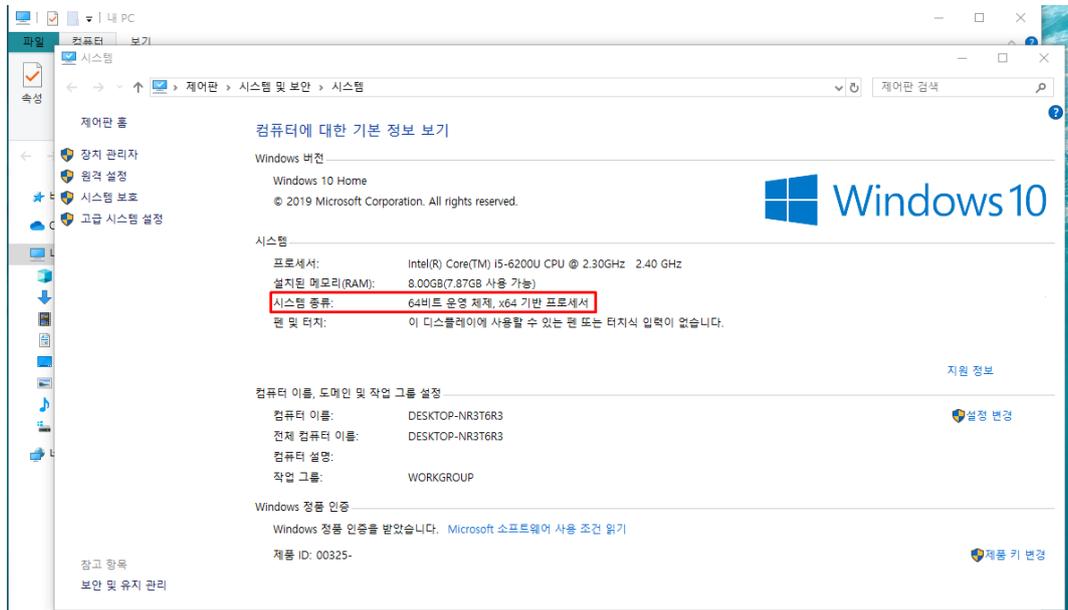


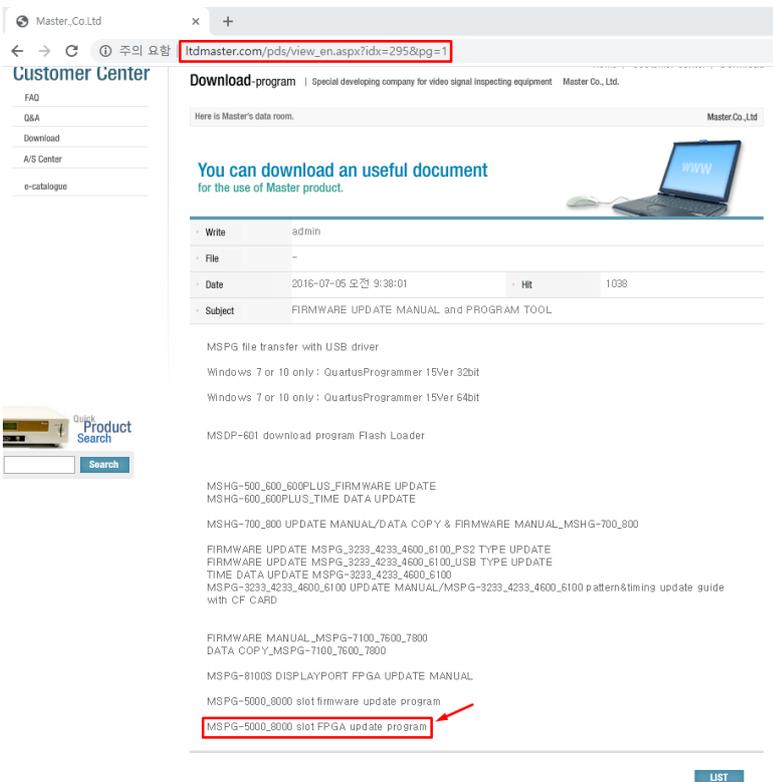
## 4.How to slot FPGA update

- ① Prepare to 64bit system windows OS PC.

