How to burn your JEDEC file (fuse map) into PLD ATMEL 22v10 using Wellon software.
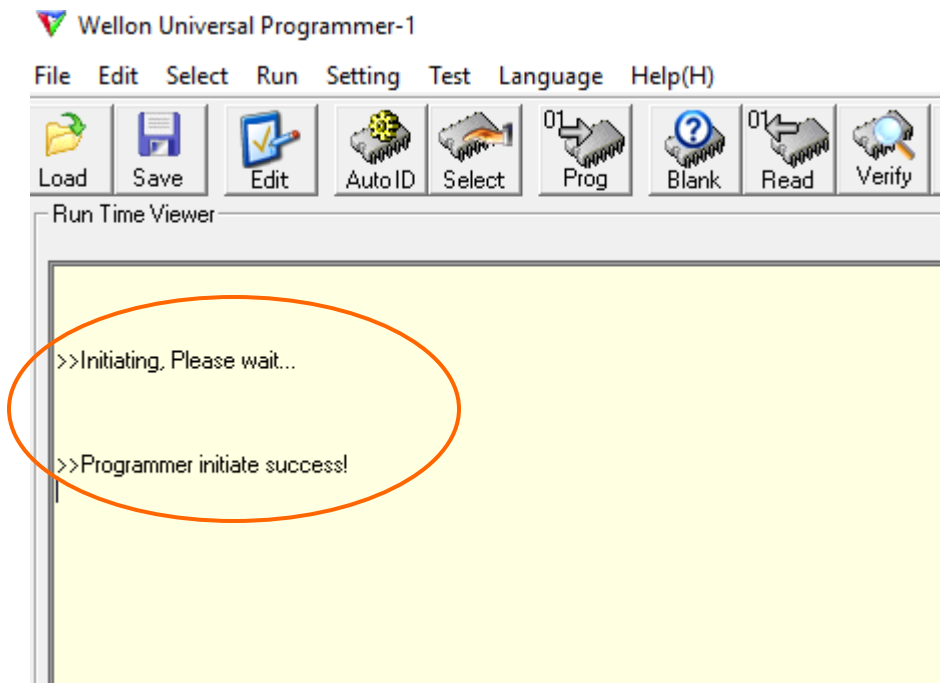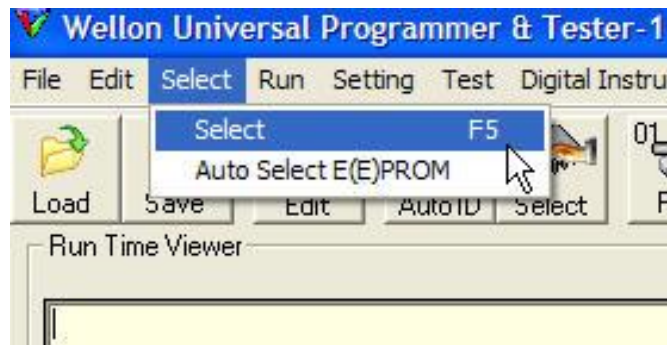

