



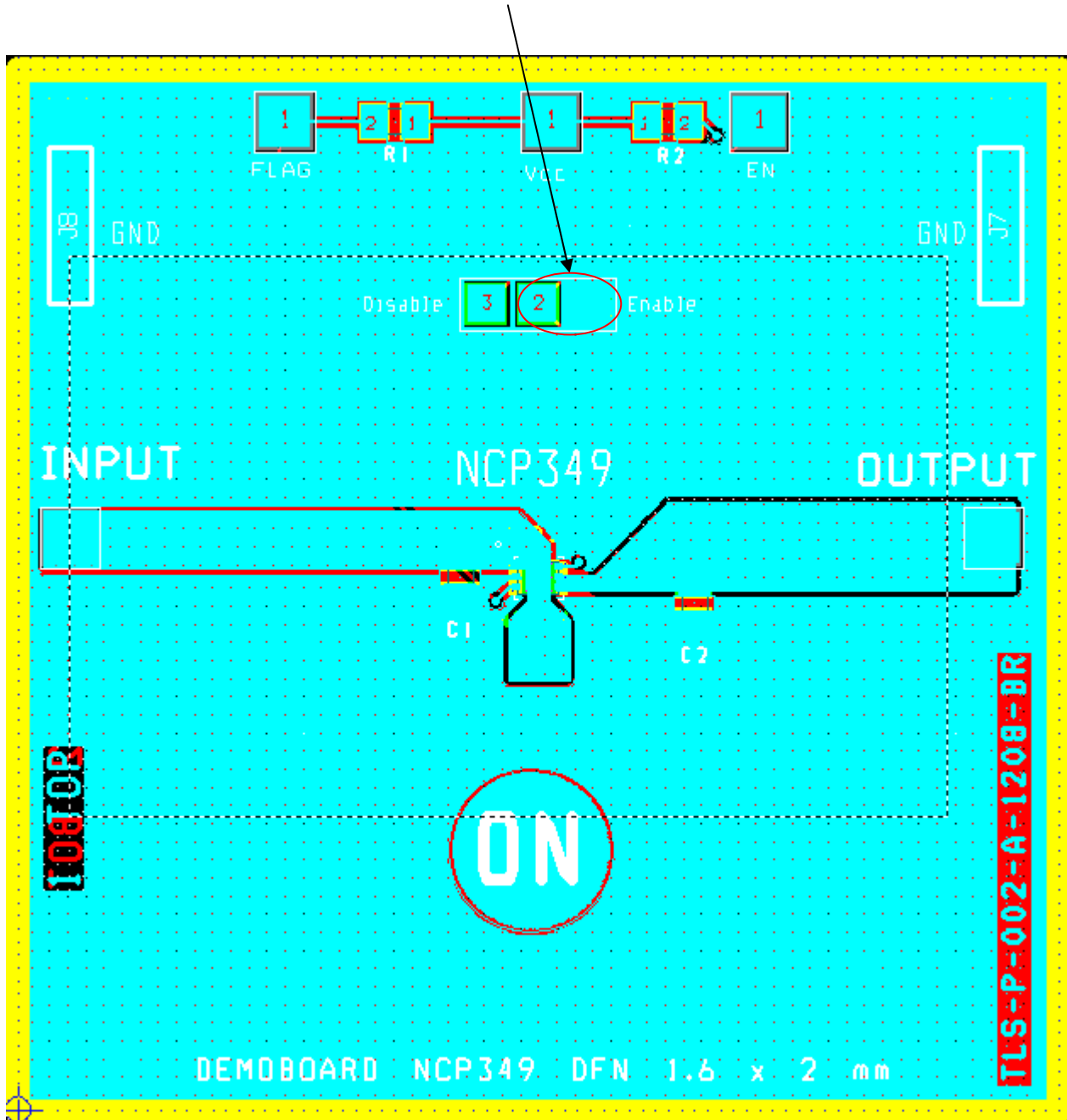
Test Procedure for the NCP349GEVB Evaluation Board

Test Procedure:

Turn On.

