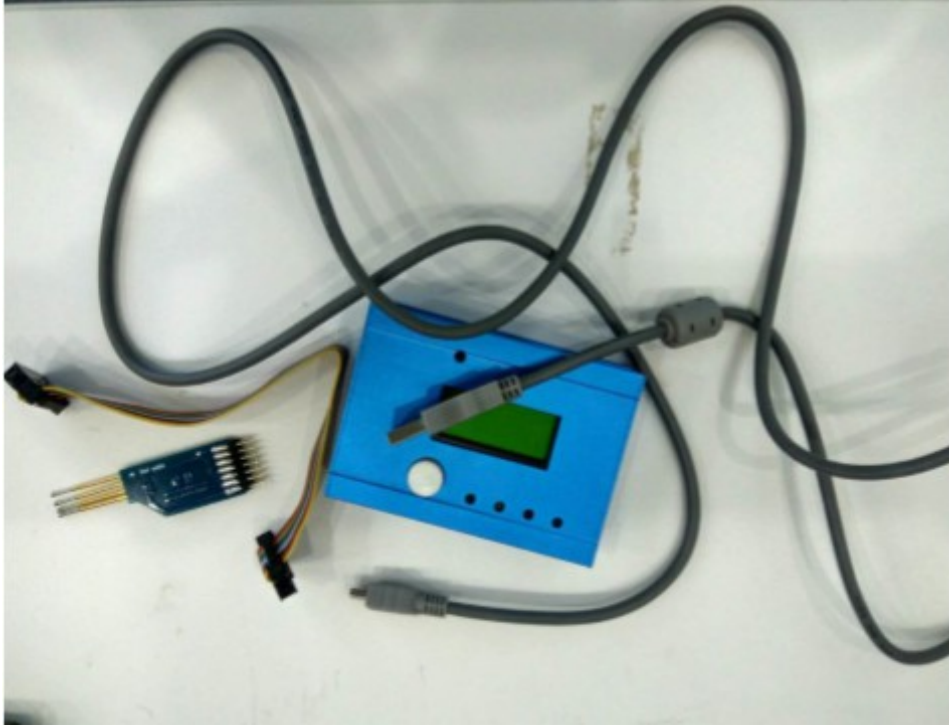


PROGRAMMER CONTROLLER

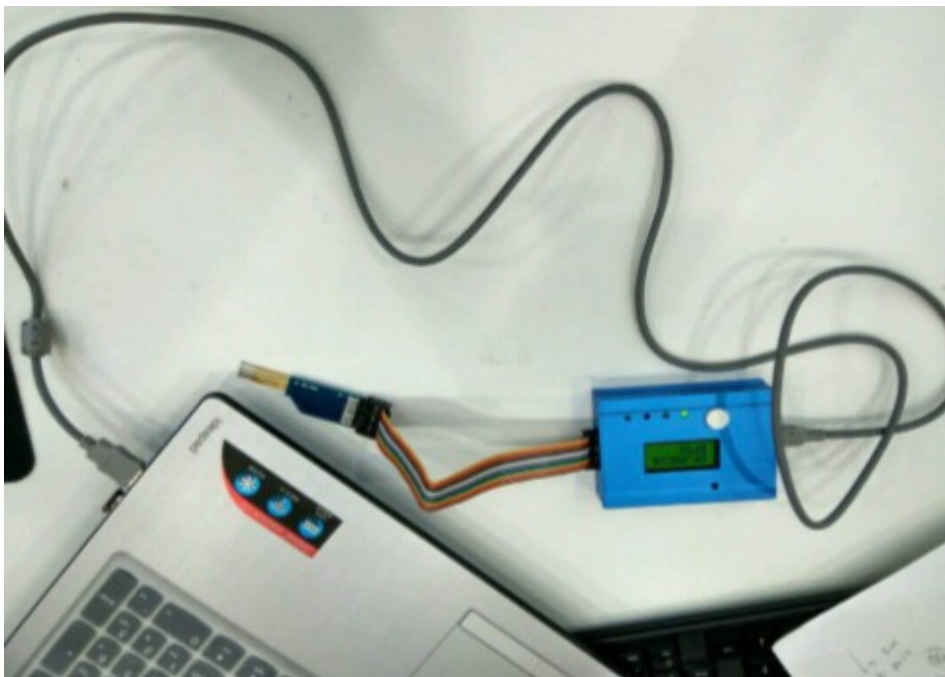
Scope: information of this file will provide details on controller programmer.

