.

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