Megawin

USB DFU

User Manual

MEGAWIN

MAKE YOU WIN

Device Firmware Upgrade

1 Introduction

DFU (Device Firmware Upgrade) can perform Firmware Upgrade directly through USB Cable, without

reconnecting Device, by taking some simple steps. Please refer to the following detail steps.

2 Use DFU (Fig-1)

Step1: This ID is registered at USB-IF by Vender. (" 0x0E6A " is registered under Megawin

Technology Co., Ltd. at USB-IF.   Any third party needs the written approval from Megawin in

order to use this VID.)**(**note)**

Step2: This is a product ID that define by Vender. **(**note)**

Step3: "Load" file which you want to upgrade.

Step4: "Upgrade" to process upgrade procedure.

Step5: Upgrade information will be show in here.

Step6: "**Exit**" will exit the DFU Application.

**note: If the user has manual switched the Device to DFU section (as stated at following Q2), this step could be omitted.
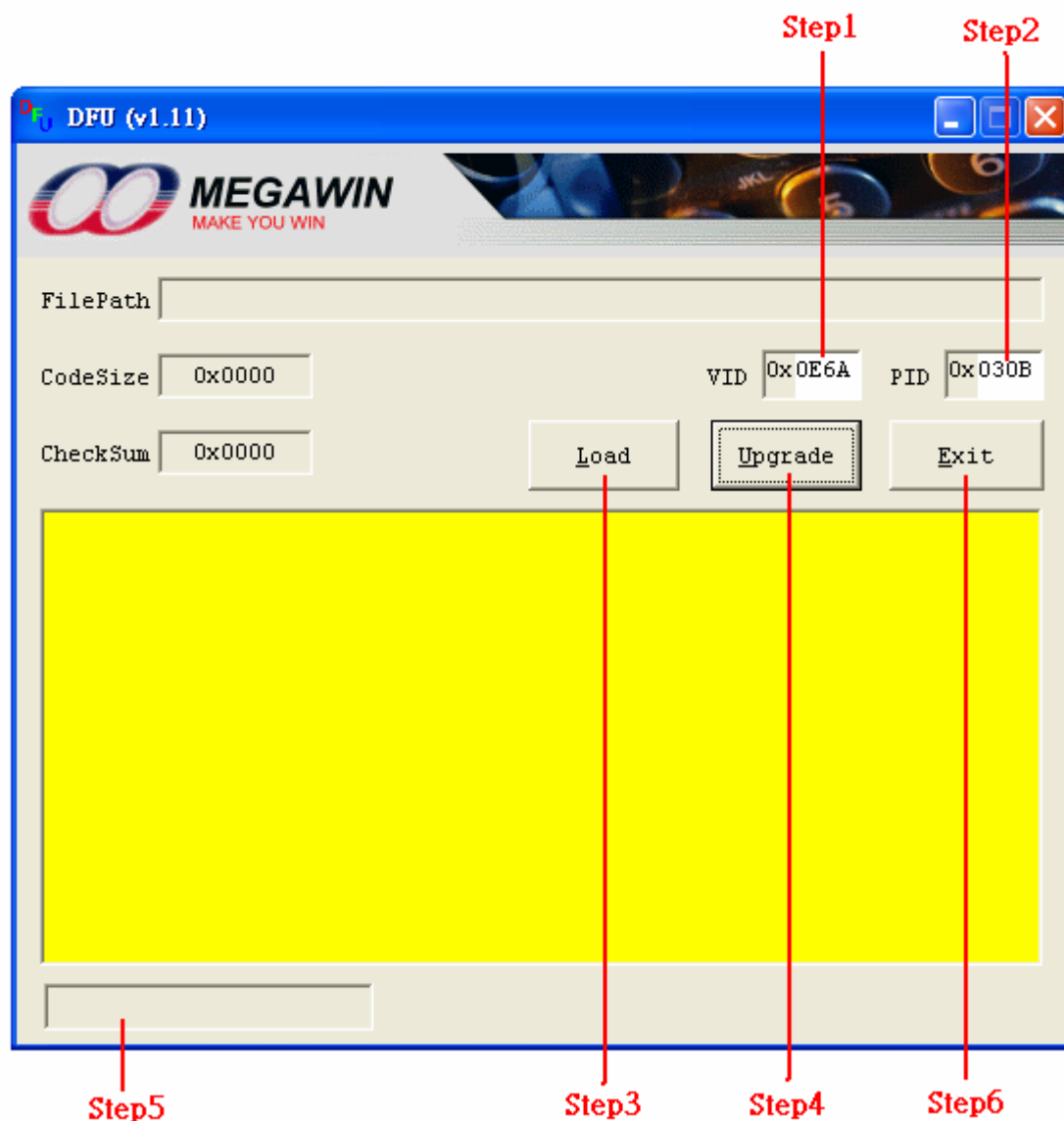
Fig-1

3　FAQ

Q1：Why appears an error message, "DFU_Reset_To_ISP_Fail !", after pushing the "Upgrade" bottom?