version	Description	Author	Verify	Update date
V1.02	Programming instructions	Amy	Jim	2018.11.26

1. You will get four parts of the programmer like the following picture shows:

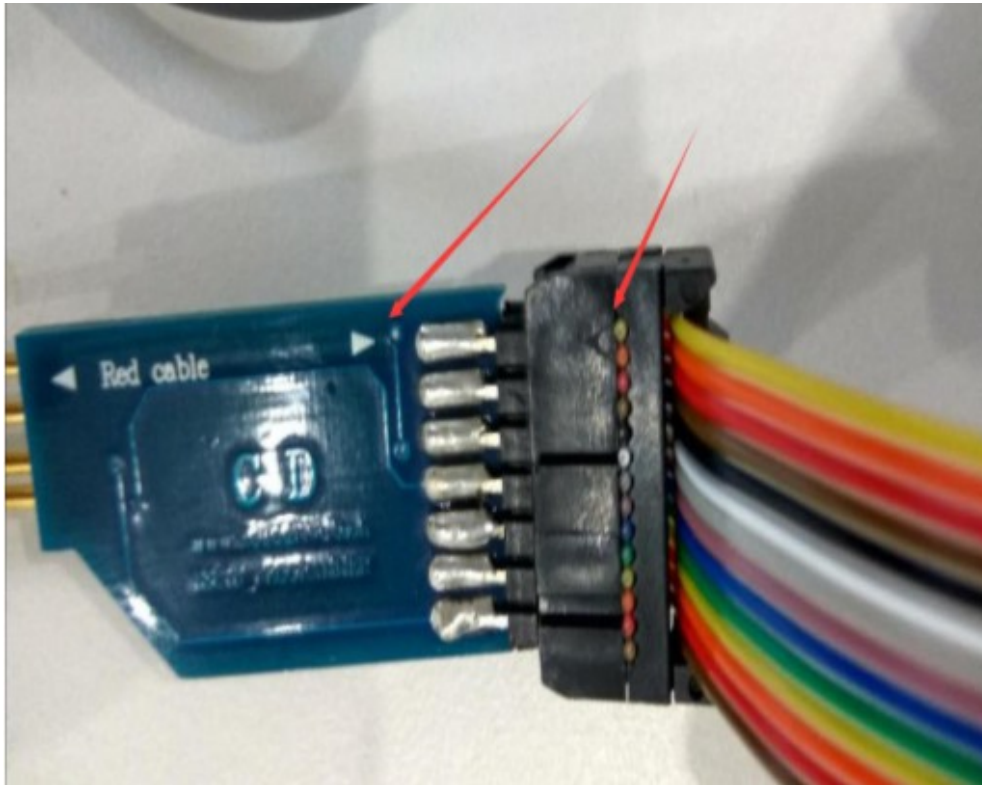


2. Try to connect them together like this way:



Be careful about the cable direction, there are small symbols telling you how to

connect them correctly:



