

Initial Setup:

1. Attach HDMI cable between Raspberry Pi and computer monitor
2. Attach USB cable to Raspberry Pi
3. Connect power supply to Raspberry Pi's USB Micro-B connector
 - a. Raspberry Pi will automatically boot into the Badge Programming Station software



Test Procedure:

4. Connect USB cable to DUT's USB Micro-B connector
5. Text on screen will indicate device is programming
 - a. White LED = BLINKING during data transfer
 - b. Error or no detection indicates failure at P2, U1, U2, U5, Y1, or related components
6. After programming, all LEDs on front of DUT will turn ON for ~2 seconds
 - a. Any LED not ON indicates failure at LED, R11, R12, R13, R14, or U4
7. All LEDs on DUT will turn OFF
 - a. BLINKING LEDs before turning OFF indicates failure at U3
8. **Carefully** remove DUT from Raspberry Pi
 - a. Place thumb on top of P2 (USB) to prevent connector from pulling off of board



END OF TEST

Refer to video demonstration at <https://youtu.be/JigRbNXcMB8>

