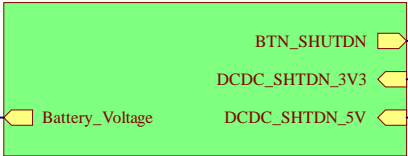
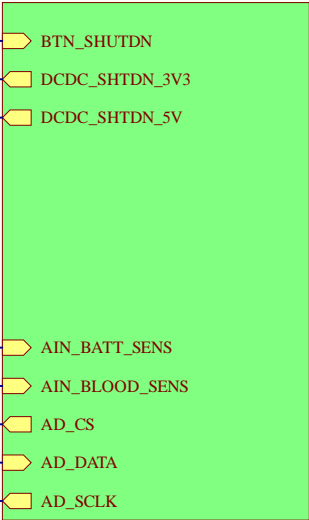


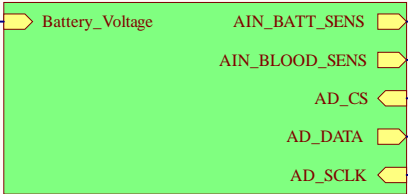
U_POW
POW.SchDoc

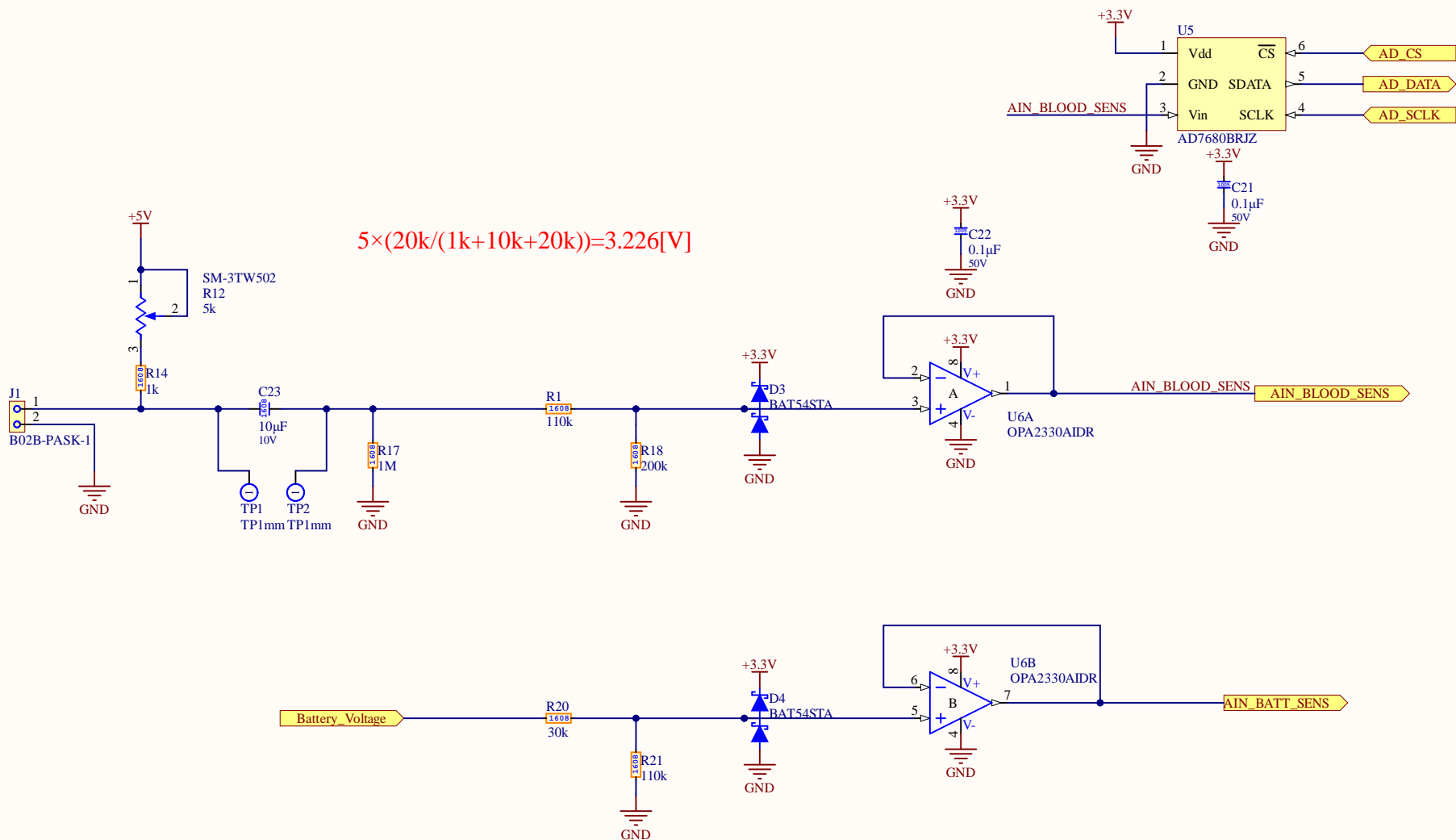


U_MCU
MCU.SchDoc



U_ADC
ADC.SchDoc





$$5 \times (20k / (1k + 10k + 20k)) = 3.226[V]$$

Max output
3.7 V output
Low Battery

$$4.2 \times (110k / (30k + 110k)) = 3.3[V]$$

$$3.7 \times (110k / (30k + 110k)) = 2.907[V]$$

$$3.15 \times (110k / (30k + 110k)) = 2.475[V]$$

