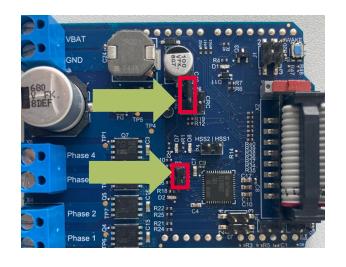




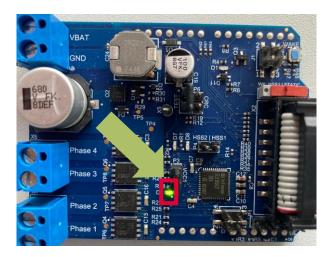




Set the jumpers for the LED connected to VCC1 and to enable the software development mode

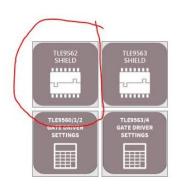


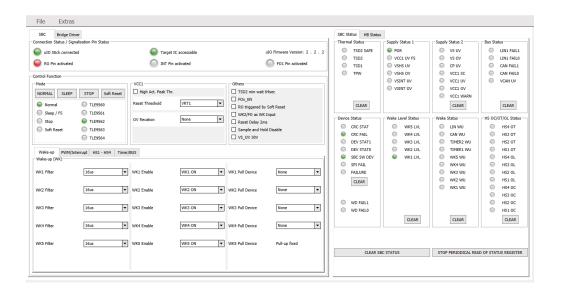
- > Connect the uIO stick to the shield and to the PC
- > Enable the 12V supply
  - The green LED should be on

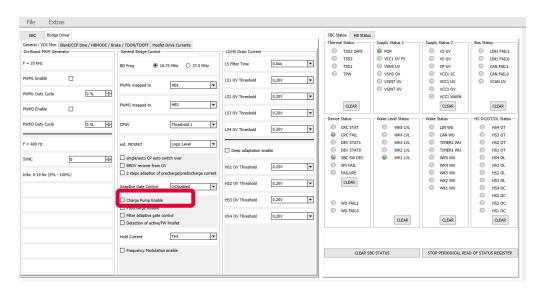




- Start the Config Wizard for the motor system IC and start
- > The GUI should look like that: showing the that uIO stick communicate with the TLE9562



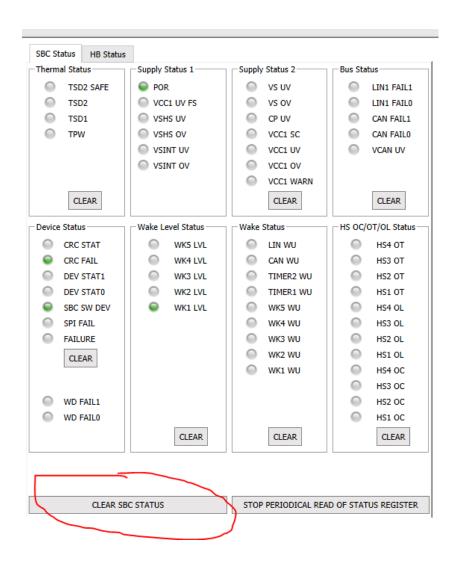




For example the charge pump is disabled

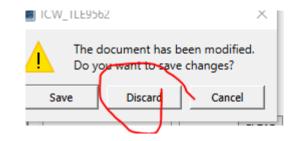


Clear failures (if any)





- > Load the file:
  - File → Load
    - A pop-up window appears → Discard

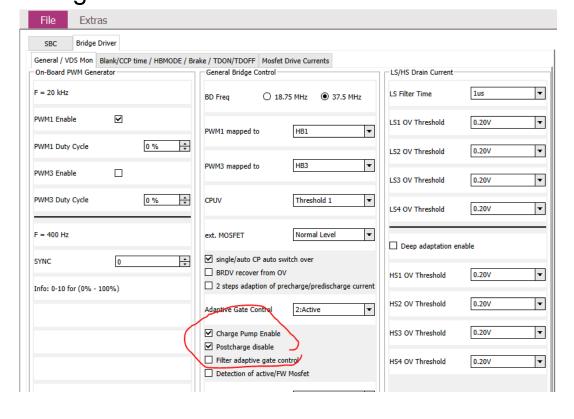


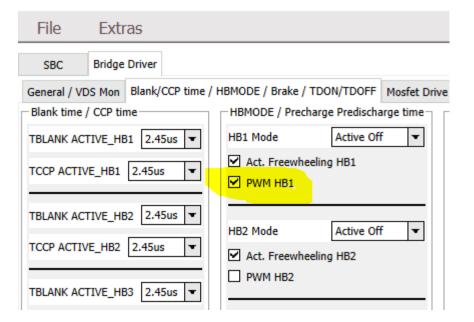
Browse and select the file TLE9562\_ConfigWizard\_2020\_06\_25\_1.icwp (unzip the file before)





The pre-settings are loaded into the TLE9562, for example, the charge pump is enabled, the half-bridge 1 is set in PWM, the charge and discharge currents and timings for the gate drivers are configured



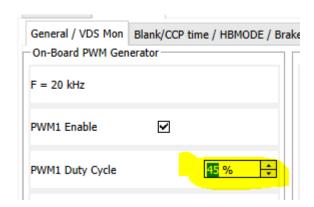


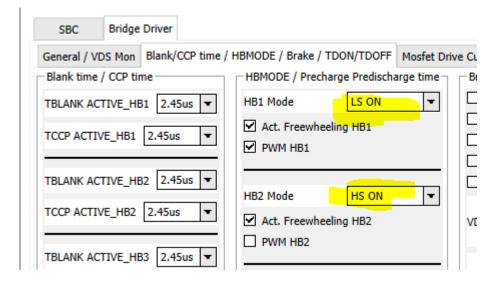


### Step 4 – Activate the motor connected between OUT1 and OUT2

Enable the PWM1 generator by the uIO stick and applied to the PWM1 pin of the TLE9562, set the duty cycle

- > Turn on the low-side 1 (PWM MOSFET)
- Turn on the high-side 2







Part of your life. Part of tomorrow.