PLEASE REVIEW INCLUDED VIDEO dc17_badge_test_video.mp4
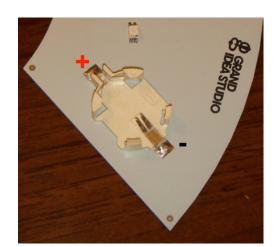
Note: Location, orientation, and position of battery holder, LED, and microphone will vary for the seven different badge designs

Test Procedure:

1. Insert CR2032 Lithium coin cell battery or apply +3V DC to the + and - terminals of battery holder

2. LED on front of the badge should alternate between RED, GREEN, and BLUE colors only for approximately 10 seconds

    a. If failure, check LED (D1), R6, and U1

3. Optional: If sound level in testing environment is quiet, LED will then slowly BLEND between multiple colors

4. Play a loud noise or say some words ("HELLO," "TESTING 1 2 3," etc.) near the microphone hole on the front of the badge

    a. LED should flicker dimly and increase in brightness when noise or voice is spoken

    b. If failure, check microphone (MK1) and C3

5. Remove power

6. Test complete