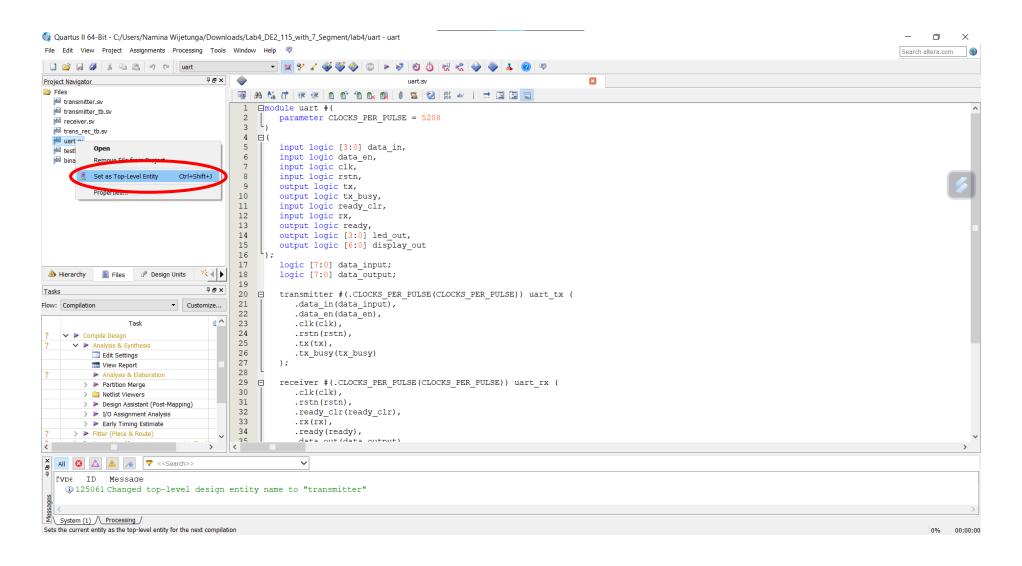
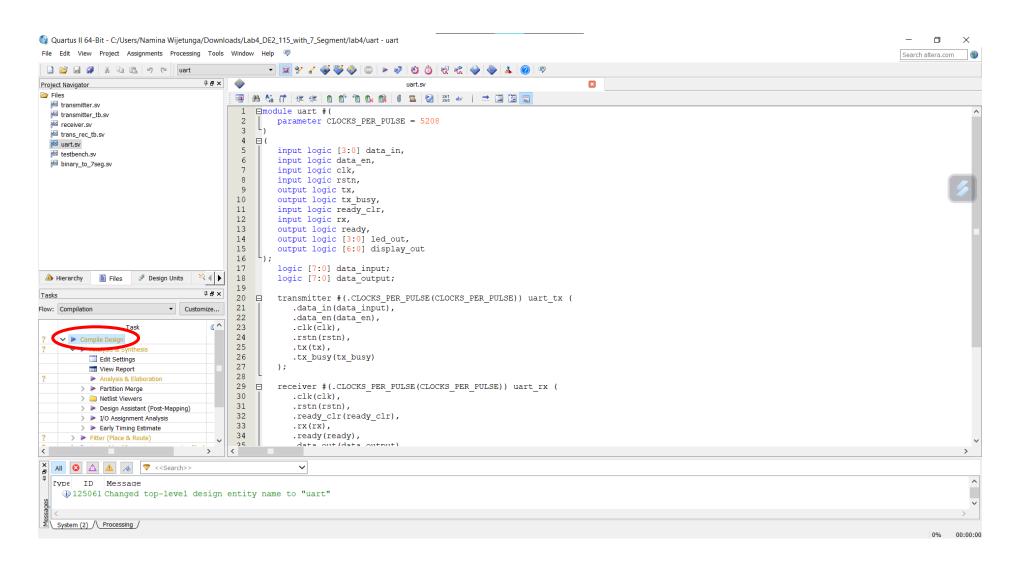
Uploading and Operating Guidelines

