

## How-to for TFR4SB/ TFR8SB Firmware Upgrade

### **Tools need:**

FUC-3  
FUL  
Jumper

### **PC Program need:**

FrSky firmware upgrade adapter  
FrSky USB driver

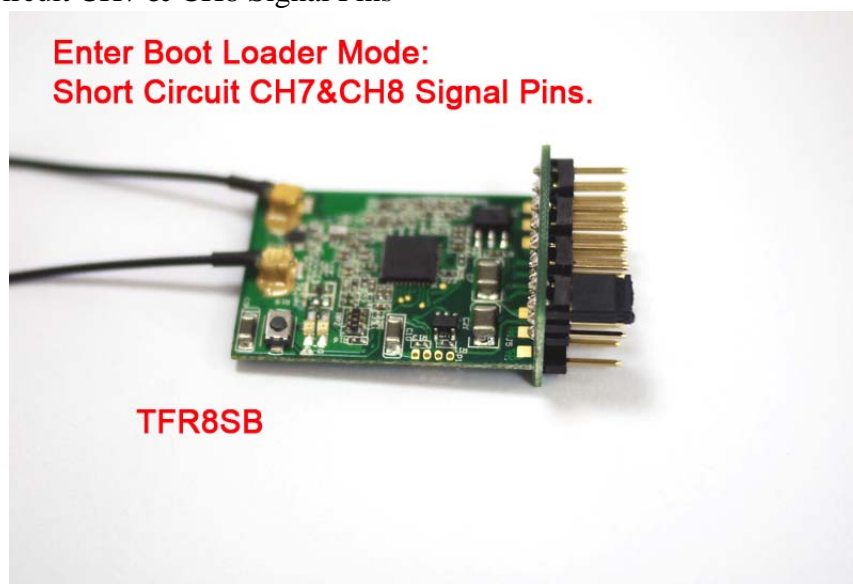
### **Step 1:**

Set TFR4SB/ TFR8SB into Boot Loader Programming Mode:

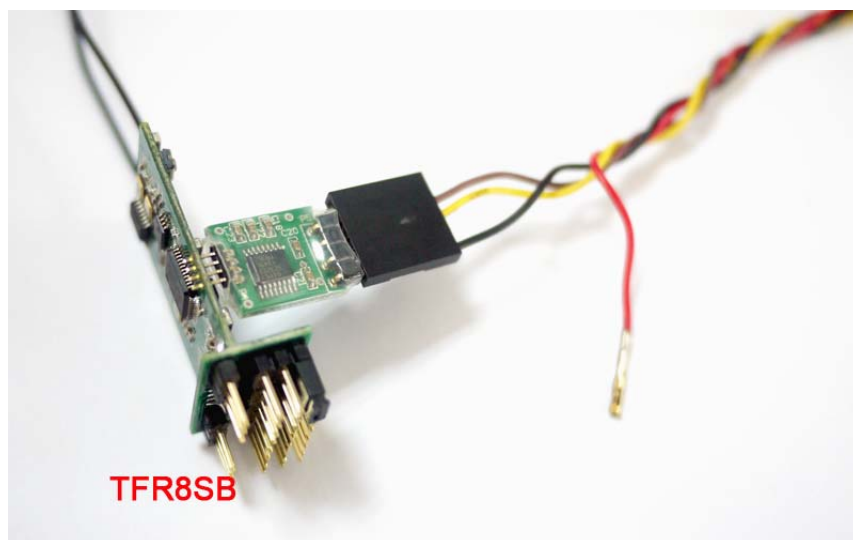
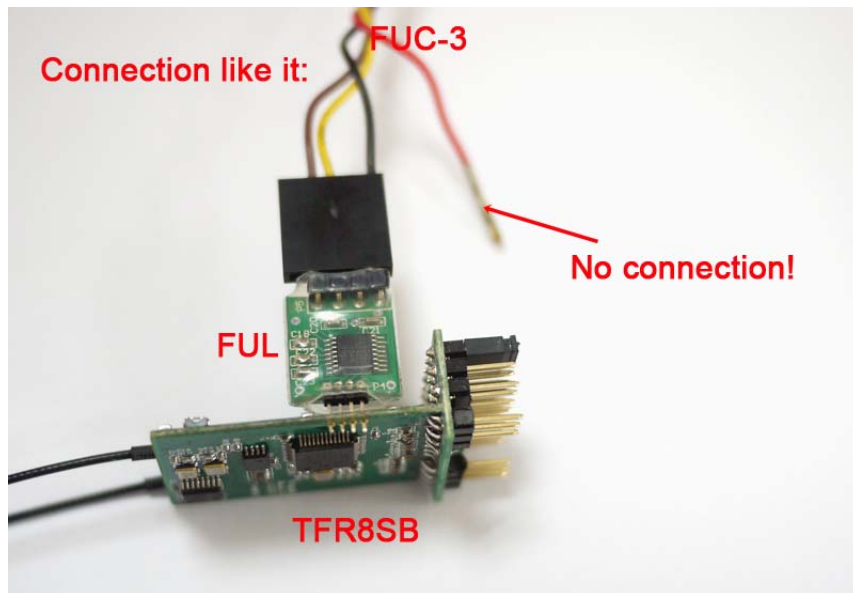
- TFR4SB  
Short Circuit CH1 & CH2 Signal Pins