1. *Leave the socket on the programmer empty and the lever straight up*. Make sure your burner VP-596 is connected to power and USB port.
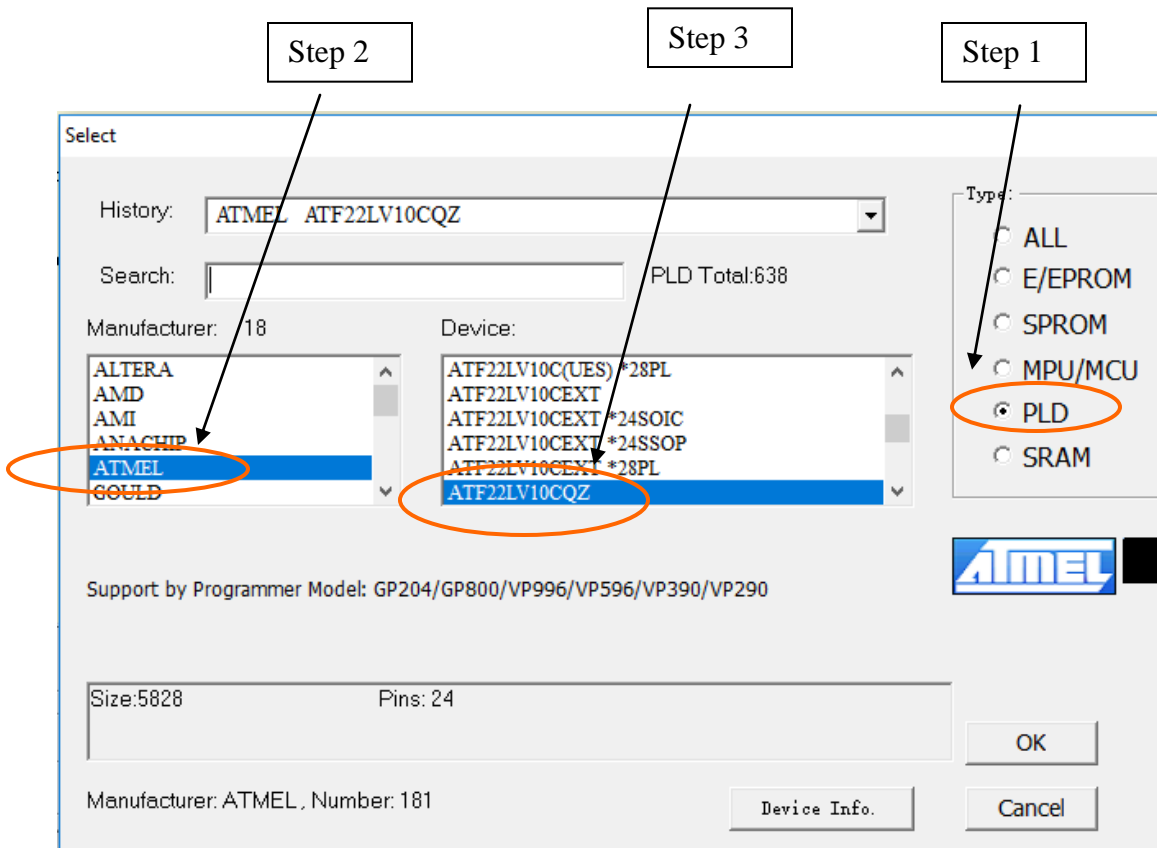
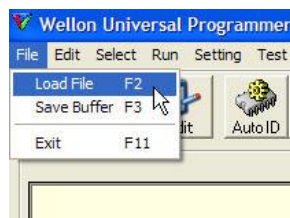   Double click on the Wellon icon ( ), that will execute the software and initialize it.