Altera DE2-115

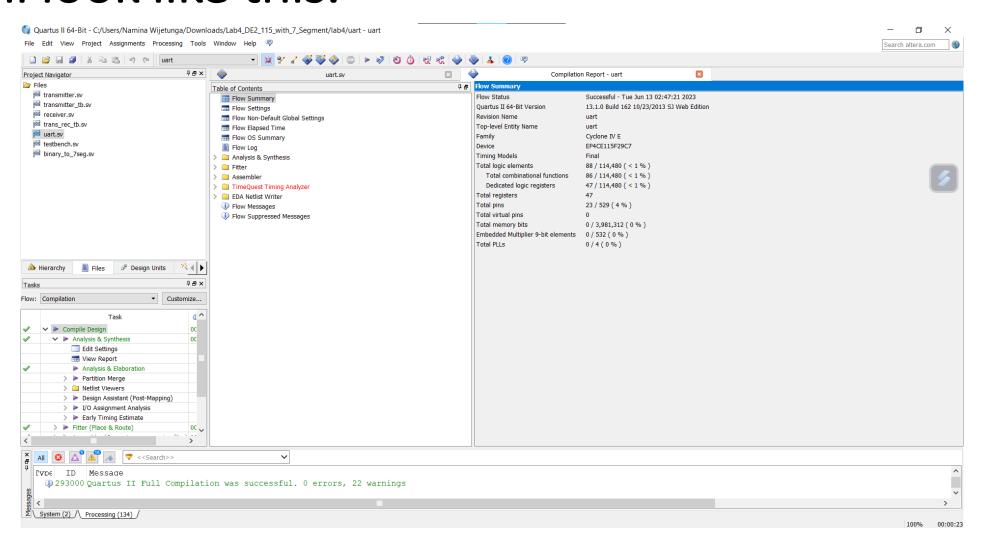
Select uart.sv file as the Top-Level Entity.



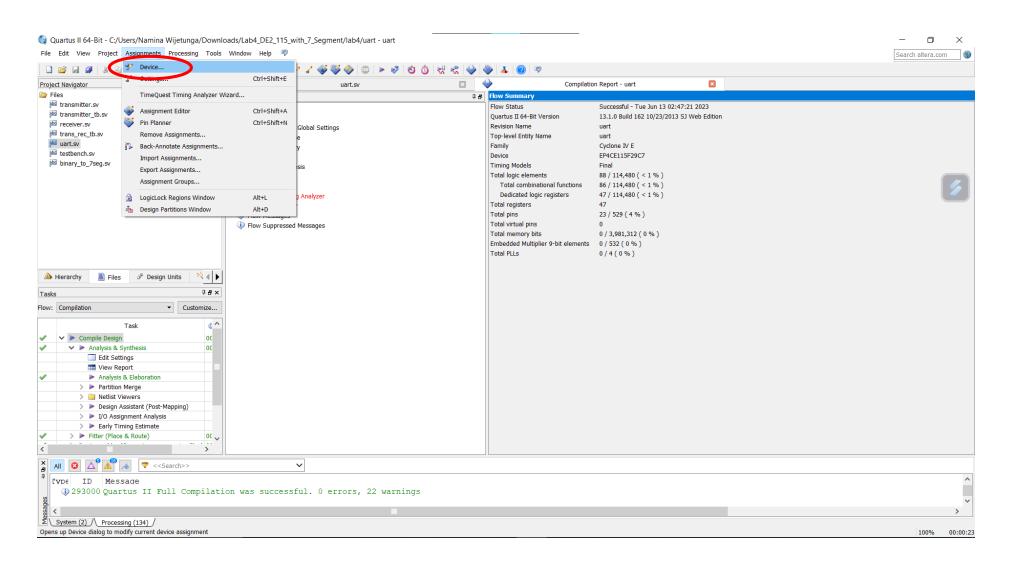
Double click on the "Compile Design" button.



