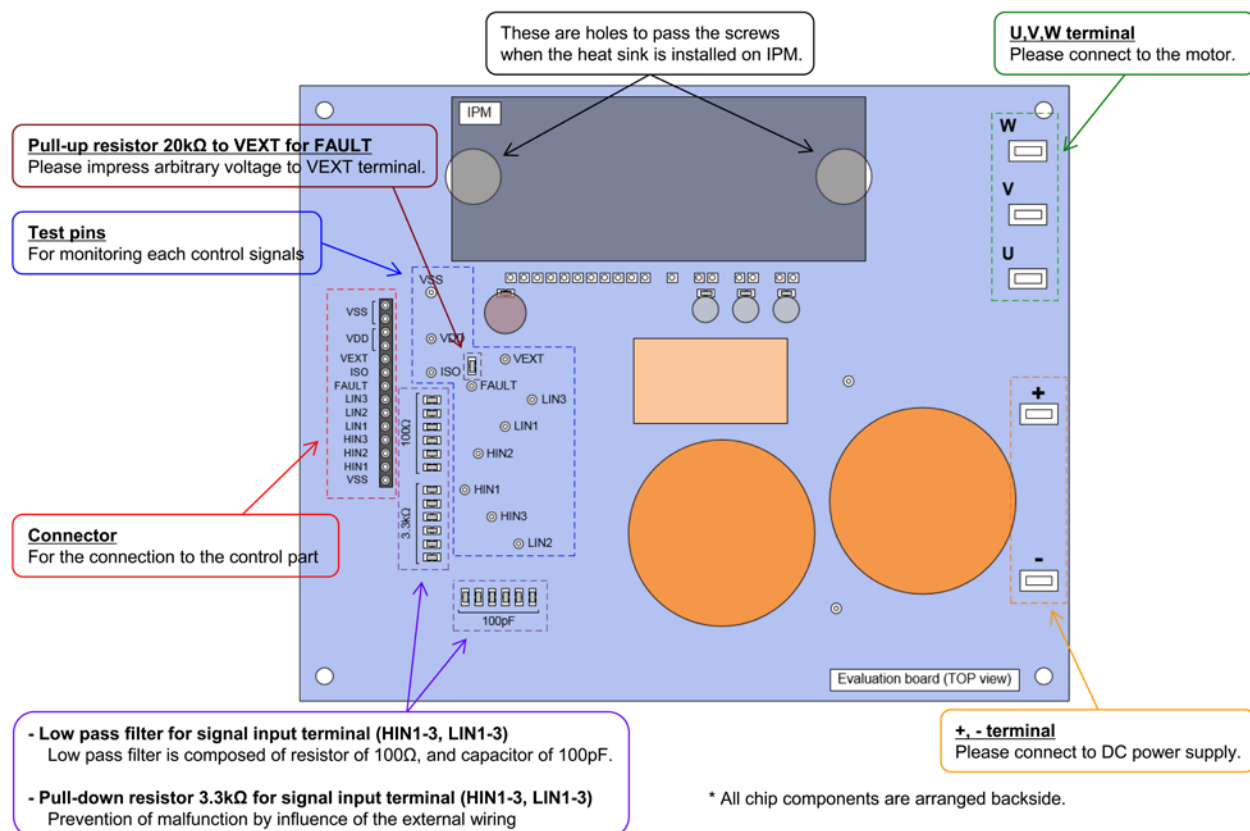




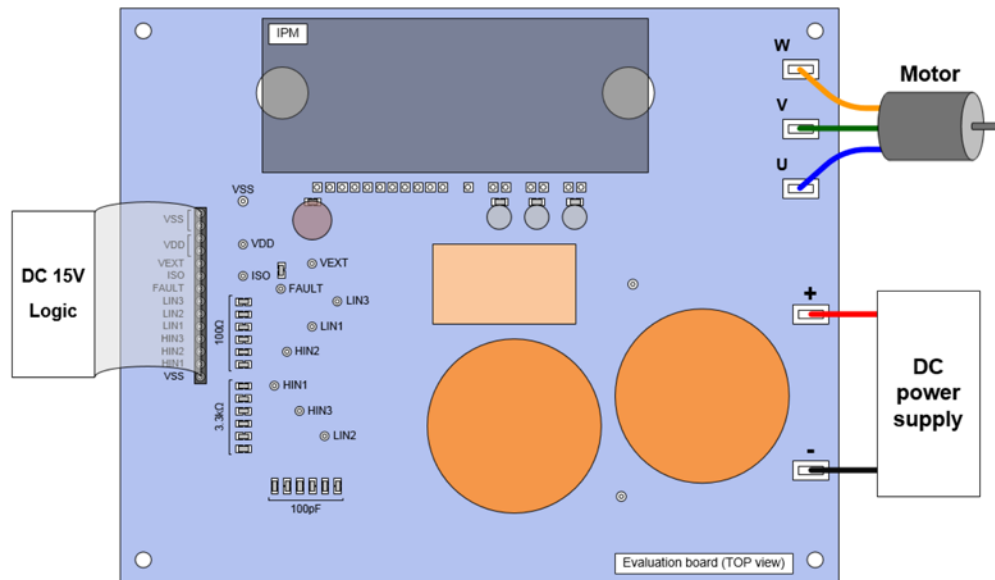
Test Procedure for the STK581U3C2DGEVB Evaluation Board

Description of each pin:





Operation procedure:



- Step1:** Please connect IPM, each power supply, logic parts, and the motor to the evaluation board, and confirm that each power supply is OFF at this time.
- Step2:** Please impress the power supply of DC15V.
- Step3:** Please perform a voltage setup according to specifications, and impress the power supply between the "+" and the "-" terminal.
- Step4:** By inputting signal to the logic part, IPM control is started.
(Therefore, please set electric charge to the boot-strap capacitor of upper side to turn on lower side IGBT before running.)

※ When turning off the power supply part and the logic part, please carry out in the reverse order to above steps.