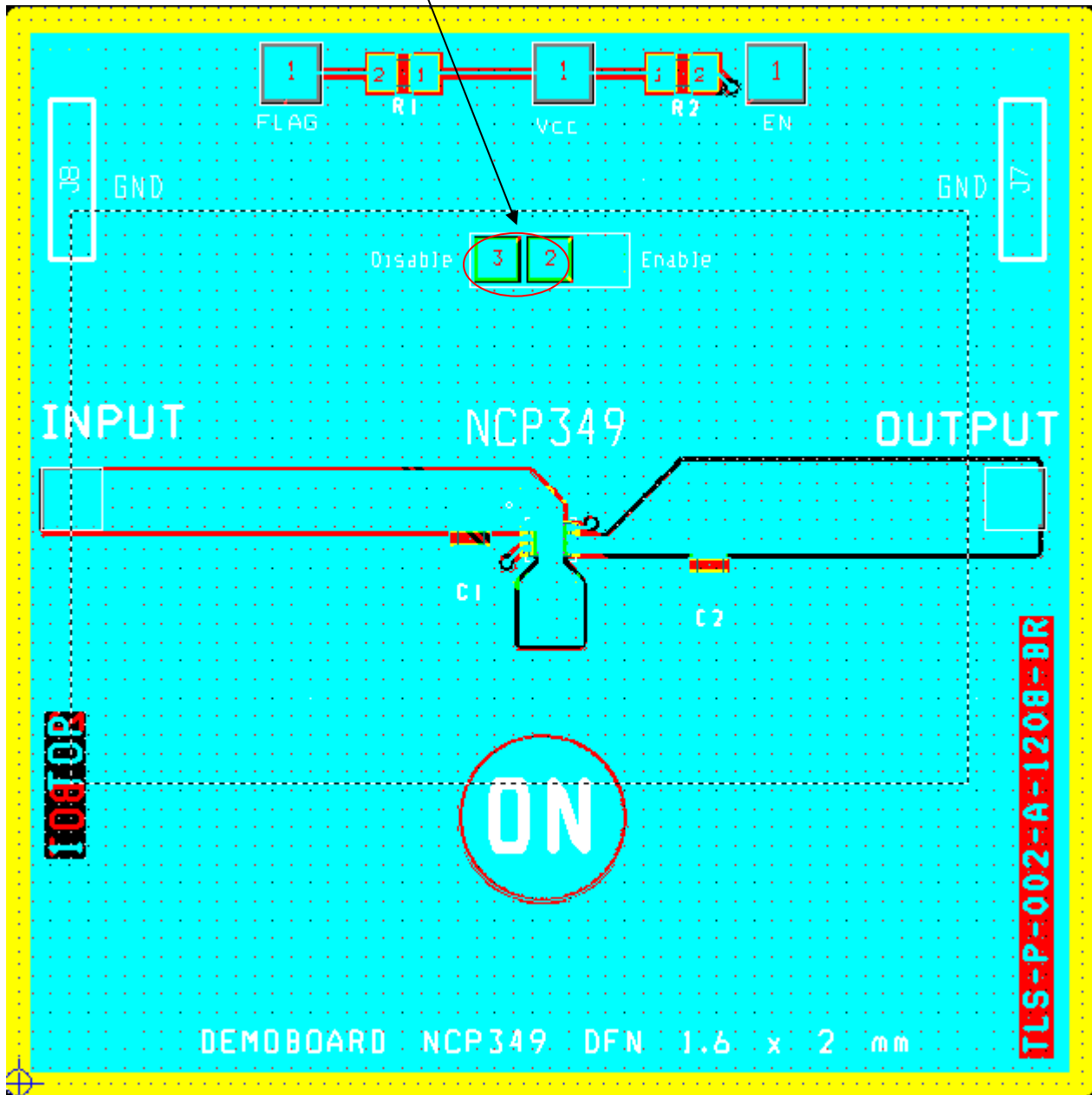
Connecting Process:

1. Connect a supply 4.2V supply on VCC test point.
2. Connect a +5 V power supply on INPUT test point.
3. Connect a 2 pin strap on right side EN connector.



