FPGA firmware update

This document will help you upgrade the FPGA firmware for the OneChipBook-12.

1. **Tools/Software Required**
   - A personal computer with Windows 7/10 and a USB port
   - USB Blaster
   - Quartus ii Programmer (9.0-13.1)
   - USB-Blaster_driver

2. **Connect your OneChipBook to your personal computer using a USB Blaster cable.**

3. **Install the USB Blaster driver (skip this step if already installed).**

4. **Open Quartus II Programmer (13.1) and configure the software as shown in the image below. And click the add file button.**
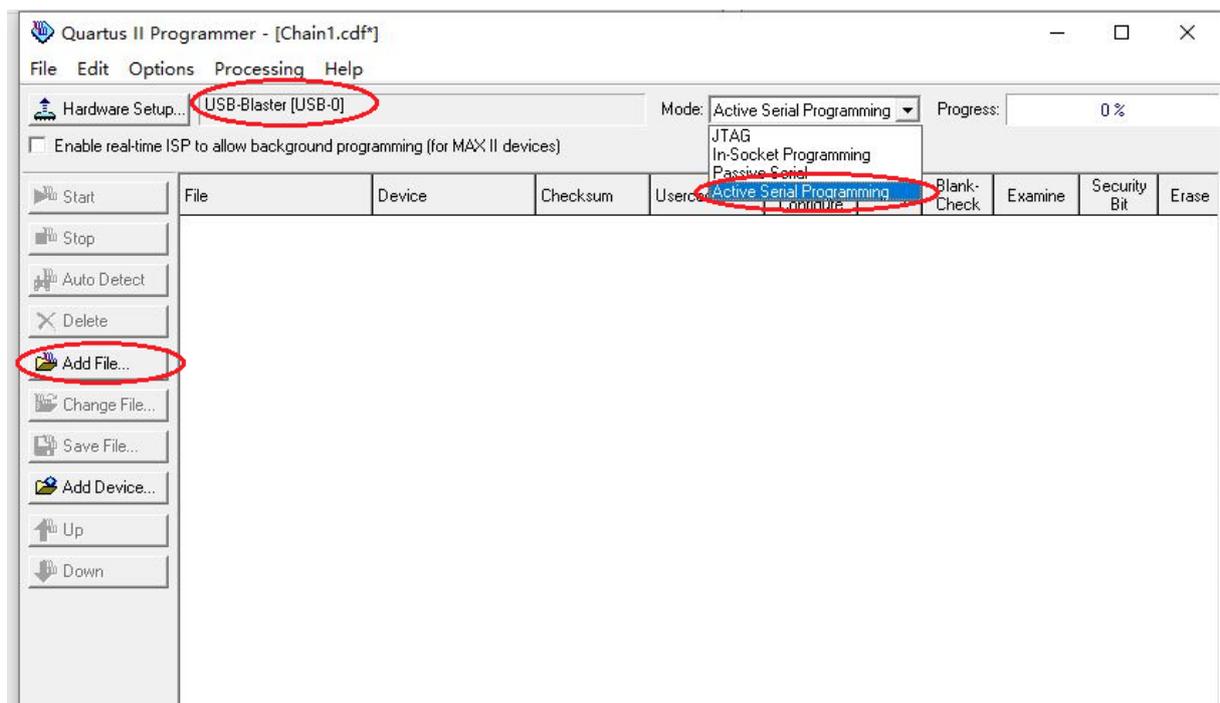
5. Find and select your firmware file.
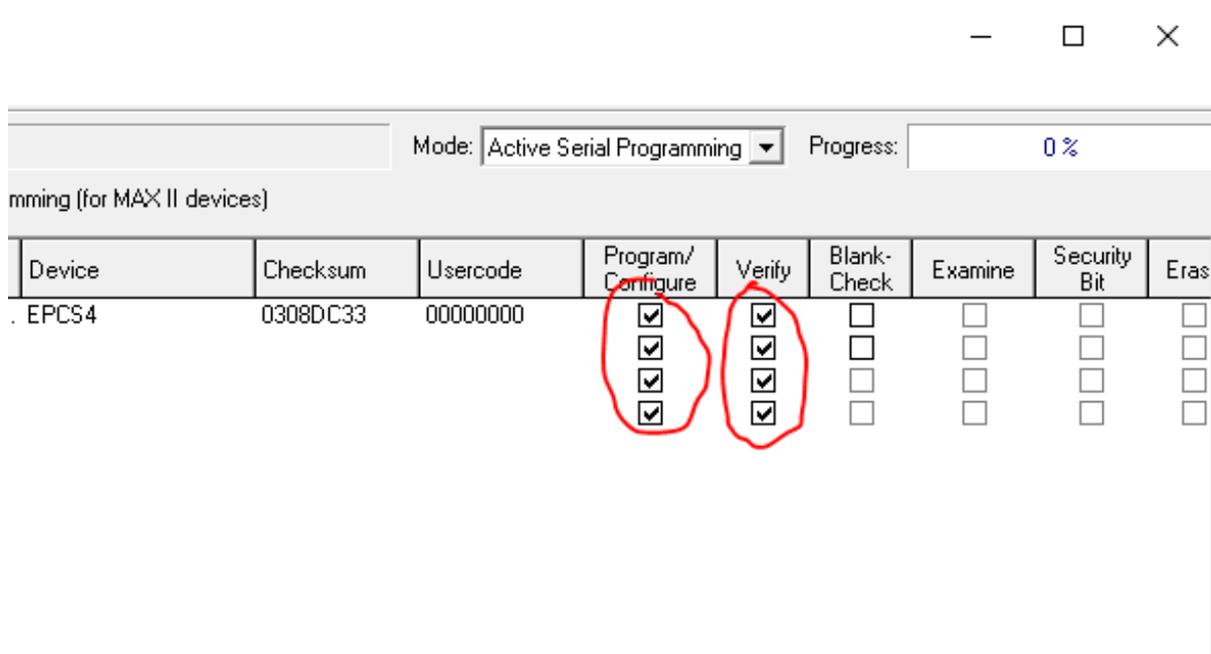
6. Ensure the OneChipBook is powered On.

7. Click the Start button, Until prompted to download completed
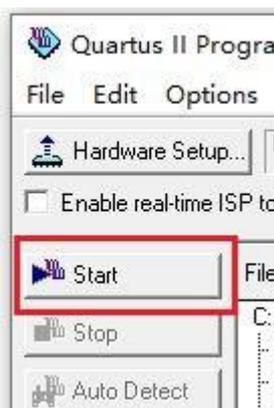
Suggested Reference Material

- Intel® FPGA Download Cable User Guide
- *OneChipBOOK-12 Technical_Reference*
  (http://www.8086cpu.com/static/upload/file/20250318/1742232699212994.pdf)