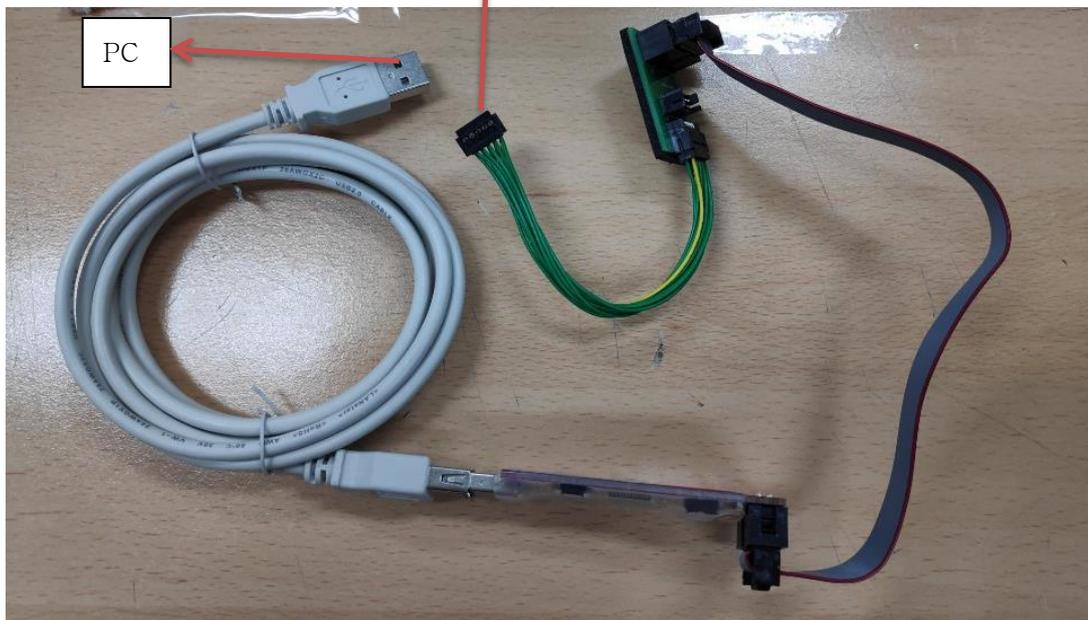


- ② Please download program as below site and install to 64bit PC.

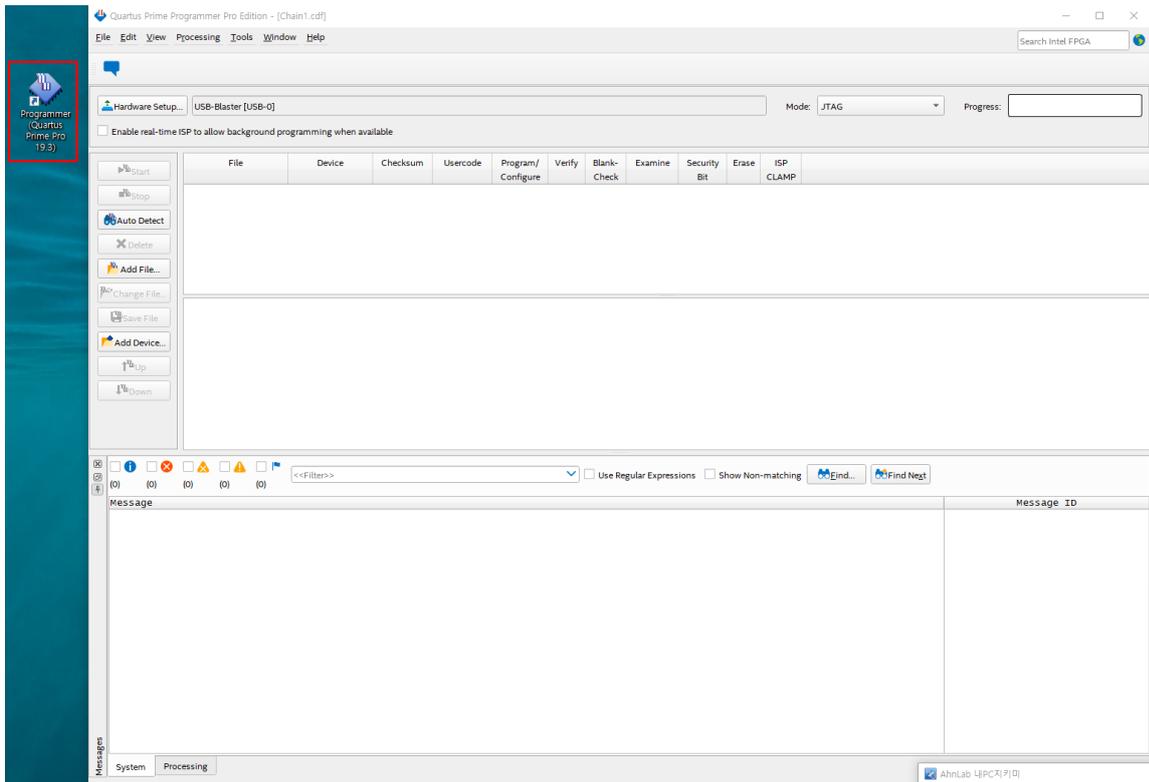
<http://www.ltdmaster.com/son/UPDATE%20PROGRAM%20TOOL/QuartusProProgrammerSetup-19.3.0.222-windows.exe>