3. Install the driver:

You will find programmer driver in the file 'Driver',



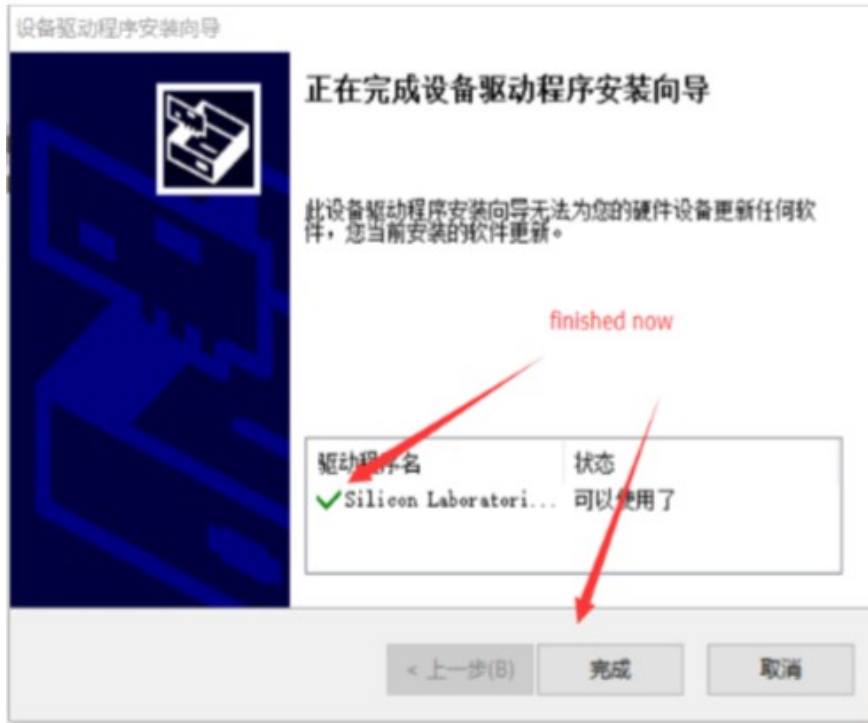
There are two kinds of drivers: one for 64-bit os, one for 32-bit os, see the following picture for details,

x64		2017/3/20 9:00
x86		2017/3/20 9:00
siusbxp	for OS of 64 bit	2016/5/6 0:42
siusbxp		2016/5/6 0:42
USBXpressInstaller_x64	for OS of 32 bit	2016/5/6 0:42
USBXpressInstaller_x86		2016/5/6 0:42

Select the correct one which matches your laptop os and run it, choose 'Next':



If the driver is installed successfully you will see the following window, it means you can use the programmer now.



4. Select correct mcu type:

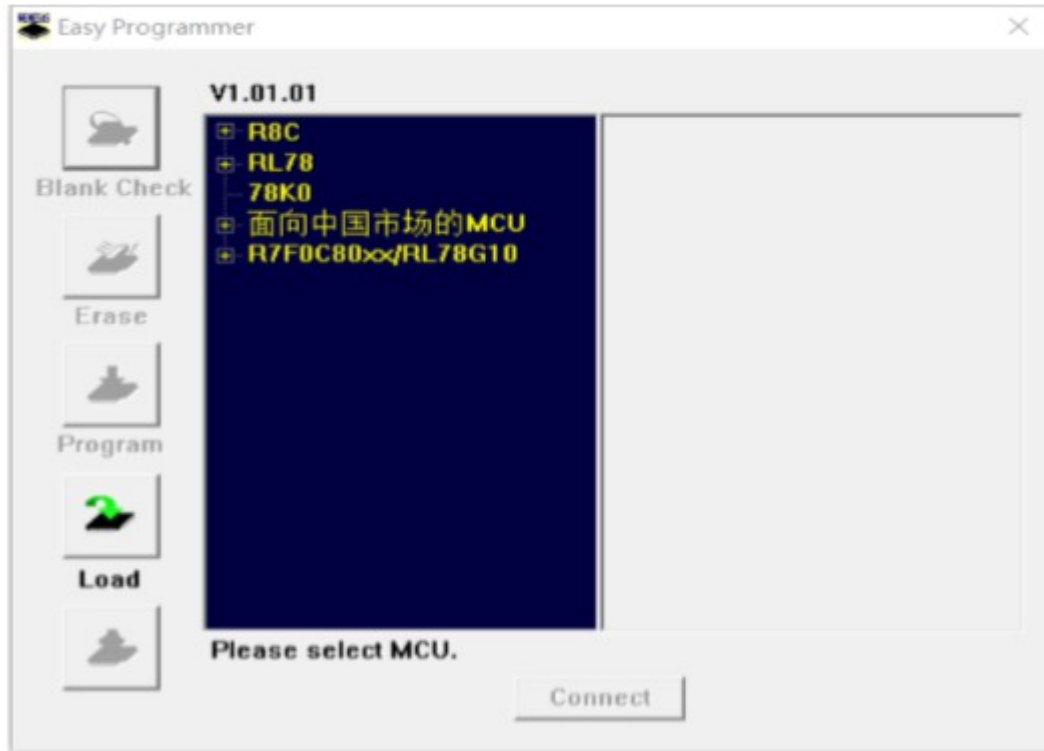
You will find programming software in the following file:



Run the target application:

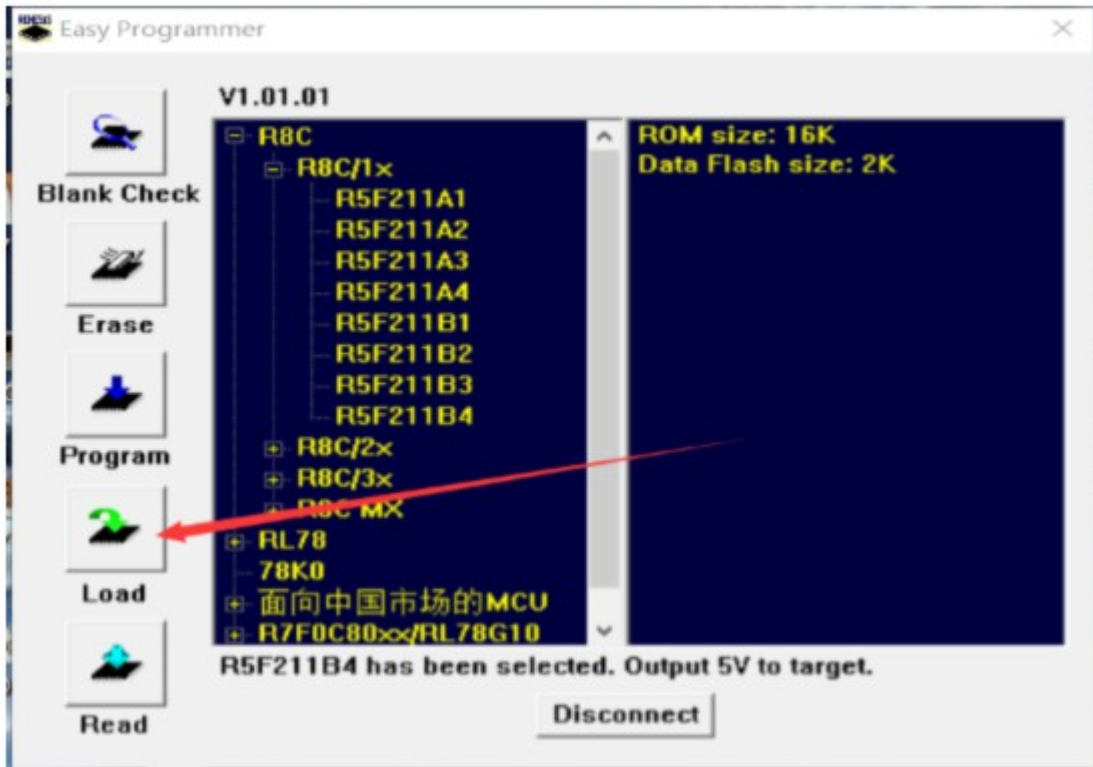


The software looks like the following way,

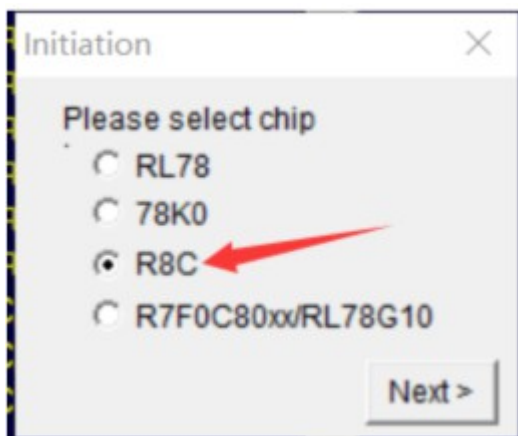


5. Load program to programmer and download program to controller

