|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **CSE331.4Group-4 (Spring 2022)** | | | |  |
|  | **Arduino Nano Input Side Power Consumption** | | | |  |
| **Input Logic** | **Output Logic** | **Current (mA)** | **Avg. Current (mA)** | **Voltage (V)** | **Power (mW)** |
| 0000 | 1001 | 45.5 | 44.7 | 5.0 | 223.5 |
| 43.8 |
| 44.9 |
| 1000 | 0001 | 38.1 | 37.7 | 5.0 | 188.5 |
| 37.6 |
| 37.4 |
| 0100 | 1101 | 54.9 | 54.6 | 5.0 | 273.0 |
| 55.1 |
| 53.7 |
| 1100 | 1101 | 55.0 | 55.3 | 5.0 | 276.5 |
|
| 54.7 |
| 56.1 |
| 0010 | 1010 | 50.4 | 49.9 | 5.0 | 249.5 |
| 49.8 |
| 49.5 |
| 1010 | 0010 | 45.8 | 43.9 | 5.0 | 219.5 |
| 43.2 |
| 43.9 |
| 0110 | 1101 | 55.4 | 55.8 | 5.0 | 279.0 |
| 55.9 |
| 56.0 |
| 1110 | 1010 | 53.3 | 53.3 | 5.0 | 266.5 |
| 52.9 |
| 53.7 |
| 0001 | 1100 | 51.8 | 51.3 | 5.0 | 256.5 |
| 52.3 |
| 49.7 |
| 1001 | 1101 | 57.2 | 56.8 | 5.0 | 284.0 |
| 56.8 |
| 55.5 |
| 0101 | 1011 | 57.6 | 57.3 | 5.0 | 286.5 |
| 56.9 |
| 57.3 |
| 1101 | 0011 | 50.8 | 50.5 | 5.0 | 252.5 |
| 51.3 |
| 49.5 |
| 0011 | 0000 | 32.4 | 32.9 | 5.0 | 164.5 |
| 33.5 |
| 32.9 |
| 1011 | 1110 | 62.0 | 62.4 | 5.0 | 312.0 |
| 63.5 |
| 61.8 |
| 0111 | 0000 | 33.8 | 33.5 | 5.0 | 167.5 |
| 32.7 |
| 34.0 |
| 1111 | 0011 | 51.3 | 50.6 | 5.0 | 253 |
| 50.6 |
| 49.8 |

*Table 6.3.1: Arduino Nano Input Side Power*