2. Select type of IC that you want to program by clicking Select -> Select
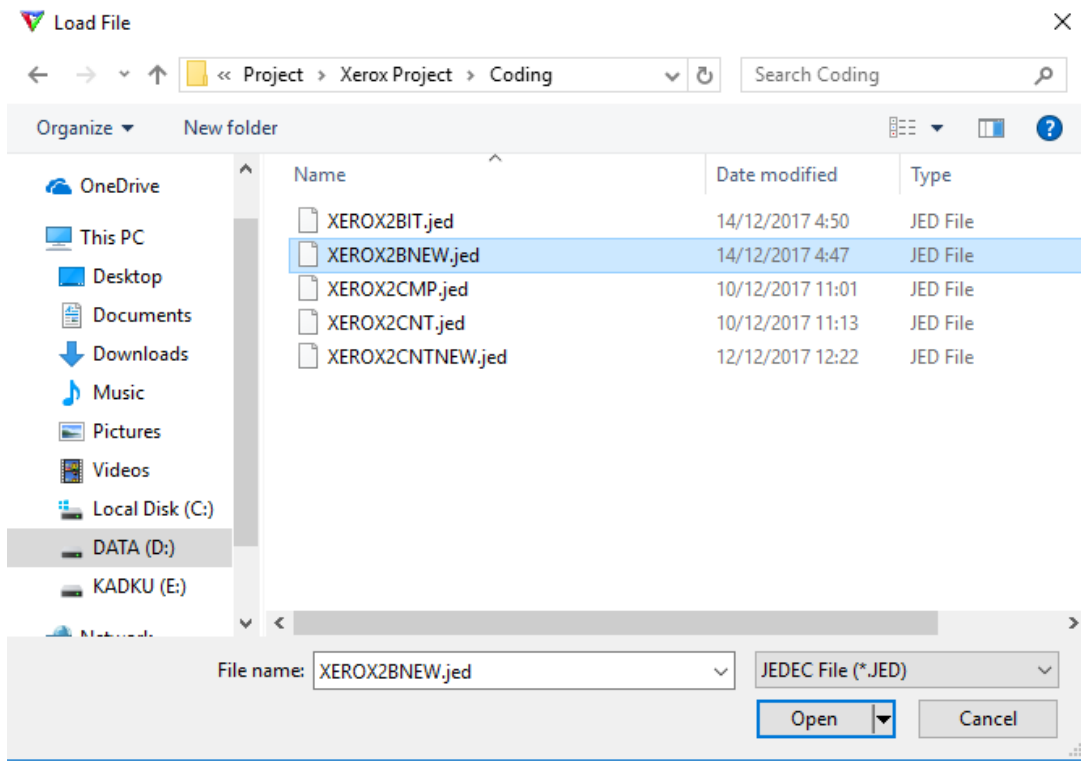
3. Then Click PLD under menu Type: .The software will load the necessary driver for that particular device.
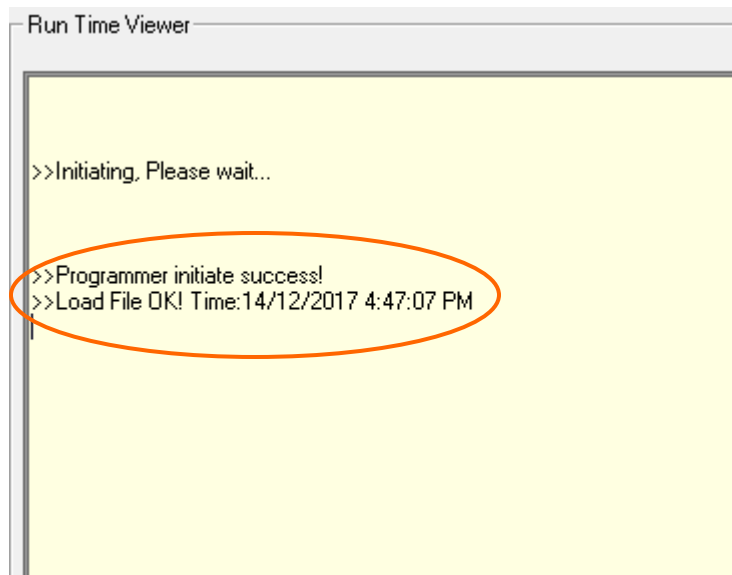
Step 2