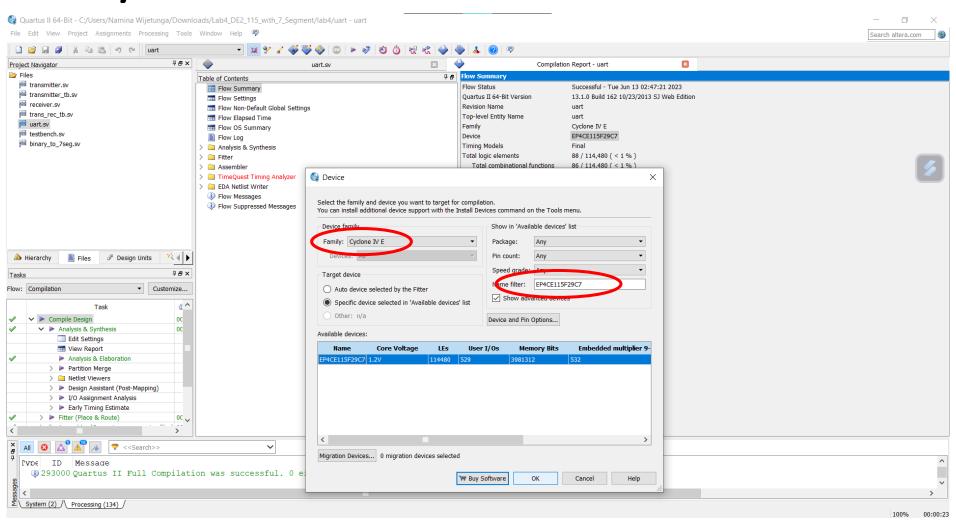
If the compilation is successful, the window will look like this.



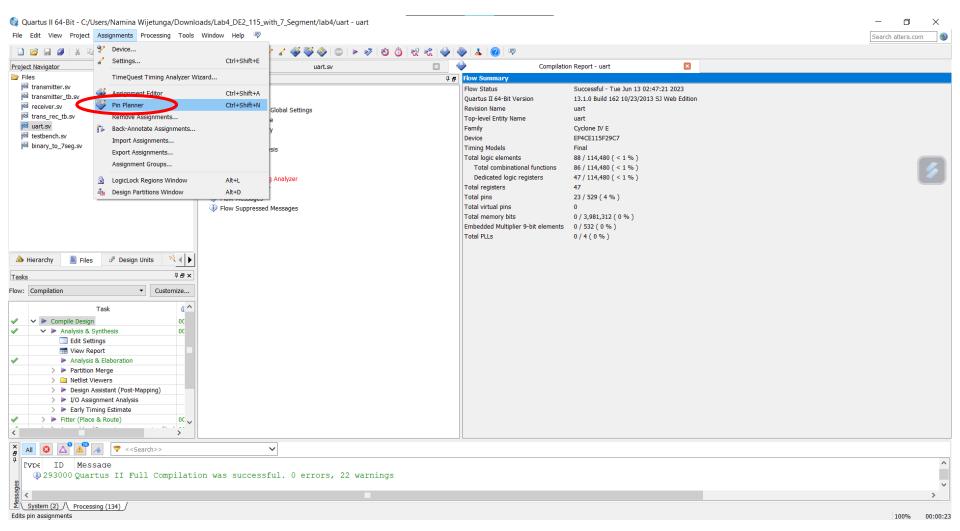
Go to "Assignments" tab and select "Device".



