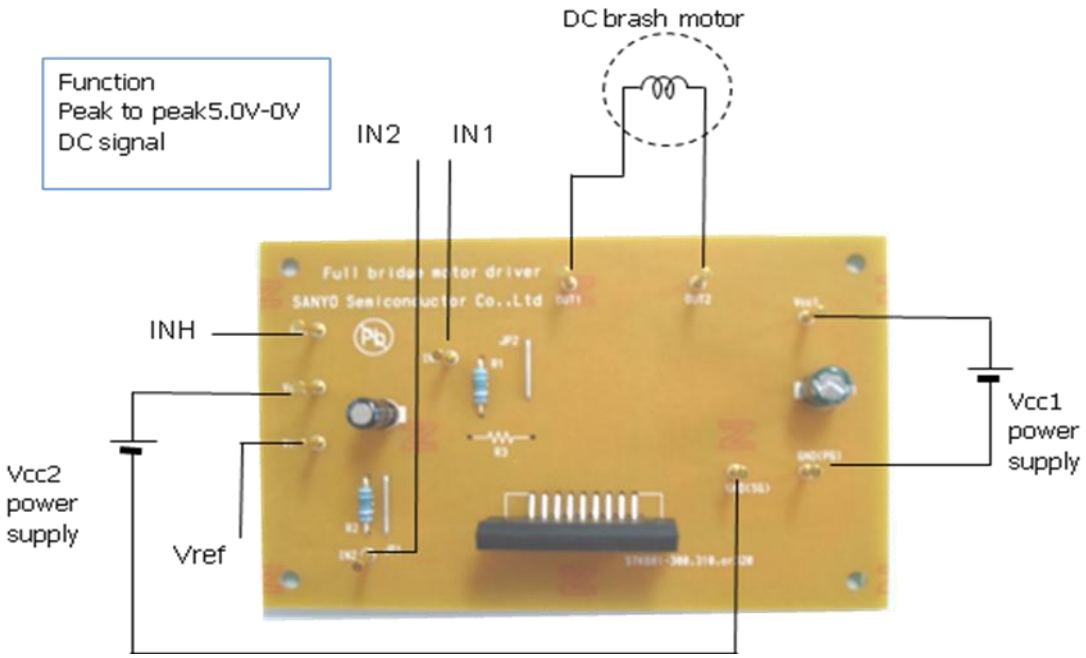
# Test Procedure for the STK681-360GEVB Evaluation Board




**Evaluation Board Setup**

[Supply Voltage] Vcc1 (10 to 42V): Power Supply for DC motor
Vcc2 (5V) : Power Supply for internal logic IC

[Operation Guide]

1. Motor Connection:
   Connect the motor to OUT1 and OUT2.

2. Initial Condition Setting:
   Set to signal condition IN1=H, IN2=H, and INH=L.

3. Power Supply:
   At first, supply DC voltage to Vcc2(5.0V).
   Next, supply DC voltage to Vcc1.

4. Set to Forward or Reverse signal condition with INH=Low.
   Turn “High” INH signal.
   Output current flows between OUT1 and OUT2.

5. Motor Operation