Step 3

Step 1
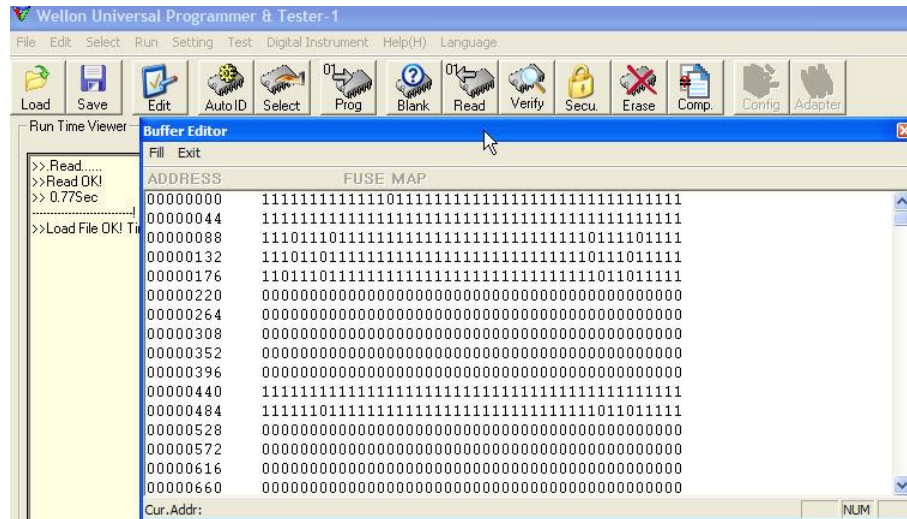

4. Load JEDEC (.JED) file. Click File -> Load File

5. Select which JEDEC file you want to load.

6. File will be loaded to the programmer's buffer. If loading of file successful then a message will be displayed
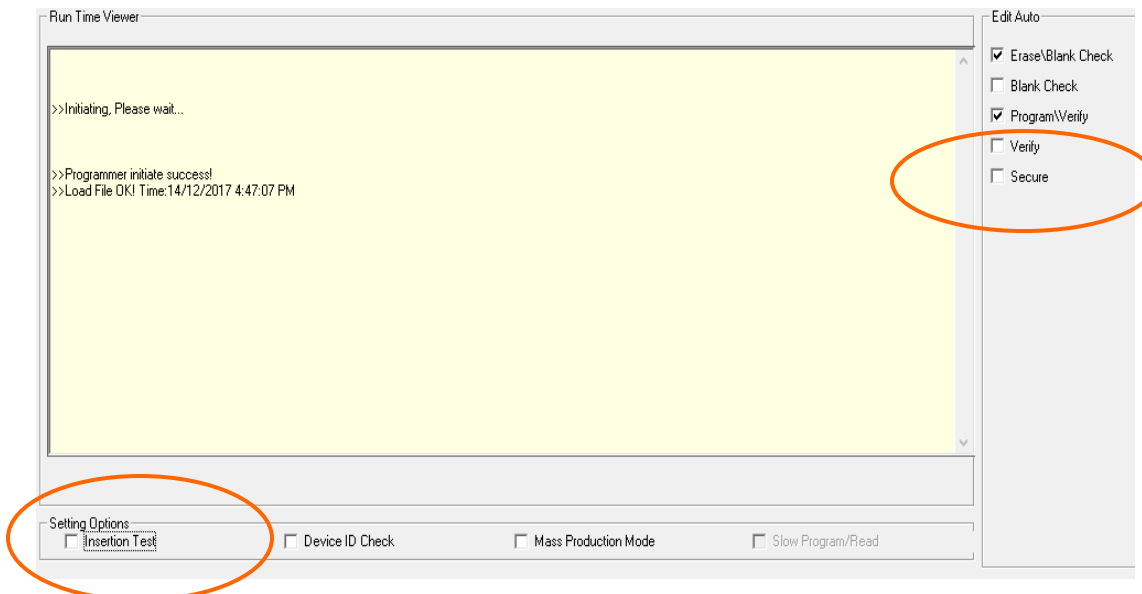
8. You can check the content of the programmer's buffer by clicking *Edit -> Edit Buffer*. If the content of the buffer all 0's or all 1's it mean there is a problem during loading. Your buffer should have the same pattern of 0's and 1's as in your **.JED** file