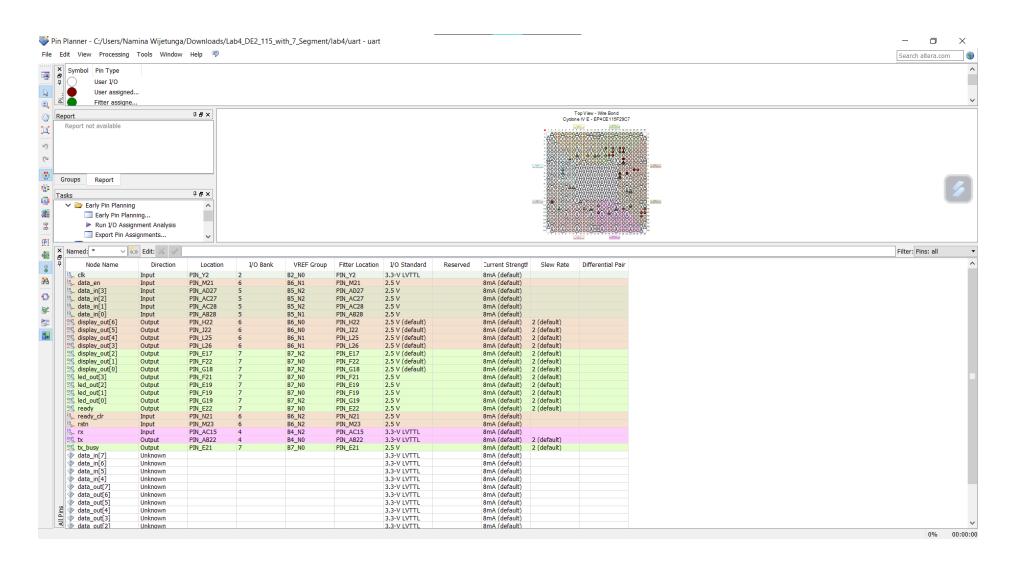
Make sure the device and family are selected correctly.



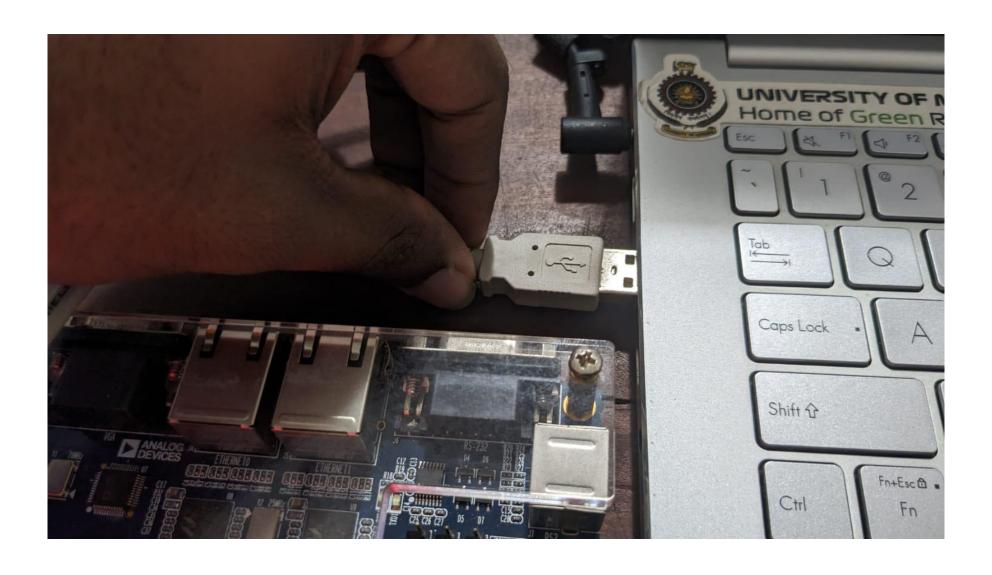
After successful completion of the device selection, go to "Pin Planner" under the same tab.