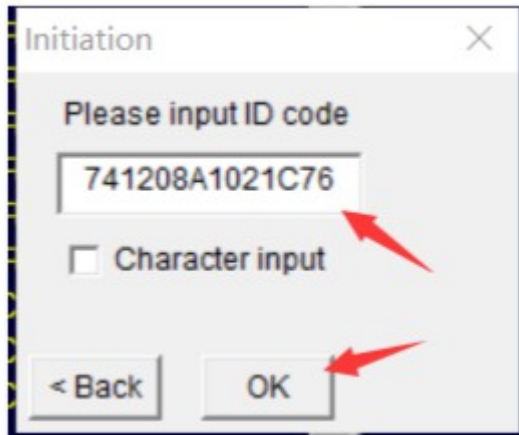
Press the 'load' button to load program to your programmer:



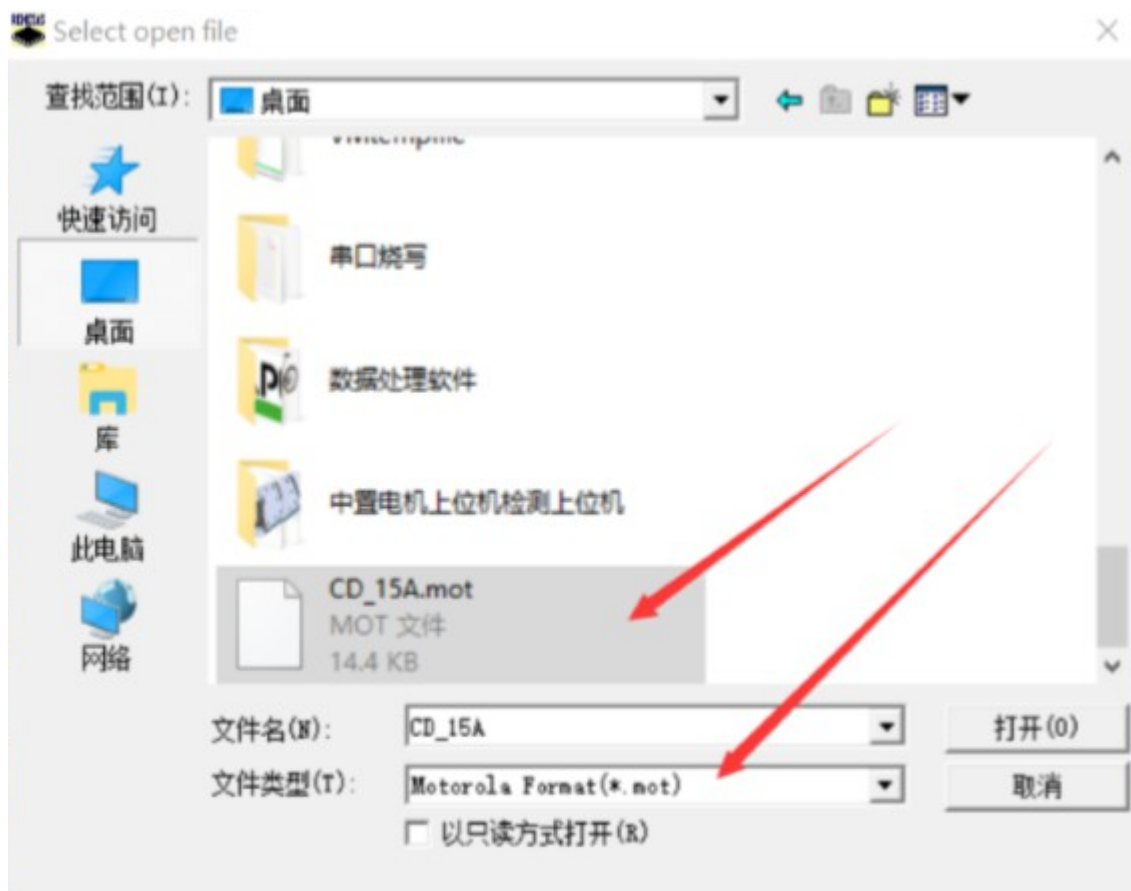
The mcu type should be 'R8C'



