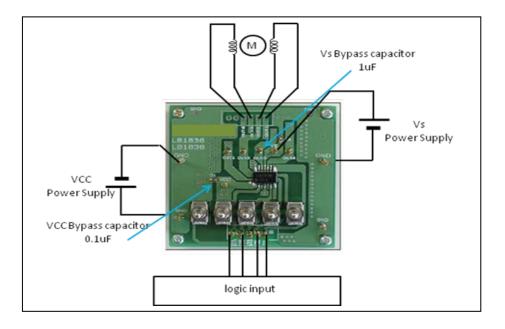
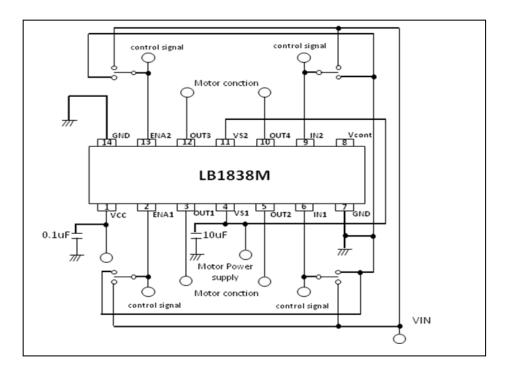


## **Test Procedure for the LB1838MGEVB Evaluation Board**



## (Circuit diagram of the evaluation board)

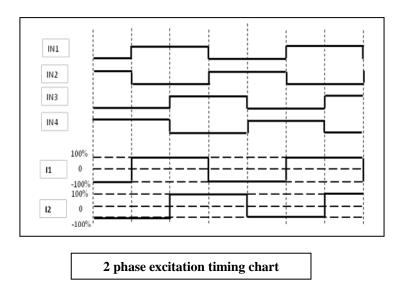


## **ON Semiconductor®**



## **Testing Procedure:**

- 1. Connect a stepper motor with OUT1, OUT2, OUT3 and OUT4.
- 2. Connect the motor power supply with the terminal VCC and VS. Connect the GND line with the terminal GND.
- 3. Stepper motor drives it in 2 phase excitation by inputting a signal such as follows into ENA1, IN1, ENA2 and IN2.
- 4. Check the stepper motor is rotating.
- 5. Check the waveform of the output voltage and current. (Please refer to the following waveform example.)



• Stepper motor driving waveform example

