

Breville®

BES980/980XL

SOFTWARE UPGRADE PROCEDURE



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HOW TO DOWNLOAD THE SOFTWARE

Download the BES980 Software file for main PCB and control PCB from the below link and save it to Software upgrade folder (where flash application saved).

The main PCB software links

<https://file.ac/a92hUITelGc/>

The front panel PCB software link

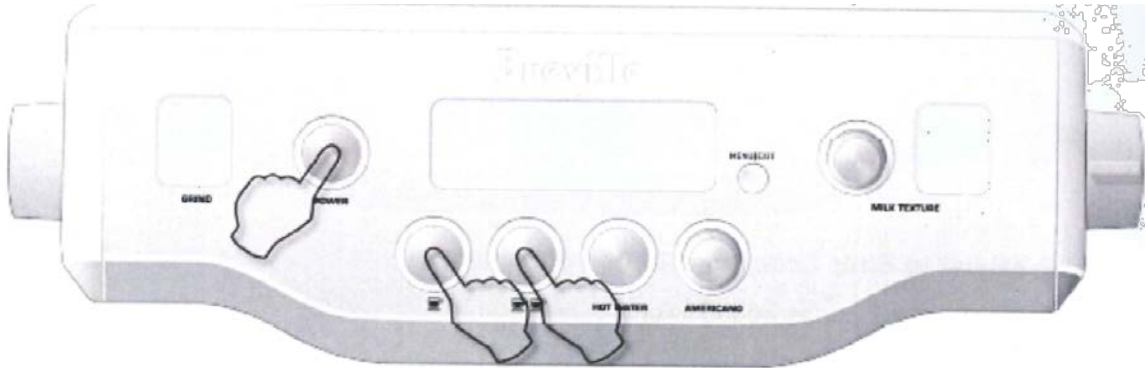
<https://file.ac/6zktW6eQzq0/>

- Click the above links.
- Click on **“BES980_Main_A1_5_0x00662344H.MHX”**.
- Click on **“BES980_Panel_A1_5_0x005E9B79H.MHX”**.
- Click on **“DOWNLOAD”**.
- Click on **“SAVE AS” (WHERE THE FLASH FILE SAVED)**.

NOTE: ONCE THE FILES SAVED IN PC, THIS SOFTWARE CAN USE FOR NEXT COFFEE MACHINE. (NOT REQUIRE TO DOWNLOAD AGAIN).

HOW TO CHECK THE SOFTWARE VERSION

- To enter Service Menu: Hold down “single”, “double” and then press “Power” buttons until beeps.



- Display shown as below:



- Rotate encoder clockwise to display: Main software version => main PCB version => front panel version.
- Front panel and main PCB should have matching with current version numbers (ie: fr5.0=> A15 => A15) * **the version changes with product improvement.**


HOW TO UPGRADE THE SOFTWARE

Step 1) Connect the RS232 serial connector to computer.

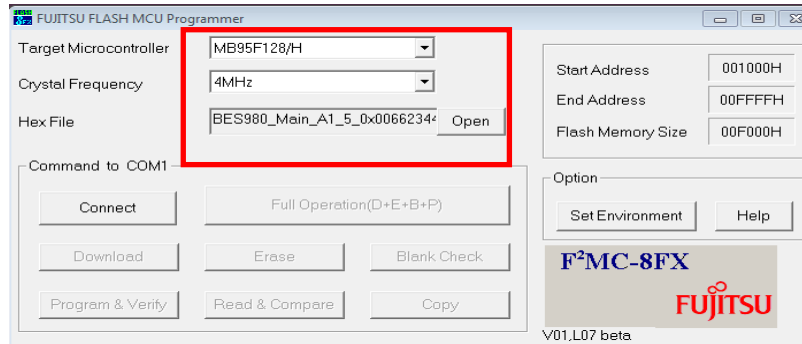


Step 2) Connect the Programmer module to the main power outlet and turn ON.

Note: Don't connect the programming cable to the BES980/980XL unit at this moment.