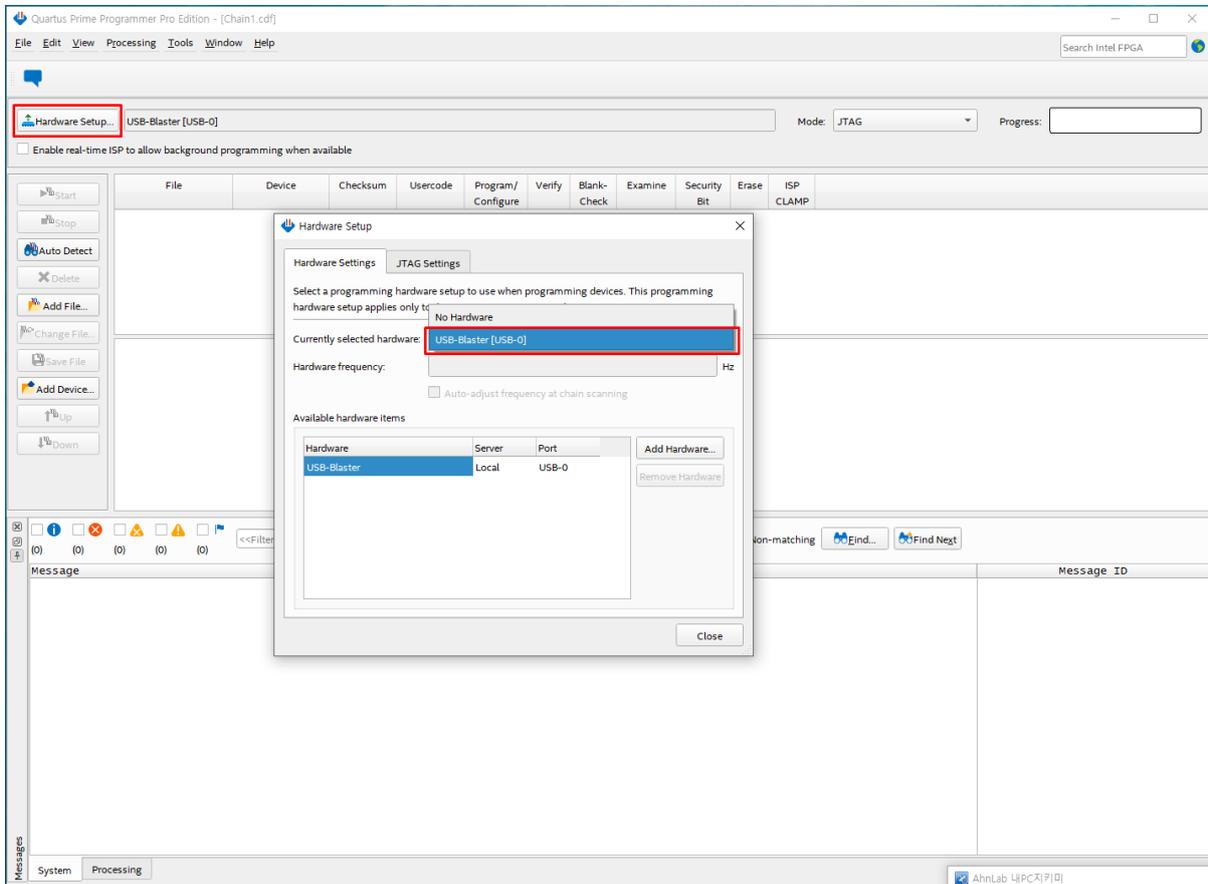
- ③ Turn on the MSDP-601, connect FPGA download tool and PC.  
(It is same as MSPG-8000 FGPA download tool)



④ Run the Quartus Programmer that you installed.