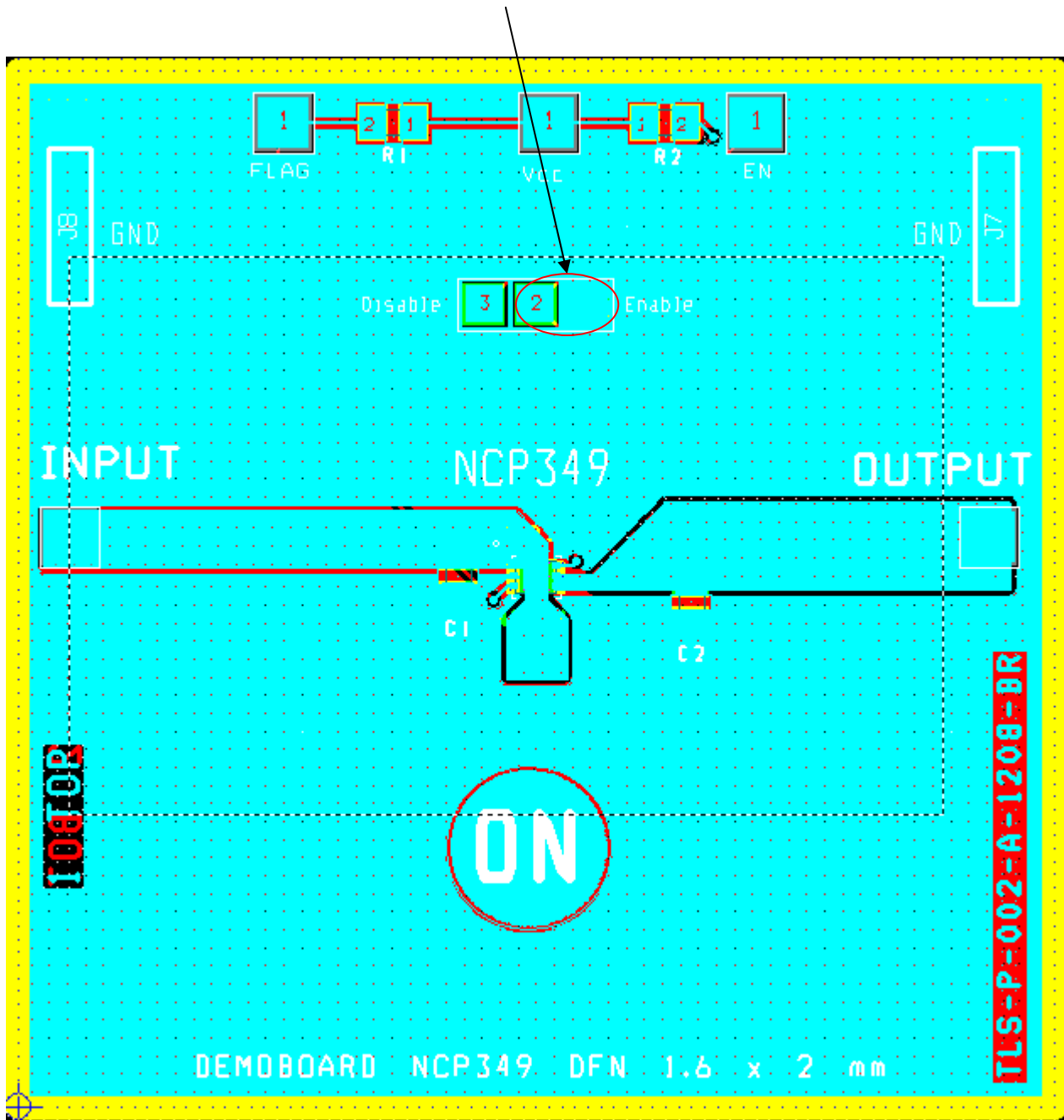


4. Measure VBUS OUT = 5V
5. Measure VIN current consumption: Typical 140µA, Max 250µA
6. Measure FLAG pin > 1.2V
7. Connect strap on left side.





8. Check $V_{out} < 0.3V$
9. Check FLAG pin $> 1.2V$
10. Connect strap on right side EN connector.





11. Set VBUS = 2.7V
12. Check Vout < 0.3V
13. Set VBUS = 8V
14. Check Vout < 0.3V
15. Set VBUS = 5V
16. Check Vout = 5V

Turn Off.

1. Disconnect VUSB.
2. Disconnect Battery supply.