Ans1：Two reasons would lead to the situation. One is the different ID of VID and PID within the Device. The other is that while using Library of EasyCOM (without HID Interface Device) the user didn't manual switch the Device to DFU Section.

Q2：How to manual switch the Device to DFU Section? Why we need this function?

Ans2：Pull low the P4.3 (pin5) on Device and Enable RST (pin36 , high active) , then the deive will

boot from DFU section, This function enables the user to keep another track of performing DFU at the initial stage, where PC side AP is not available to trigger Device boot from DFU section.

Q3：How to get the information about current VID and PID within the Device?

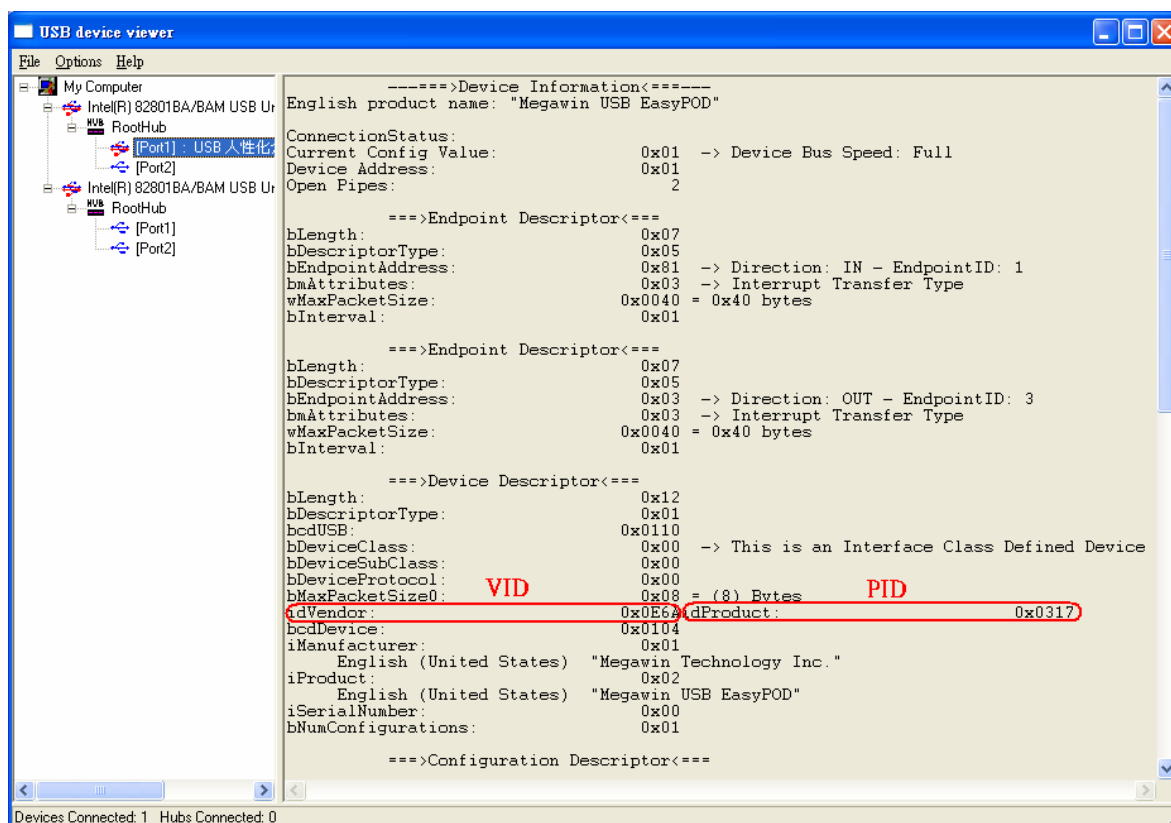**Ans3**：The user may use " UVCView " provided by Microsoft. (**Fig-2)**

Fig-2

4. Revision History

Revision	Description	Date
v1.00	Initial version	2008/06/30
v1.11	Add the information status	2008/12/29