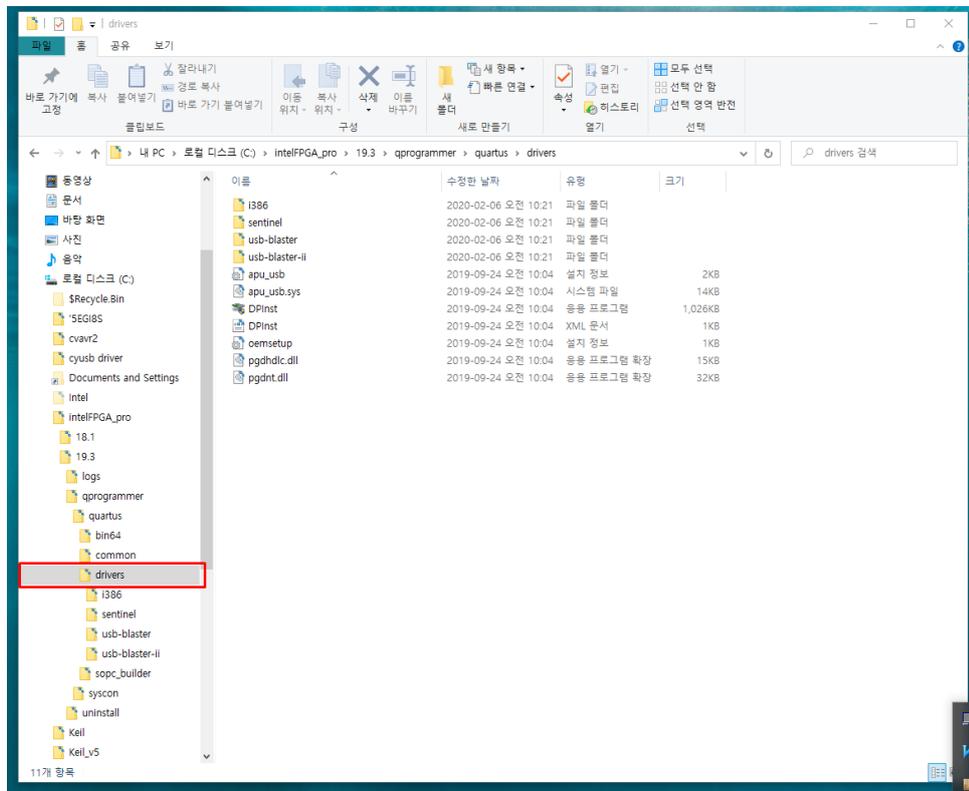


⑤ Press 'Hardware Setup', select 'USB-Blaster[USB-0] and then press the 'Close' button.

