



NOTES

- $R_1 = 768K\Omega$
- $R_2 = 330K\Omega$
- $R_3 = 150K\Omega$
- $R_4 = 330K\Omega$
- $R_{SENSE} = 3.9\Omega$
- Solar Current = $((AD_{0-1})(R_1+R_2))/((R_2)(R_{SENSE}))$
- Battery Current = $((AD_{4-5})(R_3+R_4))/((R_4)(R_{SENSE}))$
- Solar Voltage = $((AD_0)(R_1+R_2))/(R_2)$
- Battery Voltage = $((AD_5)(R_3+R_4))/(R_4)$