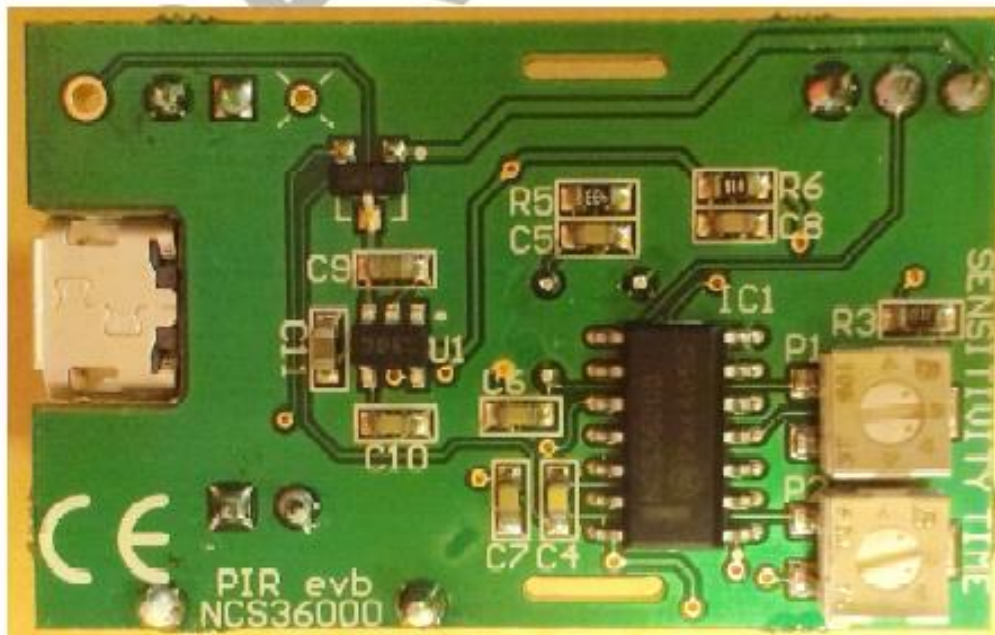




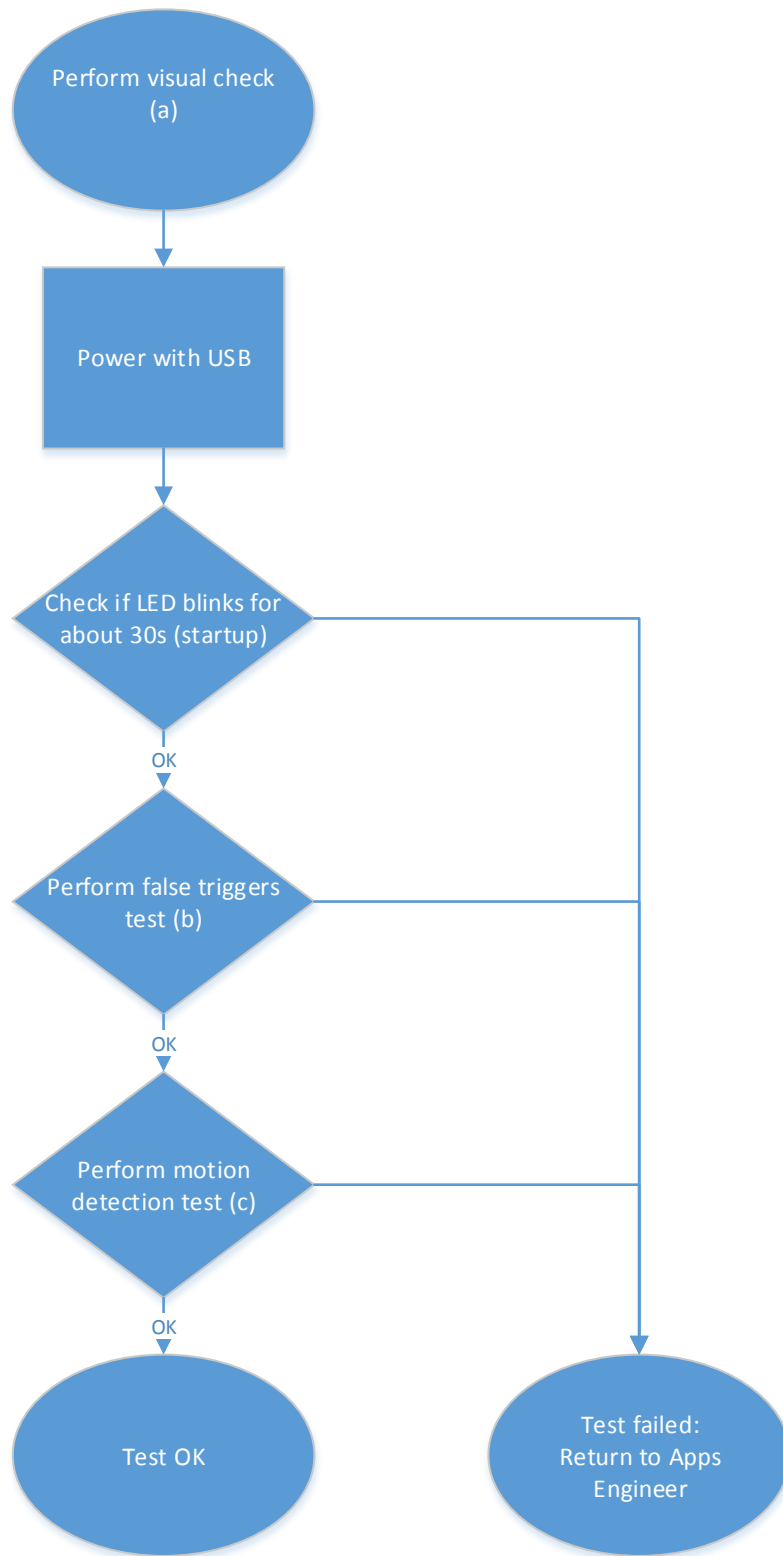
Test Procedure for the NCS36000GEVB Evaluation Board

Board identification:





Workflow:





- a) Visual check: Is the LED Enable jumper closed? If not provide and close the jumper. Is the Mode jumper provided? If not provide jumper, but do not close the connection. Place jumper on one pin.
When USB is connected, inside the lens a LED will start to flash with 1s interval (more or less). This goes on about 30 seconds (initial startup). When this fails send the board back to apps engineer.
- b) After start-up the LED only blinks when motion is detected.
False triggers test: Turn the lens away from IR radiating sources (humans and living things). Keep the device stable with your hand. Do this for at least 15seconds. If the LED blinks during that period a false trigger occurred. In that case, retry the test 2 more times. If it still blinks the board has failed the test. Send the board back to apps engineer.
- c) Perform motion detection:
Wave your hand in front of the lens (about 20cm distance from the lens). If the LED blinks for about 1-3 seconds it has detected the motion. Try this test again 2 more times. If it succeeds the test is succesfull. Else return board to apps engineer.