Lab 5: Voltage Sensing

Lee Phonthongsy

# Lab 5 Serial Monitor Results

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| --- | --- | --- |
| Temp (C) | Voltage | Runtime |
| 34.48 | 3.81 | 1640 |
| 33.7 | 3.78 | 1003172 |
| 33.13 | 3.76 | 2004848 |
| 35.06 | 3.81 | 3006536 |
| 35.26 | 3.83 | 4008220 |
| 36.65 | 3.83 | 5009884 |
| 36.86 | 3.86 | 6011548 |
| 37.26 | 3.86 | 7013208 |
| 36.86 | 3.86 | 8014884 |
| 37.26 | 3.88 | 9016548 |
| 37.06 | 3.86 | 10018200 |
| 36.65 | 3.86 | 11019908 |
| 37.26 | 3.88 | 12021612 |
| 37.26 | 3.86 | 13023332 |
| 37.67 | 3.88 | 14025040 |
| 37.47 | 3.86 | 15026756 |
| 37.47 | 3.88 | 16028460 |
| 37.47 | 3.86 | 17030180 |
| 36.45 | 3.86 | 18031892 |
| 35.45 | 3.83 | 19033612 |
| 34.67 | 3.83 | 20035340 |
| 33.9 | 3.78 | 21037072 |
| 33.13 | 3.78 | 22038796 |
| 32.38 | 3.78 | 23040524 |
| 31.82 | 3.71 | 24042244 |
| 31.27 | 3.71 | 25043996 |
| 30.72 | 3.71 | 26045724 |
| 30.36 | 3.69 | 27047452 |
| 30 | 3.69 | 28049156 |
| 29.65 | 3.71 | 29050904 |
| 29.11 | 3.66 | 30052628 |
| 29.11 | 3.66 | 31054356 |
| 28.76 | 3.64 | 32056076 |
| 28.59 | 3.64 | 33057812 |
| 28.24 | 3.61 | 34059532 |
| 28.07 | 3.64 | 35061256 |
| 27.89 | 3.64 | 36062976 |
| 27.72 | 3.61 | 37064716 |
| 27.72 | 3.61 | 38066444 |
| 27.55 | 3.61 | 39068172 |
| 27.38 | 3.64 | 40069900 |
| 27.38 | 3.59 | 41071628 |
| 27.2 | 3.59 | 42073340 |
| 27.2 | 3.64 | 43075064 |
| 27.03 | 3.59 | 44076780 |
| 26.69 | 3.59 | 45078508 |
| 26.86 | 3.61 | 46080228 |
| 26.69 | 3.59 | 47081936 |
| 26.69 | 3.59 | 48083648 |
| 26.53 | 3.59 | 49085376 |
| 26.36 | 3.56 | 50087108 |
| 26.36 | 3.56 | 51088820 |
| 26.19 | 3.56 | 52090548 |
| 26.53 | 3.59 | 53092280 |
| 26.19 | 3.56 | 54094020 |
| 26.36 | 3.61 | 55095732 |
| 26.19 | 3.56 | 62107868 |
| 26.02 | 3.59 | 63109572 |
| 26.02 | 3.59 | 64111284 |
| 26.02 | 3.56 | 65113000 |
| 25.85 | 3.56 | 66114728 |
| 26.02 | 3.61 | 67116440 |
| 26.02 | 3.56 | 68118148 |
| 26.02 | 3.56 | 69119864 |
| 26.02 | 3.56 | 70121588 |
| 25.85 | 3.56 | 71123304 |
| 26.02 | 3.56 | 72125012 |
| 25.85 | 3.56 | 73126724 |
| 25.85 | 3.56 | 74128456 |
| 25.69 | 3.56 | 93161084 |
| 25.69 | 3.54 | 94162812 |
| 25.69 | 3.54 | 95164540 |
| 25.52 | 3.56 | 96166260 |
| 25.69 | 3.56 | 97167980 |
| 25.52 | 3.54 | 98169692 |
| 25.69 | 3.54 | 99171428 |
| 25.52 | 3.54 | 100173140 |
| 25.69 | 3.54 | 101174900 |
| 25.52 | 3.56 | 102176668 |
| 25.52 | 3.59 | 103178444 |
| 25.52 | 3.54 | 104180204 |
| 25.52 | 3.56 | 118204916 |
| 25.69 | 3.54 | 132229620 |
| 25.69 | 3.56 | 133231372 |
| 25.69 | 3.56 | 134233148 |
| 25.69 | 3.54 | 135234908 |
| 25.69 | 3.54 | 136236668 |
| 25.69 | 3.56 | 137238436 |
| 25.69 | 3.56 | 138240204 |
| 25.69 | 3.54 | 139241964 |
| 25.69 | 3.54 | 140243724 |
| 25.69 | 3.54 | 141245500 |
| 25.69 | 3.56 | 142247260 |
| 25.52 | 3.54 | 143249020 |
| 25.52 | 3.56 | 144250788 |
| 25.52 | 3.54 | 145252556 |
| 25.02 | 3.54 | 267467836 |
| 29.29 | 3.66 | 268469612 |
| 31.45 | 3.71 | 269471388 |
| 33.32 | 3.78 | 270473164 |
| 32.01 | 3.76 | 271474936 |
| 32.01 | 3.76 | 272476704 |
| 33.7 | 3.78 | 273478464 |
| 33.32 | 3.78 | 274480244 |
| 33.13 | 3.76 | 275482012 |
| 33.51 | 3.81 | 276483784 |
| 33.9 | 3.78 | 277485552 |
| 33.32 | 3.78 | 278487332 |
| 34.09 | 3.78 | 279489092 |
| 33.51 | 3.78 | 280490852 |
| 32.76 | 3.78 | 281492644 |
| 32.38 | 3.74 | 282494420 |
| 31.82 | 3.74 | 283496188 |
| 31.45 | 3.71 | 284497980 |
| 31.09 | 3.71 | 285499752 |
| 30.72 | 3.71 | 286501524 |
| 30.18 | 3.69 | 287503308 |
| 29.82 | 3.66 | 288505084 |
| 29.65 | 3.69 | 289506852 |
| 29.11 | 3.66 | 290508616 |
| 28.94 | 3.69 | 291510404 |
| 28.59 | 3.64 | 292512172 |
| 28.41 | 3.64 | 293513932 |
| 28.07 | 3.61 | 294515708 |
| 27.89 | 3.64 | 295517480 |
| 27.72 | 3.61 | 296519252 |
| 27.55 | 3.61 | 297521032 |
| 27.55 | 3.61 | 298522820 |
| 27.38 | 3.61 | 299524588 |
| 27.2 | 3.59 | 300526352 |
| 27.03 | 3.59 | 301528124 |
| 26.86 | 3.59 | 302529880 |
| 26.86 | 3.59 | 303531640 |
| 26.69 | 3.59 | 304533412 |
| 26.69 | 3.59 | 305535176 |
| 26.36 | 3.59 | 306536940 |
| 26.53 | 3.59 | 307538700 |
| 26.36 | 3.59 | 308540484 |
| 26.36 | 3.61 | 309542248 |
| 26.36 | 3.59 | 310544012 |
| 26.36 | 3.56 | 311545780 |
| 26.19 | 3.56 | 312547556 |
| 26.19 | 3.59 | 313549324 |
| 26.19 | 3.61 | 314551088 |
| 26.19 | 3.56 | 315552876 |
| 26.02 | 3.56 | 316554628 |
| 25.85 | 3.56 | 317556384 |
| 26.02 | 3.56 | 318558152 |