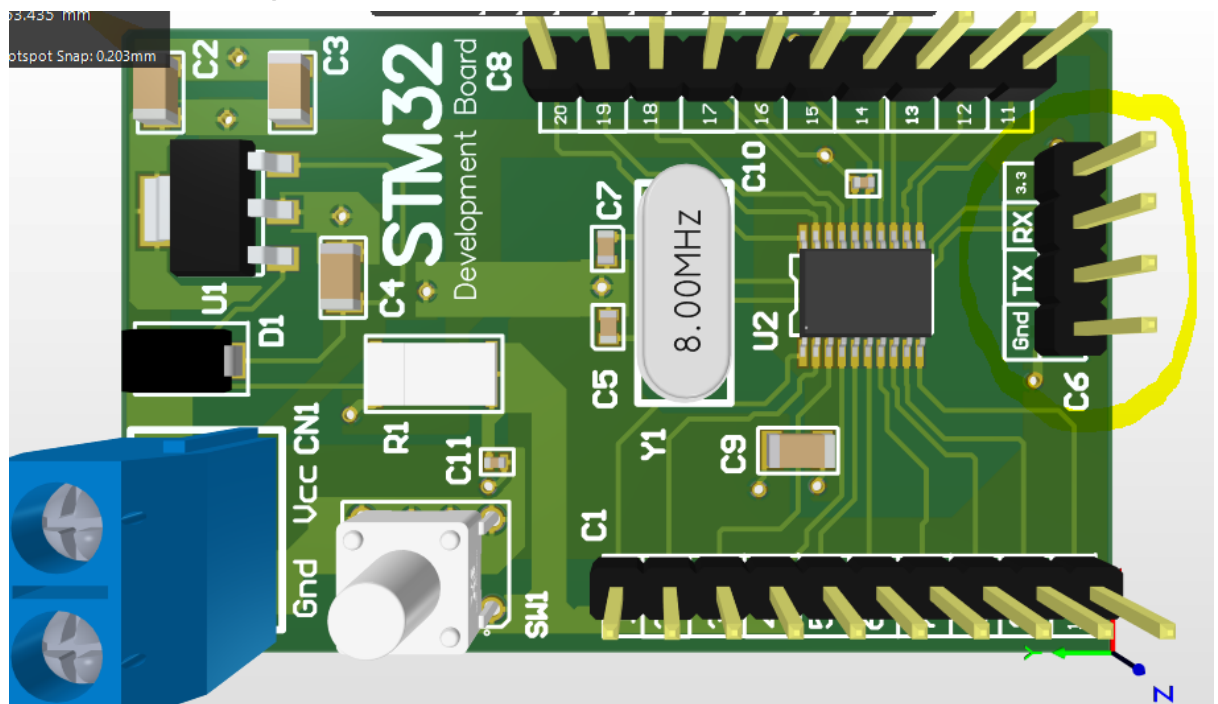


How To Program the STM32F030F4P6 ??

language used: c / c++

hardware used: cp2102 module (TTL to UART)

1. choose a development environment to write the code with.
eg: keil
2. Install the necessary USB driver to recognise the cp2102 module. from this url:
<https://www.silabs.com/developers/usb-to-uart-bridge-vcp-drivers?tab=downloads>
3. write the code for the program in the ide and choose STM32F030F4P6 as the target device.
4. connect cp2102 to the STM32F030F4P6 board specific pins and to the computer to create the interface.



5. compile the code on the ide to create the .hex file
6. use a flash program to flash the .hex file onto the STM32F030F4P6 via cp2102 module.
7. test the actual behavior of the code then modify if it is needed