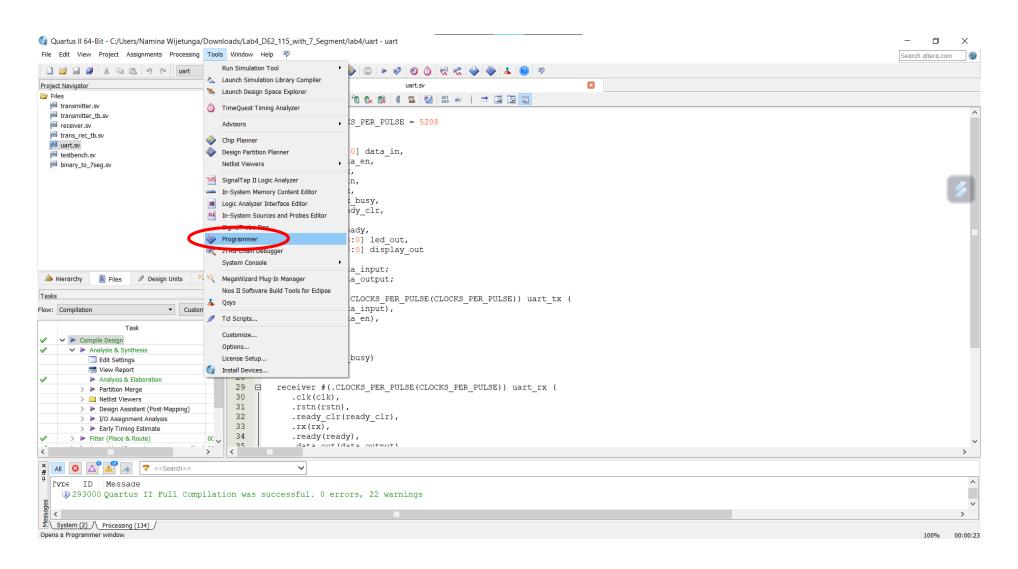
Assign the pins as follows.



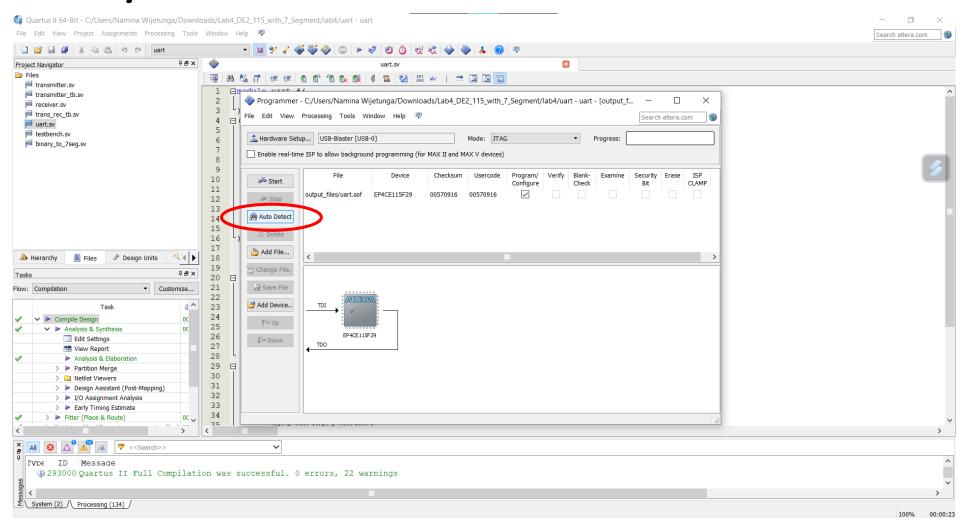
Connect the DE2-115 board to the PC.



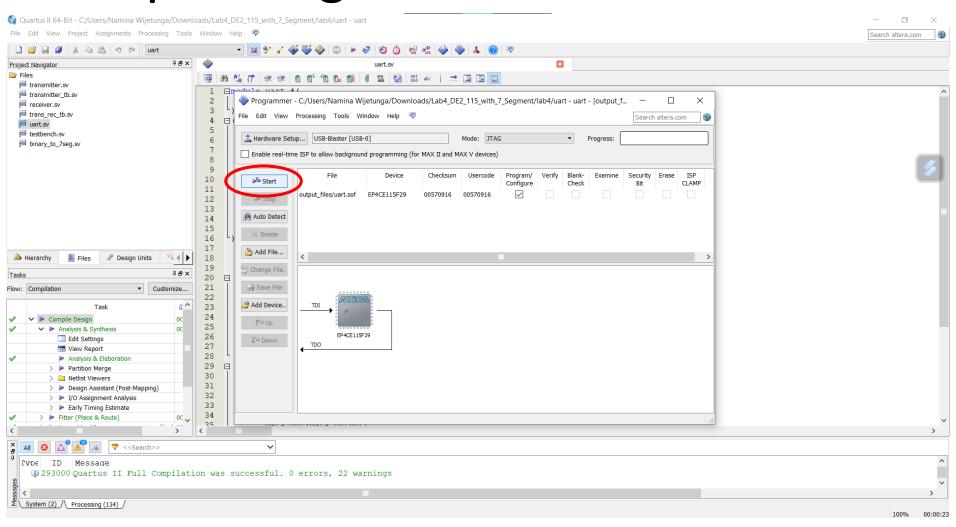
Go to "Tools" tab and select "Programmer".



