



**PLEASE REVIEW INCLUDED VIDEO [dc18\\_badge\\_test\\_video.mp4](#)**

**Setup:**

- USB cable must be connected to a powered computer or laptop

**Test Procedure:**

1. Hold SW1 and SW2 while inserting USB cable into DC18 Badge's Mini-USB connector
  - a. Bottom set of LEDs should both blink on and then turn off
    - If failure, check P1, U2, D1, D2, D5, R2, R3, R4
  - b. Top set of LEDs should turn on
    - If failure, check SW1, SW2, D3, D4, R5, R6, U1
2. Release SW1 and SW2
3. Disconnect USB cable
4. Apply +3 VDC to the + and - terminals of battery holder (or insert CR2032 Lithium coin cell battery)
5. LCD should display "DEFCON" logo
  - If failure, check Q1, LCD1, C1-C6, C8-C15, R1, U1
6. Remove power
  - a. Do not put pressure onto or behind the LCD
  - b. Ensure that the LCD still shows "DEFCON" logo
7. Test complete