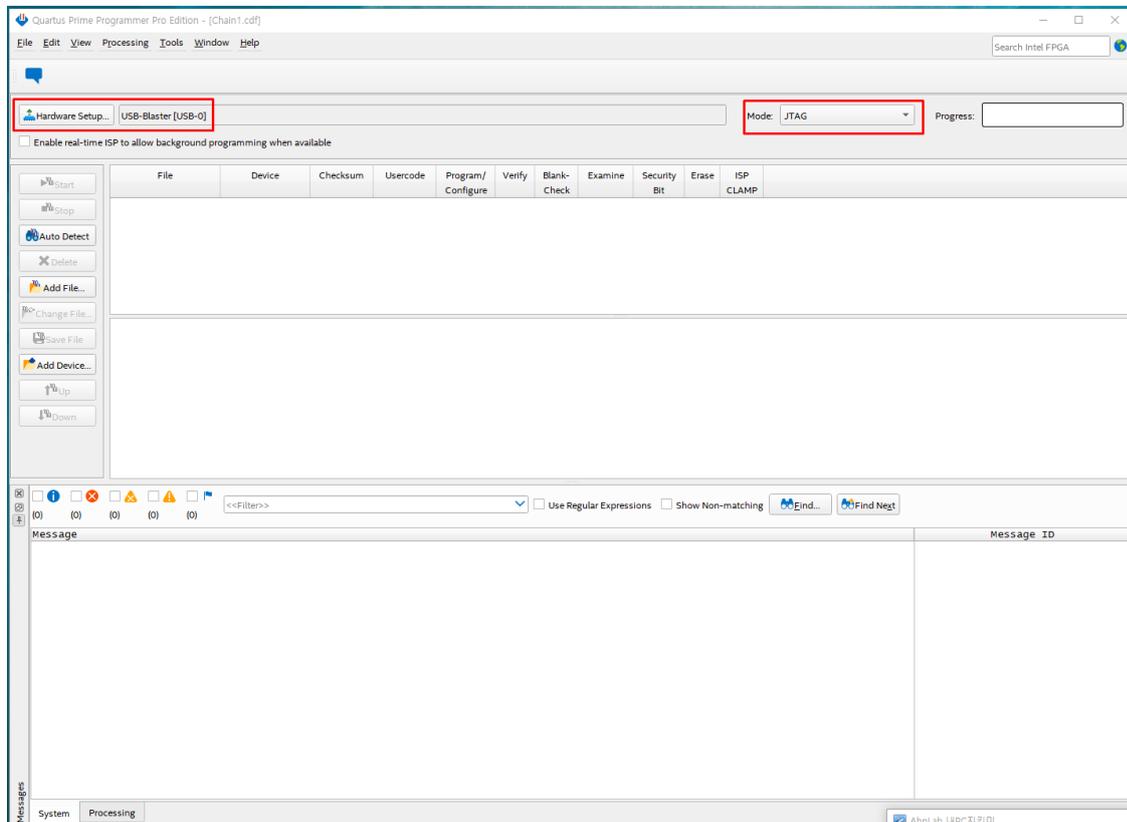


\*The installation of USB DRIVER is possible at the following path;

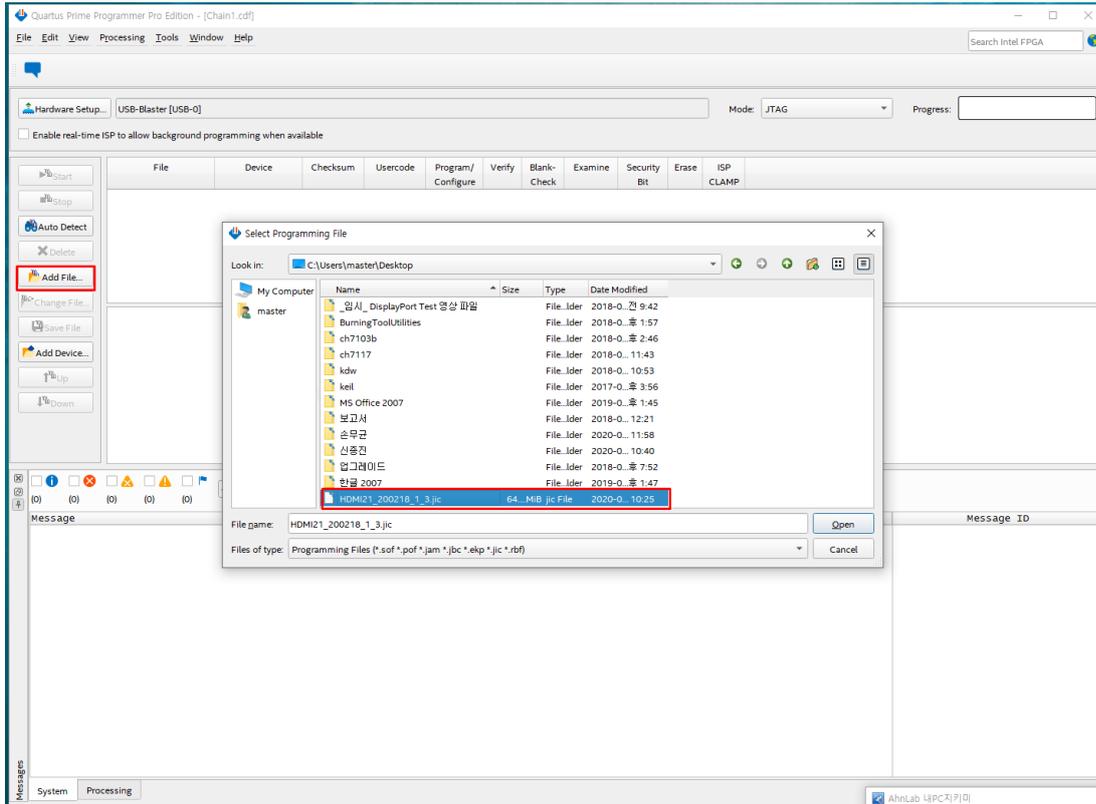
C:\intelFPGA\_pro\19.3\qprogrammer\quartus\drivers