- TFR8SB  
Short Circuit CH7 & CH8 Signal Pins



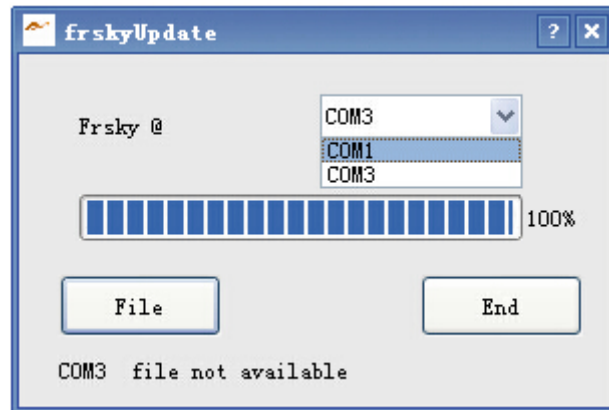
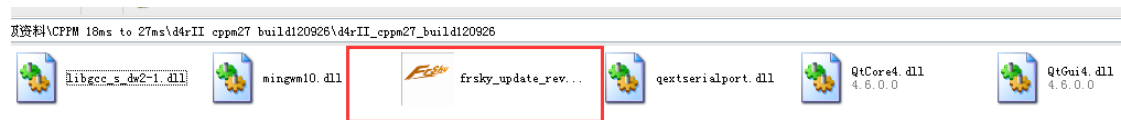
**Step 2: Connection - Take example by TFR8SB**



**Steps 3:**  
Connect FUC-3 to computer

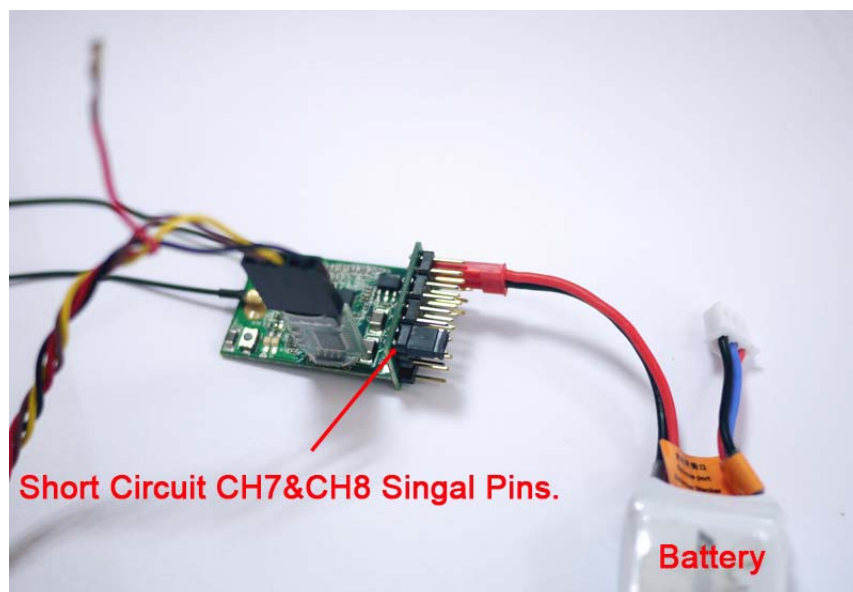
#### Step 4:

Run FrSky Firmware upgrade adapter. Match the COM port number to the one assigned by Windows, and Click file to choose the firmware you need upgrade.



#### Step 5:

Connector battery to receiver



#### Step 6:

After getting the UID number, click the Download button to start the firmware upgrade.

#### Step 7:

Exit the process by clicking the END button after finish. Unplug the jumper from the receiver.

If fail in getting COM port number or UID number, please re-connect battery, FrSky serial/USB cable and re-start from the beginning.