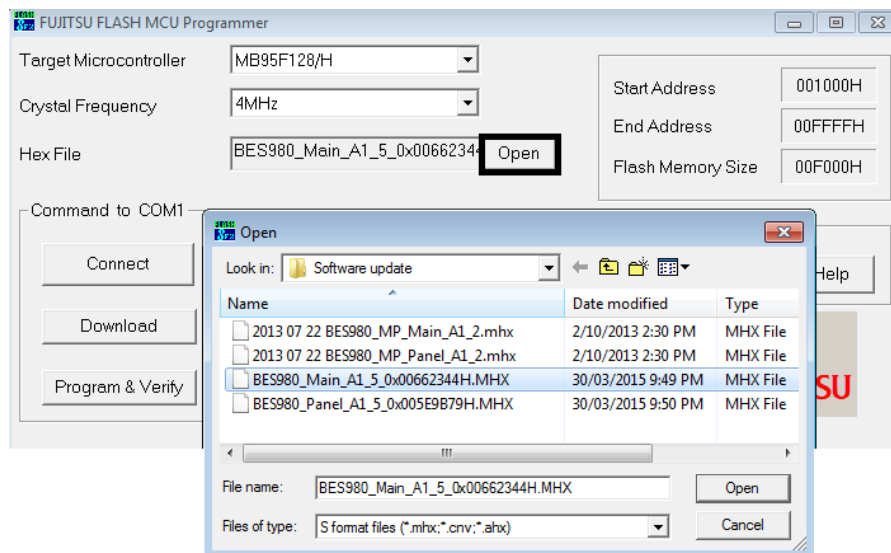
Step 3) Opened program operation interface (**Flash file** ) and follow the below step:

- For "Target Microcontroller" select "MB95F128/H" (For BES980/980XL).
- For "Crystal Frequency" select "4MHz".
- Then click the 'Open' button to load the software code.

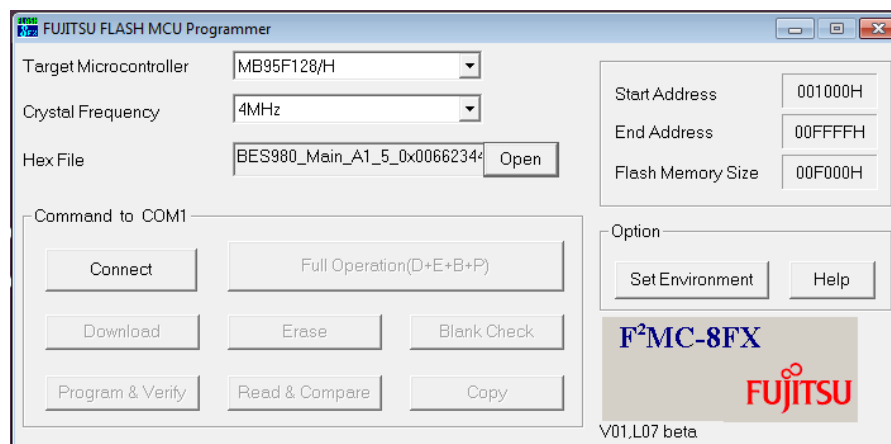


MAIN PCB SOFTWARE UPGRADE

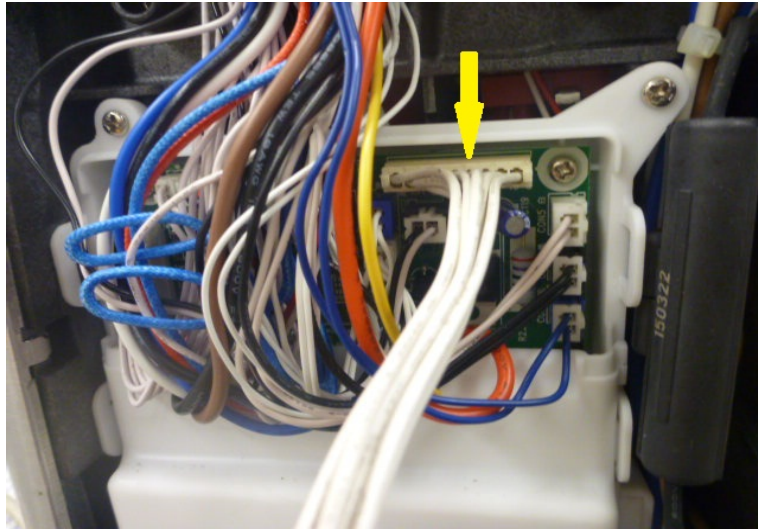
Step 1) Select the main PCB latest software that you would like to program