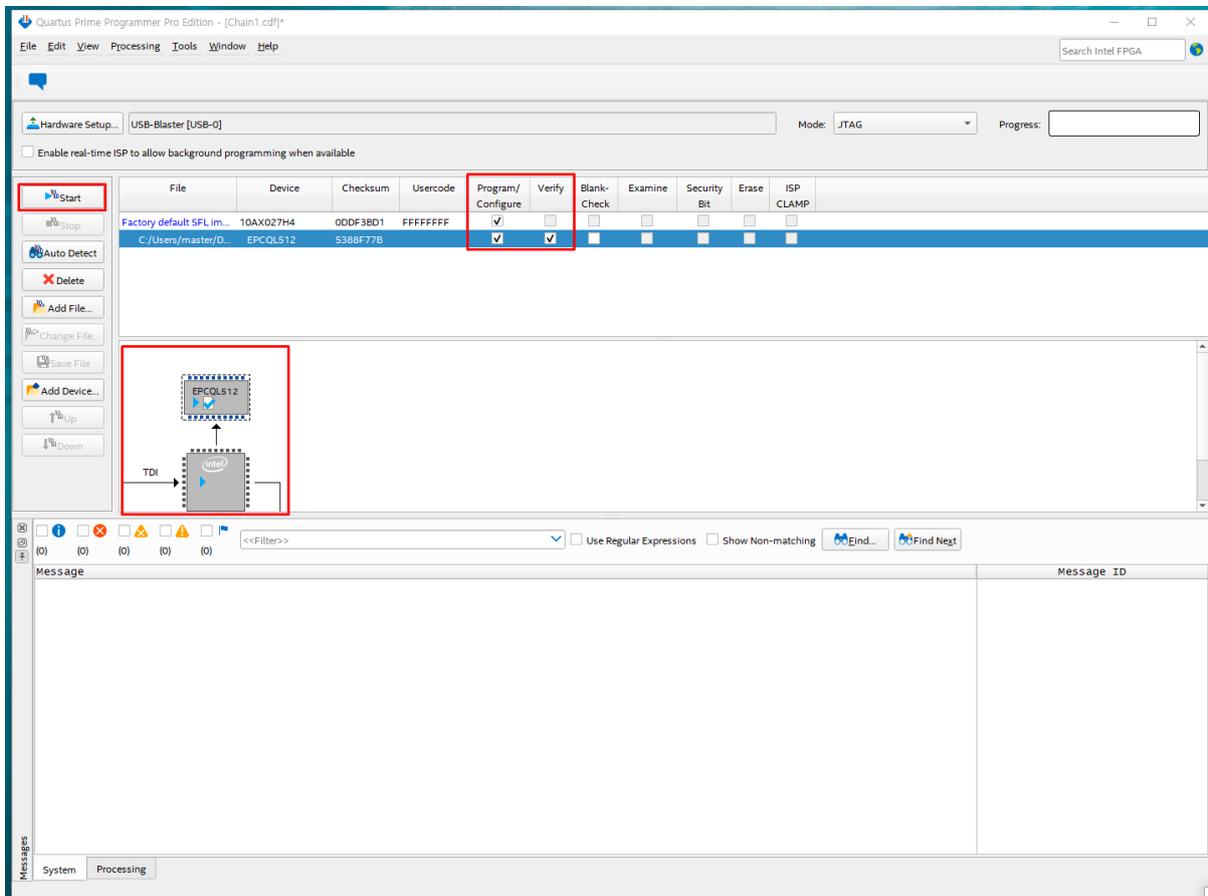
⑥ Setting as below.