Then write the ID, input the correct ID: 741208A1021C76

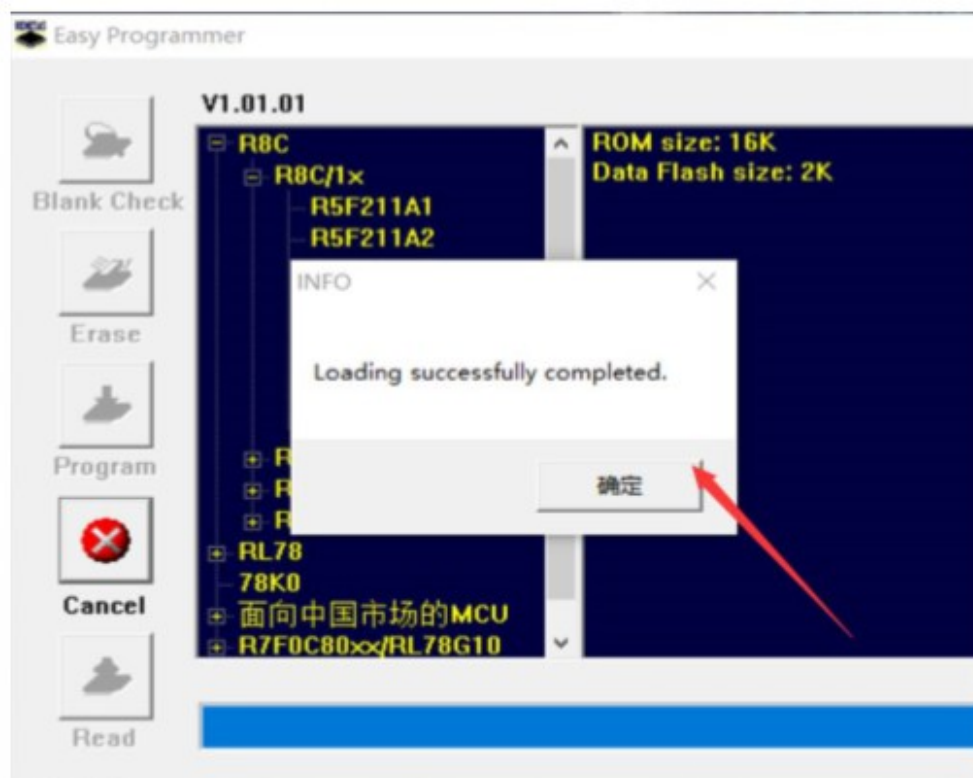


Select the correct file format first, it should be '*.mot', and choose the program you want to load, press 'OK' to continue:



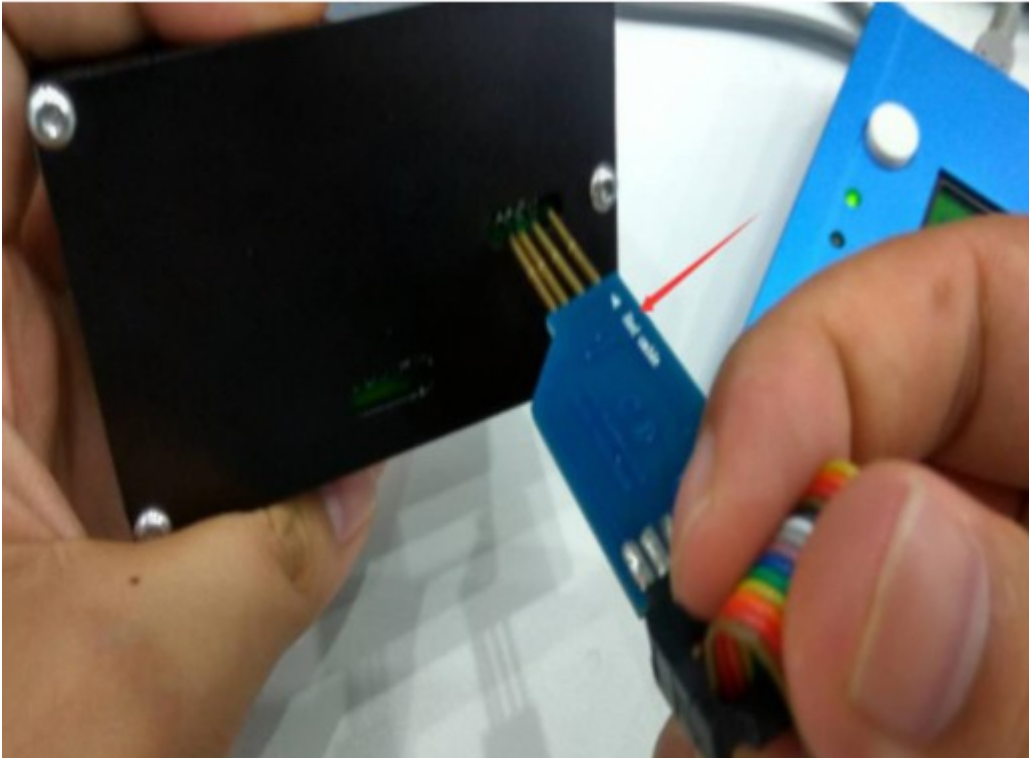
If the program you choose loads to programmer successfully, you will see the

