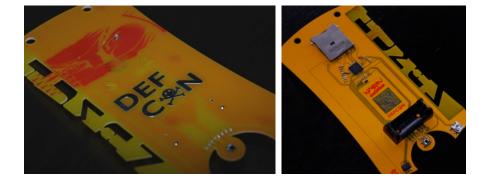


DEFCON 16 Badge System Level Test Procedure

Joe Grand, July 12, 2008

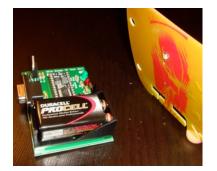


PLEASE REVIEW INCLUDED VIDEO dc16_badge_test_video.mov

Test Procedure:

- 1. Insert 9V battery and turn on the DC16 Test Unit
 - RED LED should be ON
- 2. Hold DC16 Test Unit in front of the DC16 Badge
- 3. Insert CR123A battery or apply +3V DC to the DC16 Badge

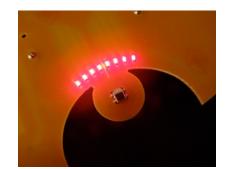






- 4. DC16 Test Unit GREEN LED should turn ON
- 5. All LEDs on the front of the DC16 Badge should turn RED for ~1 second and then begin animation sequence
 - If an individual LED does not turn RED, verify its connection to the PCB and fix
 - If DC16 Test Unit LED does not turn GREEN, verify Q1, D9, R9, R11, R13





- 7. Remove power
- 8. Test complete