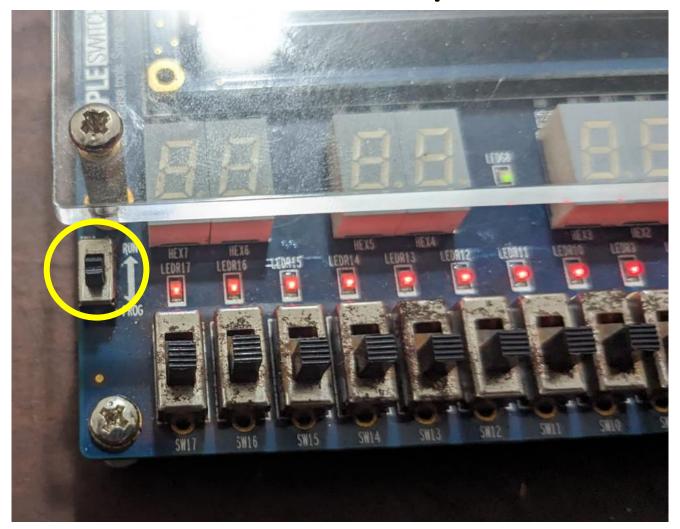
Select "Auto Detect" if the board is NOT correctly selected.



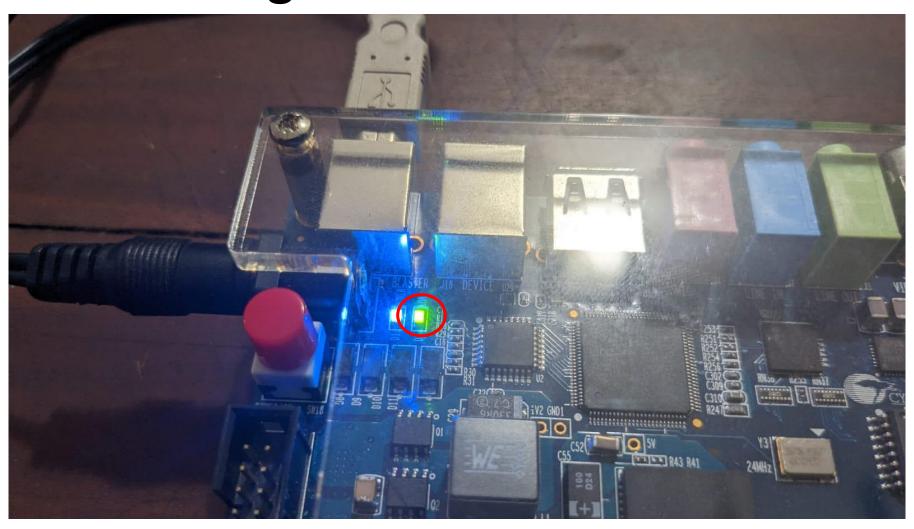
After selecting the board correctly, click "Start" to start uploading.