following message box:

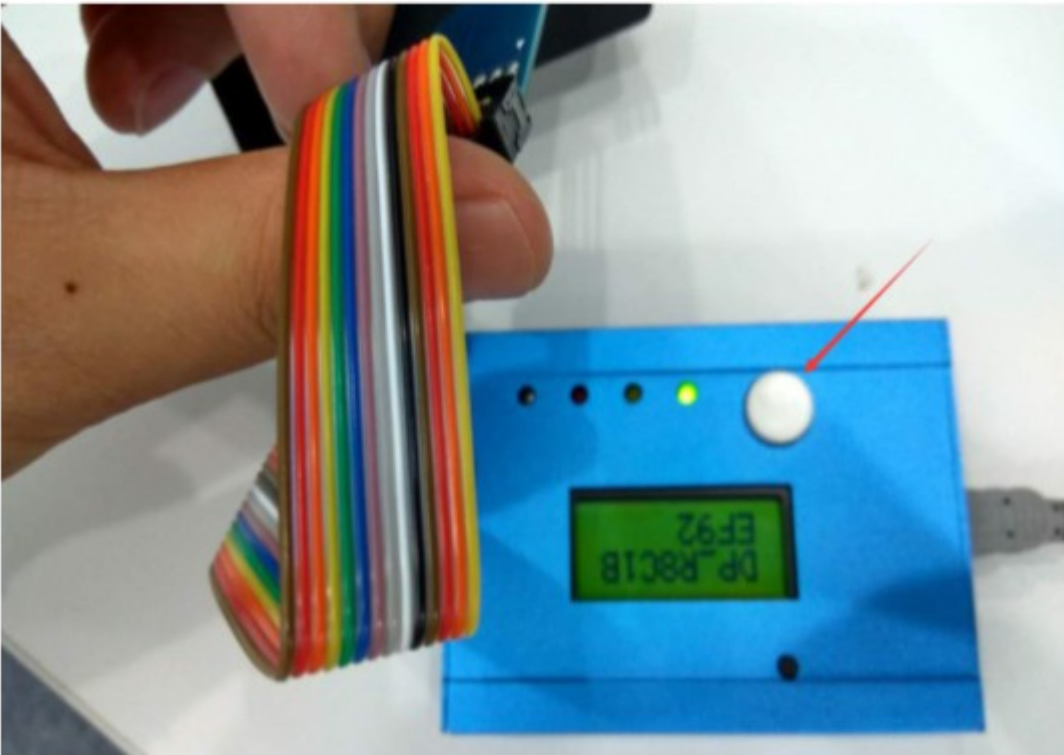


Then remember to **close the application**, and connect programmer to the target controller and press the white button on the programmer to download program:

You should use the one of four-hole to update program:



Connect to controller like this way, then press the white button





It will beep once shortly when it starts to download program and you will hear a long beep when it is finished.

Notice:

- 1). **Close** the application before you press the white button to download program.