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| Test Writer: Edgard Musafiri and Sarmad Butti | | | | | | | |
| Test Case Name |  | | | Type: | | * White Box * Black Box | |
| Description: | Ensuring all LEDs in the LED matrix are functioning. Observing how the LED matrix responds. | | |
| Tester Information: |  | | | | | | |
| Name of Tester: |  | | | Date: | |  | |
| Hardware Ver: |  | | | Time: | |  | |
| Setup: | Connecting the device to a battery and begin testing the LED response. | | | | | | |
| Test: | Action | Expected Result | Pass | | Fail | | Comments |
| LED 1 | Put the battery and turn on the device | LED 1 turn ON |  | |  | |  |
| LED 2 | Turn the pot to the right once | LED 2 turn ON |  | |  | |  |
| LED 3 | Turn the pot to the right once | LED 3 turn ON |  | |  | |  |
| LED 4 | Turn the pot to the right once | LED 4 turn ON |  | |  | |  |
| LED 5 | Turn the pot to the right once | LED 5 turn ON |  | |  | |  |
| LED 6 | Turn the pot to the right once | LED 6 turn ON |  | |  | |  |
| LED 7 | Turn the pot to the right once | LED 7 turn ON |  | |  | |  |
| LED 8 | Turn the pot to the right once | LED 8 turn ON |  | |  | |  |
| LED 9 | Turn the pot to the right once | LED 9 turn ON |  | |  | |  |
| Overall Test Result | | |  | |  | |  |