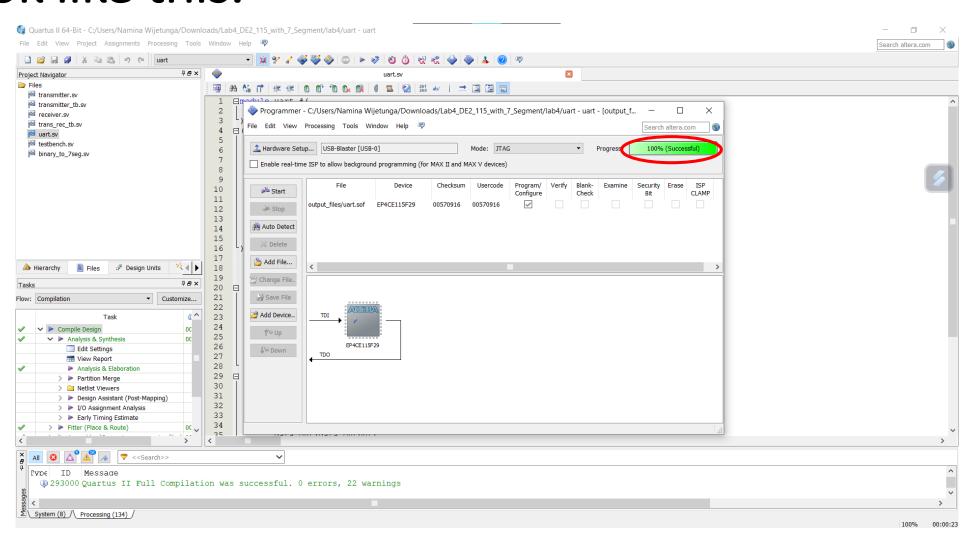
If the upload fails and this pin is in "PROG" mode, change it to "RUN" mode and press "Start".



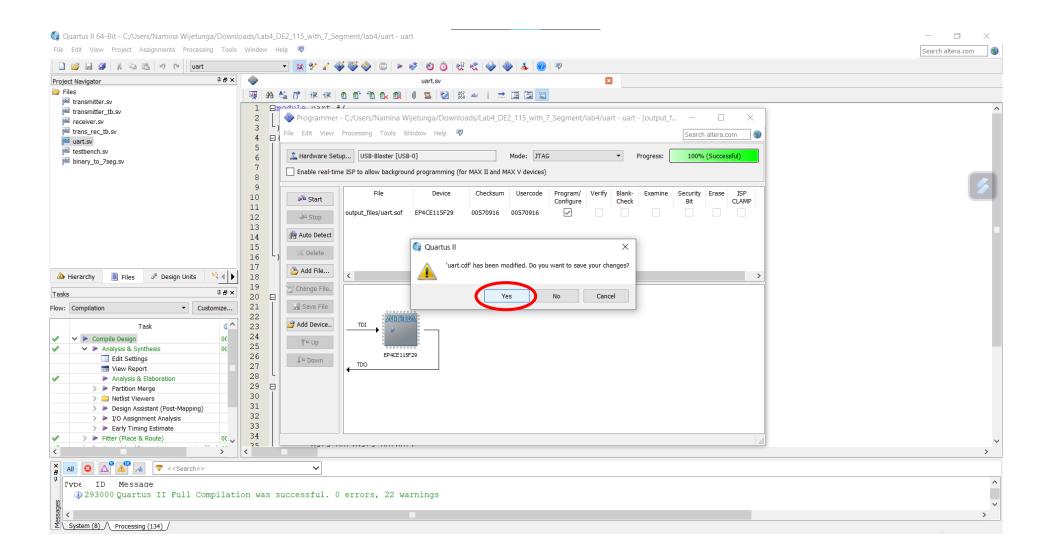
When uploading, the green LED near the blue power LED will glow.



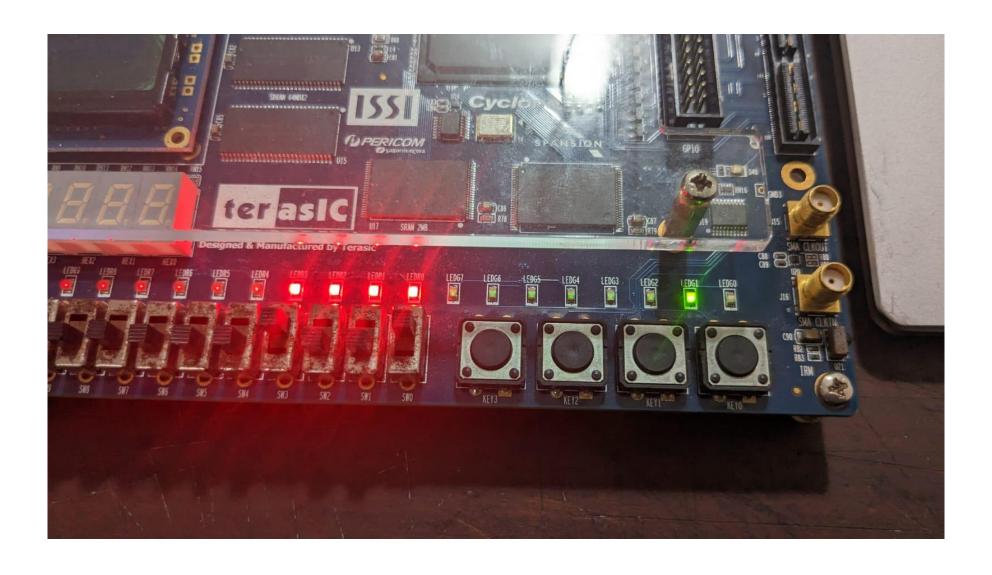
Once the upload is successful, the window will look like this.