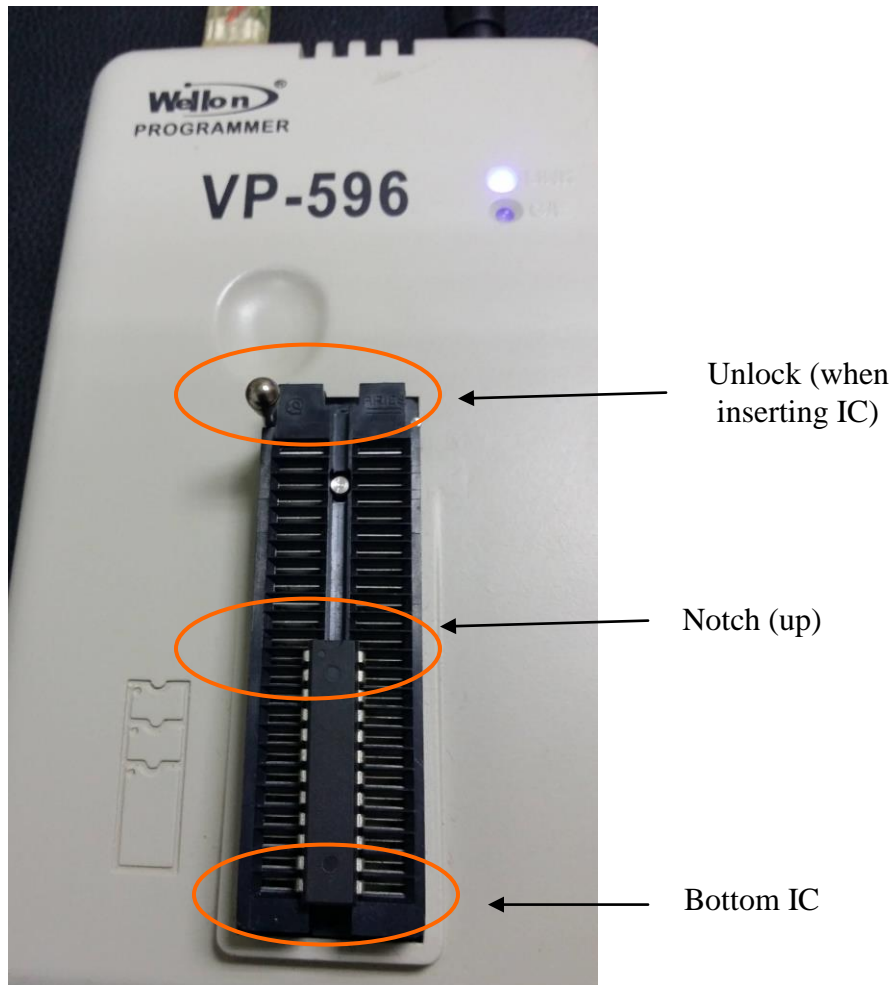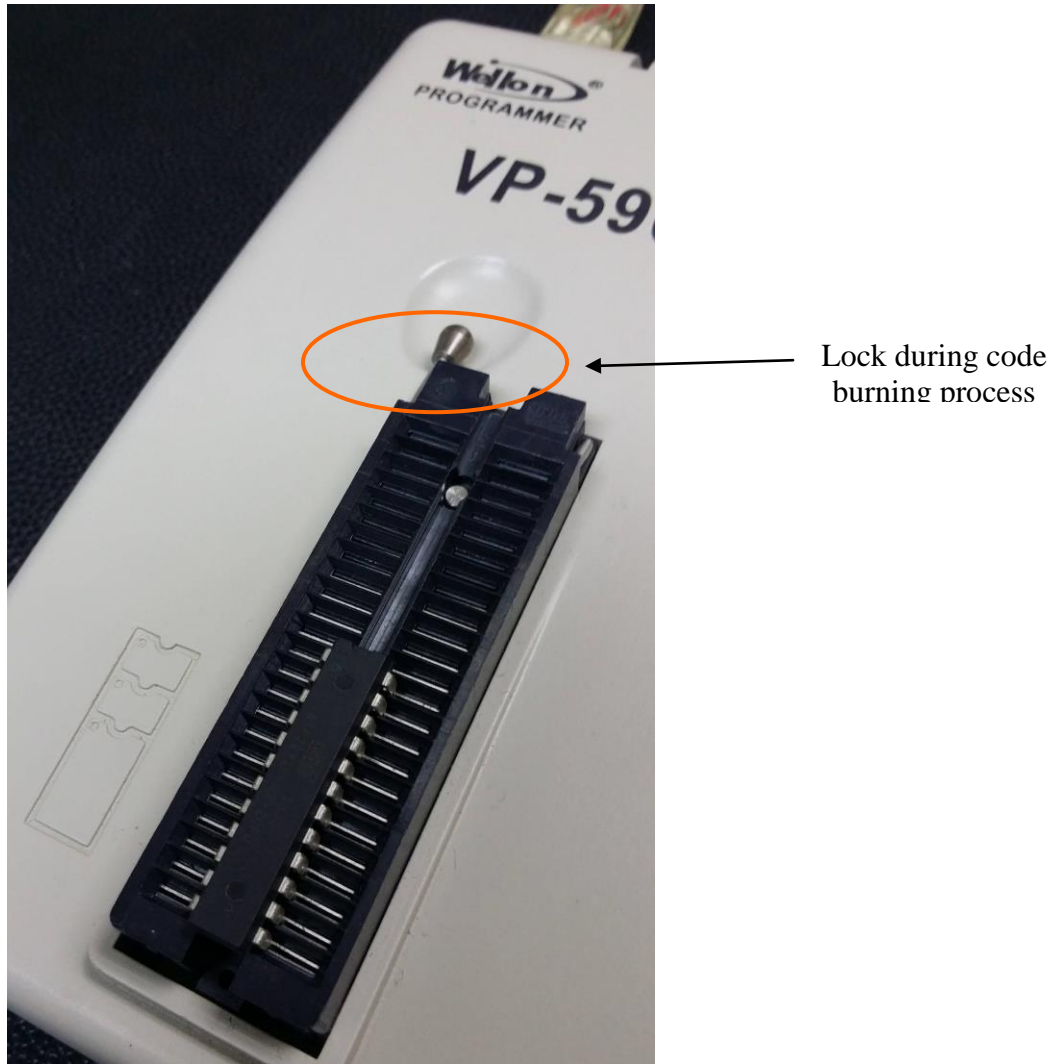
9. **Programming the IC**.