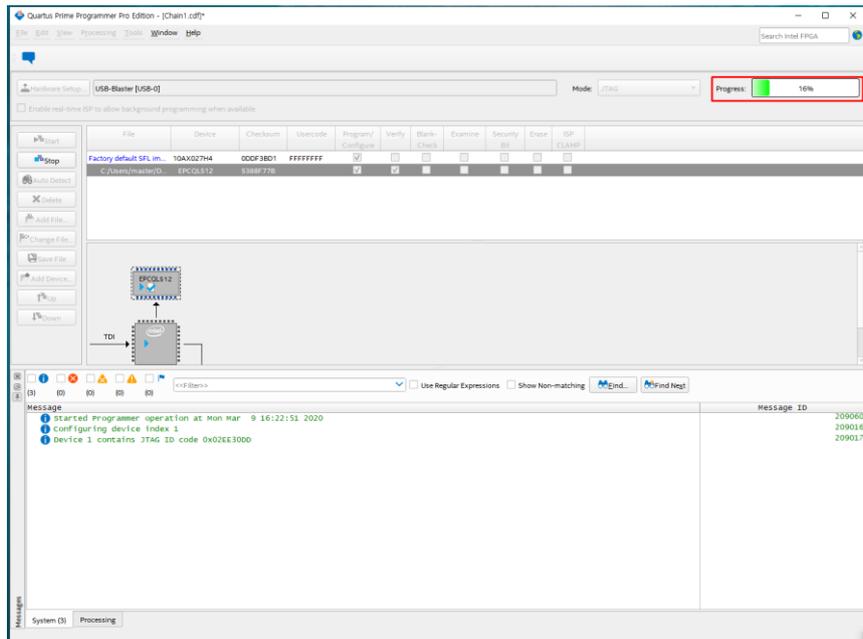
⑦ Press 'Add File' button and select Master given FPGA file(MADP-601\_221025\_1\_2.jic).



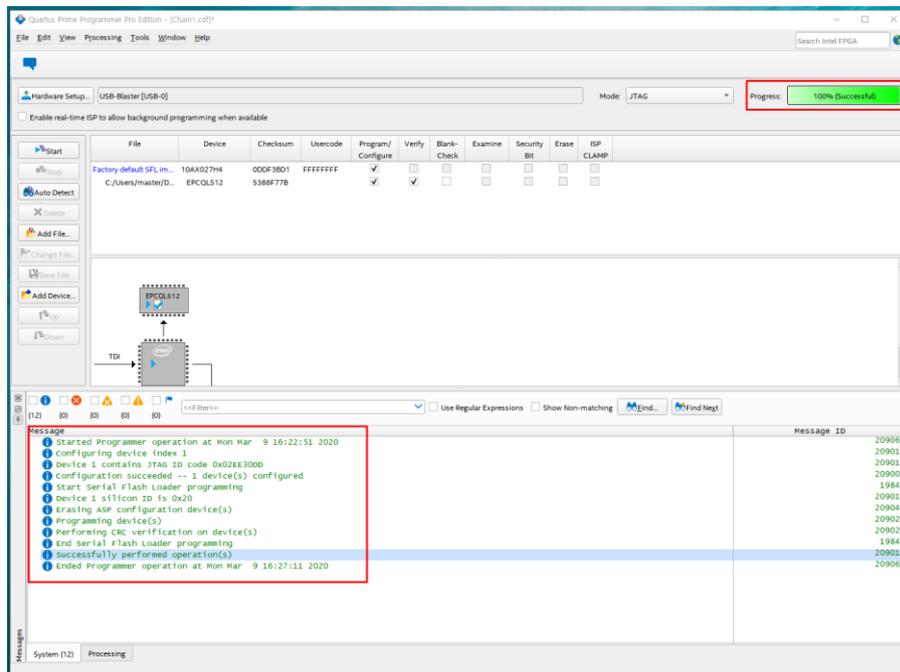
⑧ Press 'Program/Configure' and 'Verify'. And then press 'Start' to start FPGA update.



- ⑨ The update will take about 4minutes and 30 seconds.



- ⑩ When update finished, the display will be change as below.



- ⑪ Turn off the MSDP-601 and disconnect all cables.  
 ⑫ Turn on the MSDP-601 and check the update version as 221025.

