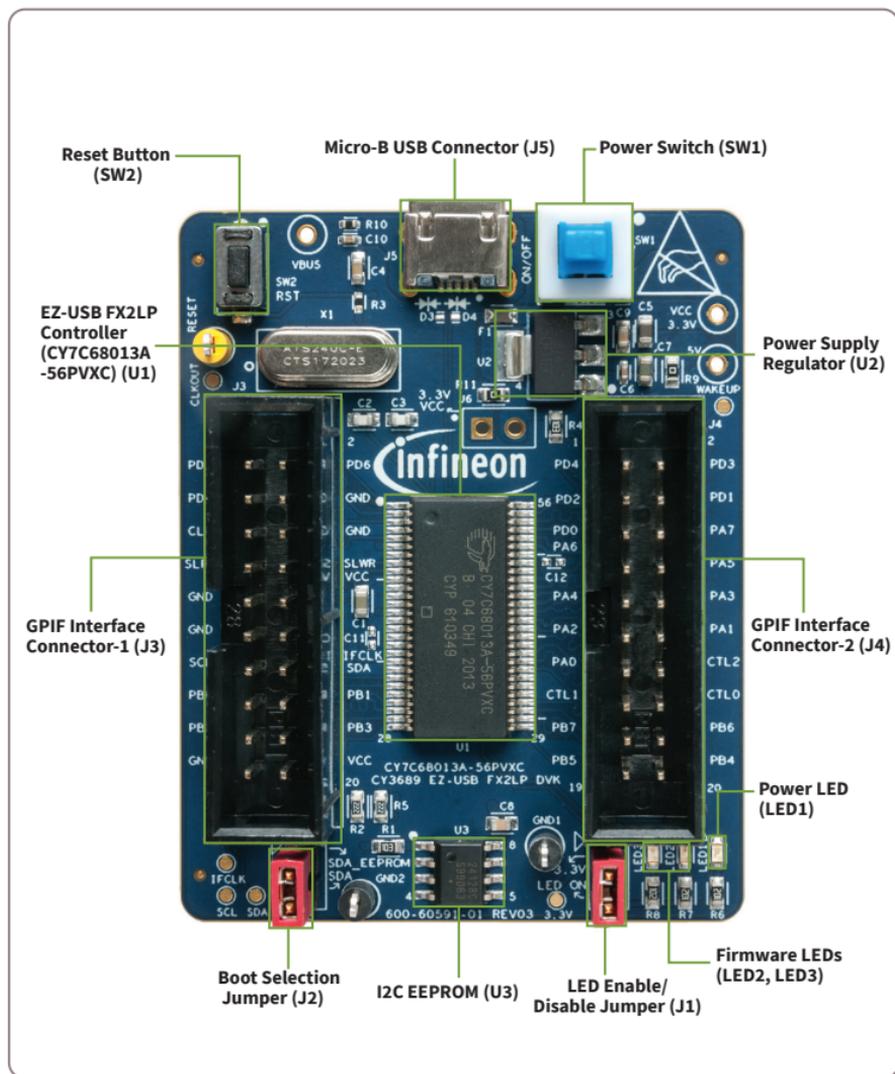


CY3689 EZ-USB® FX2LP DISCOVERY KIT

QUICK START GUIDE

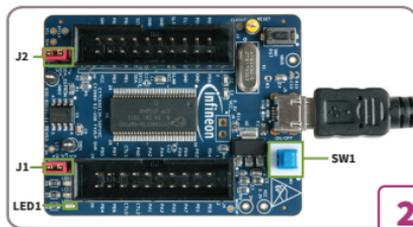




1

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)



2

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.



3

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`.



4

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.