a) Uncheck (remove) option **insertion test** and **secure**

b) Insert the IC that you want to program into the programmer socket. Push the lever from a vertical position to a horizontal position. Please be certain that the IC pin inserted properly and it makes a good contact with the programmer's socket.

Unlock (when inserting IC)

Notch (up)

Bottom IC

Lock during code burning process

c) Under *Edit Auto* field, check *Erase/Blank* and *Program/Verify*. This option will blank check the IC to determine whether it is blank, if not it will erase it, then program the IC and verify that it's content is the same as in the programmer's buffer after the programming process. The entire step will be executed in sequence automatically.

To execute the sequence selected in *Edit Auto* field, click button . All the sequence will be executed and the result will be displayed.

Note : If you prefer to do it manually then you can do all the steps one by one by
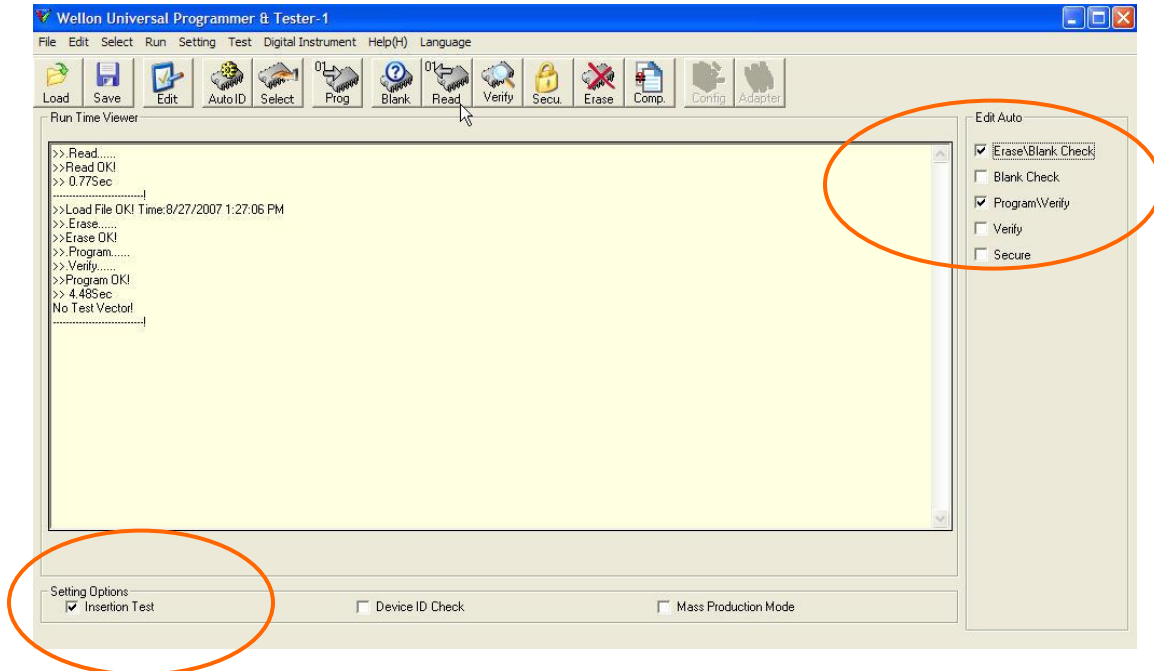
1. Blank check , click button

2.

3. Erase the IC, click button , (carefull – it will erase the content of the IC)

4. Manually program the IC, by clicking button , but you have to clear all the check mark in Auto Edit feld first.

5. Finally verify that the programming is successful by clicking button

Insertion test and secure are optional

10. The programming of the IC completed. Pullback the socket lever from a horizontal position to a vertical position. Take out the IC from the socket.

If there is a communication error during the programming, please disconnect the USB cable and reconnect it again.