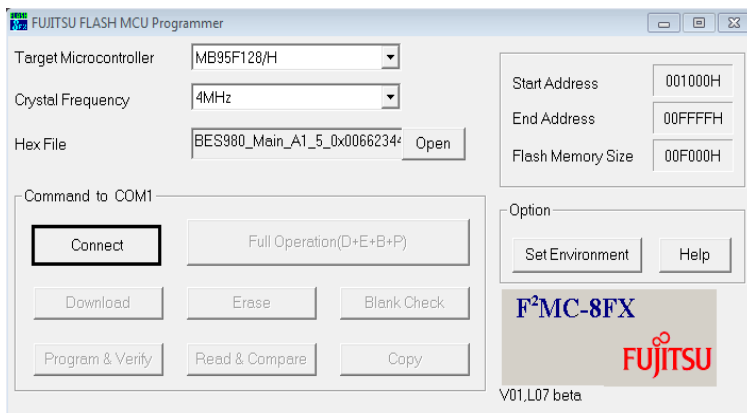
The screen will appear as shown below:



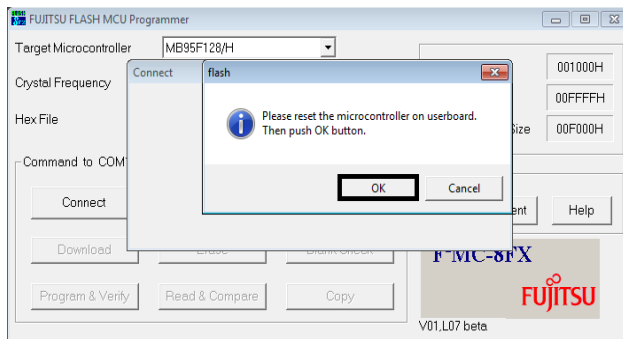
Step 2) Connect the programmer connector to PCBA as follow picture.



Step 3) Click 'Connect' on program software

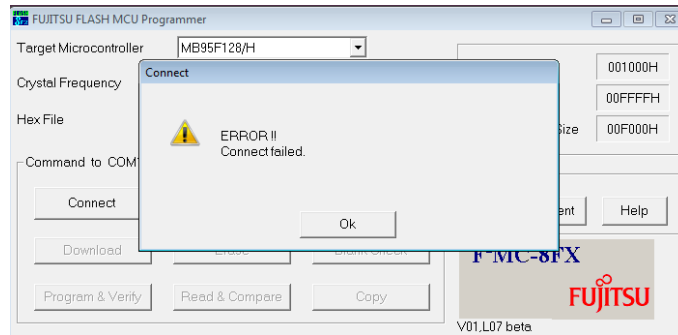


STEP 4) Turn the programmer module switch on and press the 'Reset' button.

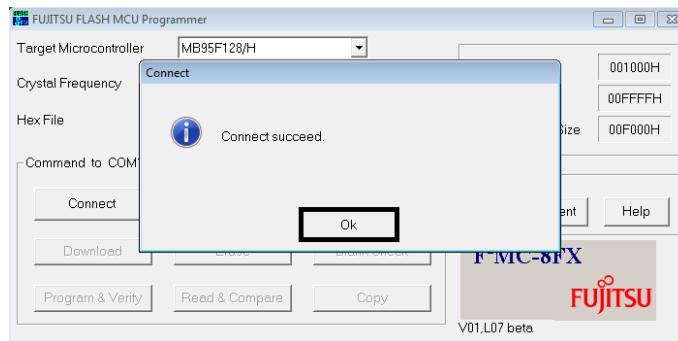


Step 5) Click 'OK'

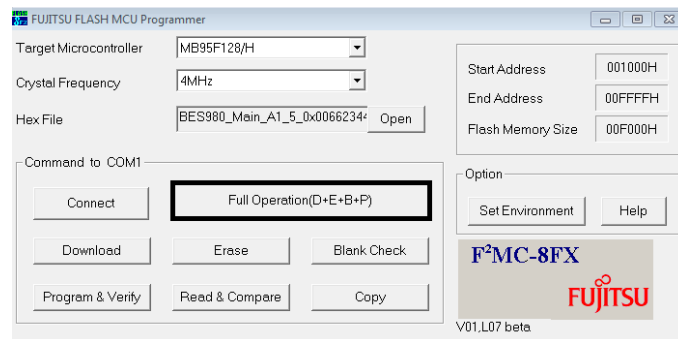
Note: If connect fail, you can see the error message as bellow, please follow Steps 2 to 5 until connect succeed. **IF ERROR APPEARS AGAIN, CHECK THE FREQUENCY (SHOULD BE 4MHZ)**

