

Setup NRF BLE dongle for SpO2 Watch

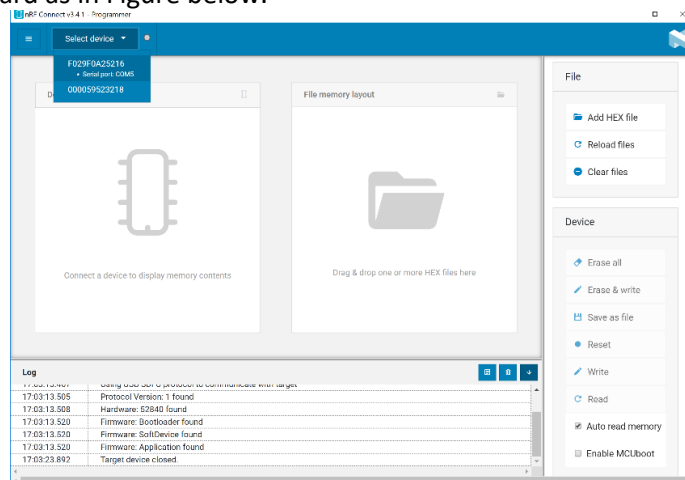
Prepare nRF PCA10059 as the BLE Dongle

1. Download and install nRFConnect Programmer PC tool going through the following link:
https://infocenter.nordicsemi.com/index.jsp?topic=%2Fug_nc_programmer%2FUG%2Fcommon%2Fnrf_connect_app_installing.html

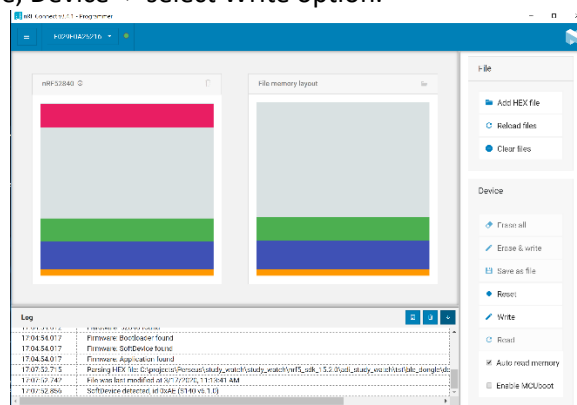
2. Press RESET button on the board (can be seen labeled as RESET, from left side of Figure below), to see the RED light coming.



3. From nRF Connect Programmer, go to top left drop down for 'Select Device' and select the COM Port getting shown for the board as in Figure below.



4. From the right-side pane, File -> select Add HEX File and choose the path to ADIBLEDongle_S140.hex. This is available at -> https://github.com/analogdevicesinc/spo2-watch-sdk/tree/main/utis/dongle_hex/ADIBLEDongle_S140.hex
5. After that from right side pane, Device -> select Write option.



6. This would program the nRF device as a Dongle with selected hex file. At the end, it would be reset, and Dongle is ready to be used.
7. Note the COM port number of Dongle. This will be used to start the CLI over BLE or to connect from AWT.