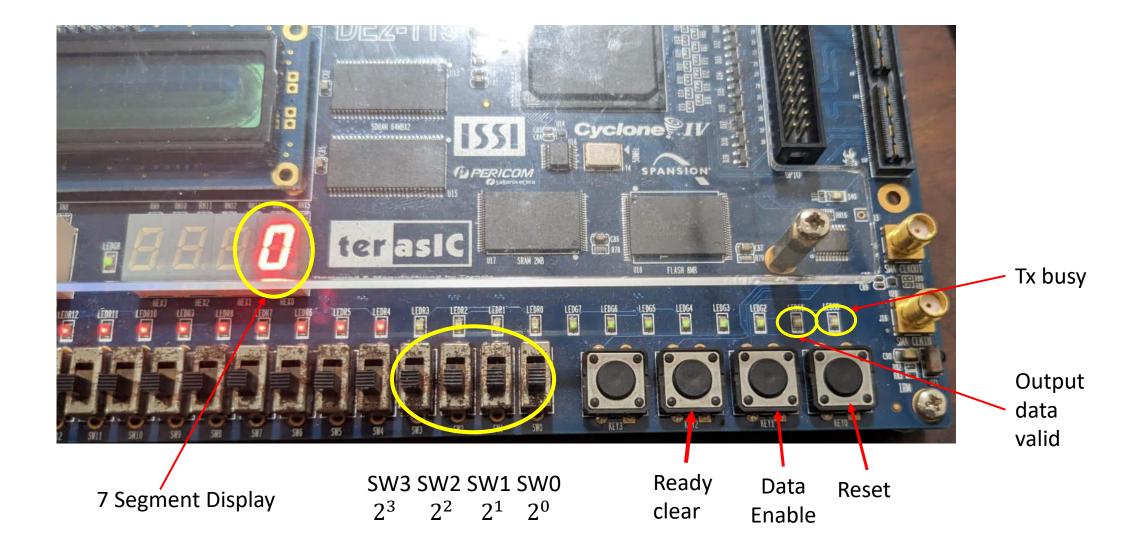
Click "Yes".



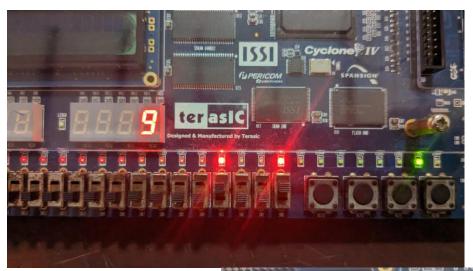
The Initial state of the board is as follows.

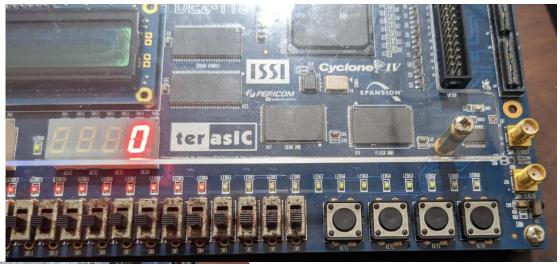


Useful Buttons and Displays



Results







Thank You!