|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Min Voltage | Max Voltage | Period | How close to 100ms and why they differ | CPU usage | Shortest Period | Stable Period? | Period after vi | Clean up file | Period using sh |
| Bash Script | 600mv | 4.7V | 0.23584 | Double 100ms | 2.60% | 0.0357 | Yes | 0.2369 | No change | No change |
| Python | 3.9V | 4.7V | 0.10050 | Very close to 100ms | 3.90% | 0.0015 | No | 0.1005 | No change | No change |
| C | 250mV | 4.31V | 0.10101 | Very close to 100ms | 3.90% | 0.00117 | No | 0.1010 | No change | No change |

|  |  |  |  |
| --- | --- | --- | --- |
| Bash Period | Time | CPU usage | Period |
|  | 0.1 | 2.60% | 0.235 |
|  | 0.05 | 2.60% | 0.1349527665 |
|  | 0.01 | 2.60% | 0.05555555556 |
|  | 0.005 | 3.20% | 0.04545454545 |
|  | 0.001 | 3.90% | 0.03759398496 |
|  | 0.0001 | 3.90% | 0.03571428571 |
|  |  |  |  |
| Python Period | Time | CPU usage | Period |
|  | 0.1 | 3.90% | 0.1005 |
|  | 0.01 | 4.50% | 0.01041666667 |
|  | 0.001 | 4.50% | 0.001349527665 |
|  |  |  |  |
| C Period | Time | CPU usage | Period |
|  | 0.1 | 3.90% | 0.101010101 |
|  | 0.01 | 4% | 0.01025641026 |
|  | 0.001 | 4% | 0.001177301625 |