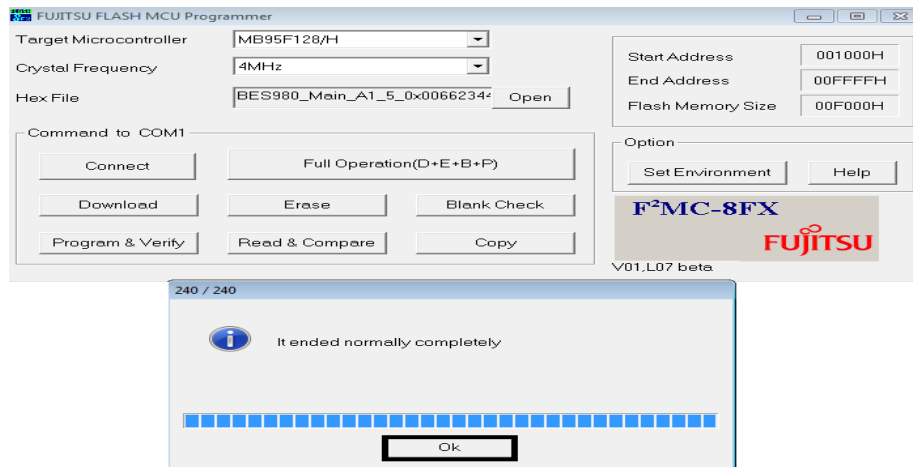


Step 6) Connect succeed, Click 'OK' and go to next step.



Step 7) Click 'Full Operation (D+E+B+P)'.

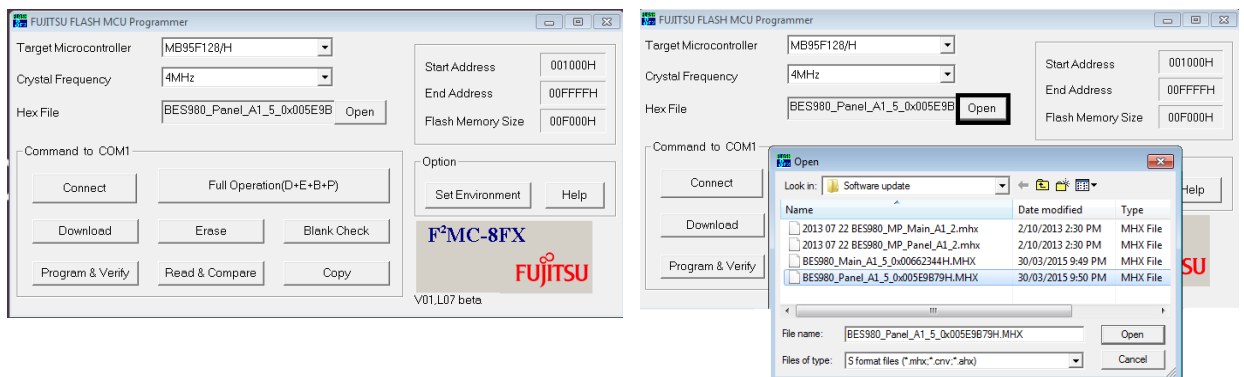
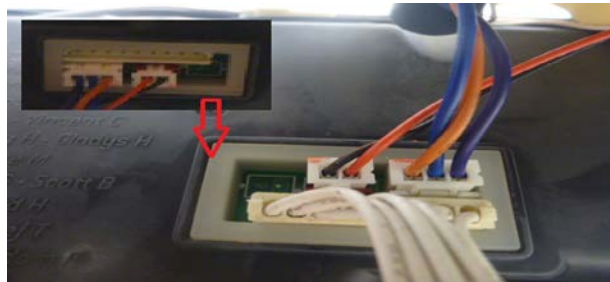


Step 8) Program normally completed

Step 9) Click "OK" & Turn OFF the switch at micro controller and remove the programmer connector from PCBA.

CONTROL PCBA SOFTWARE UPGRADE

Step 1) once the main PCB software upgraded, and then connect RS232 connector to control panel and Select the Control PCB latest software that you would like to program as shown below.



Step2) Follow step 3 to 8 of main PCB software upgrade to complete the control PCB upgrade.

IMPORTANT NOTICE

REMEMBER; WHEN UNIT IS UPGRADED FROM SOFTWARE VERSION A12 TO A15 OR A13 TO A15, THE LEAFLETS SHOULD SEND TO CUSTOMER PLEASE FIND THE LEAFLETS AT BELOW LINK.

A12 TO A15 LEAFLETS LINK

<https://file.ac/RtoqVPO6MSg/>

A13 TO A15 LEAFLETS LINK

https://file.ac/-z8G-b_l3GM/