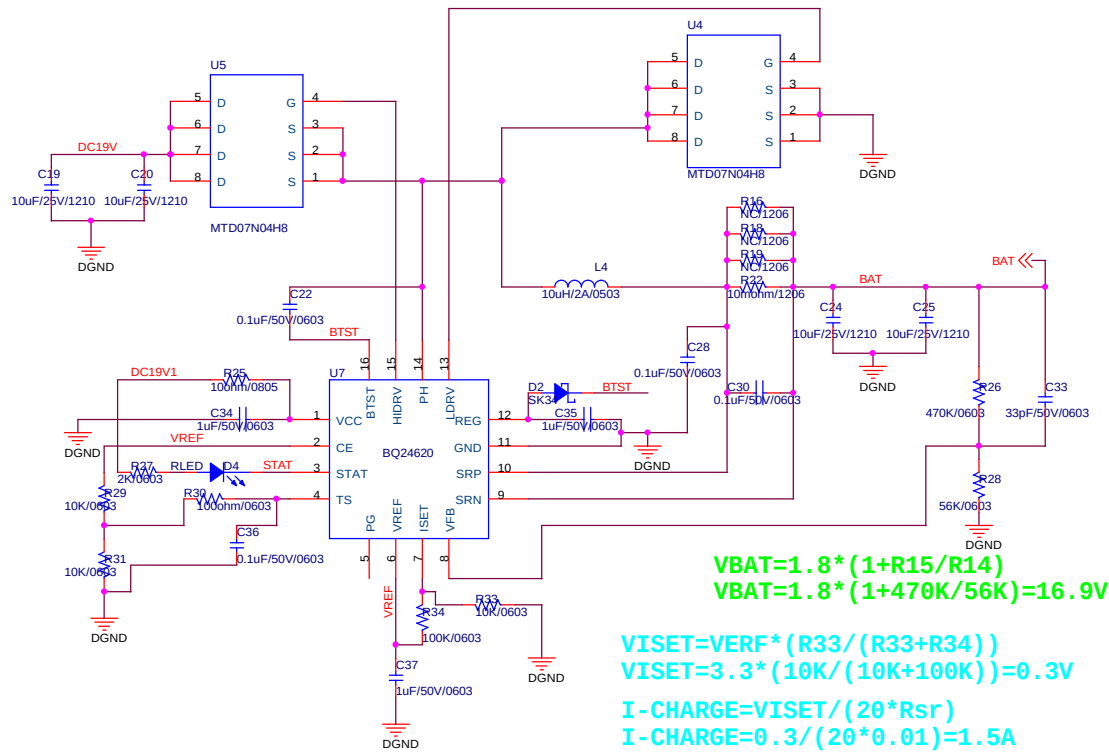




$$VBAT=1.8 \cdot (1+R15/R14)$$

$$VBAT=1.8 \cdot (1+470K/56K)=16.9V$$

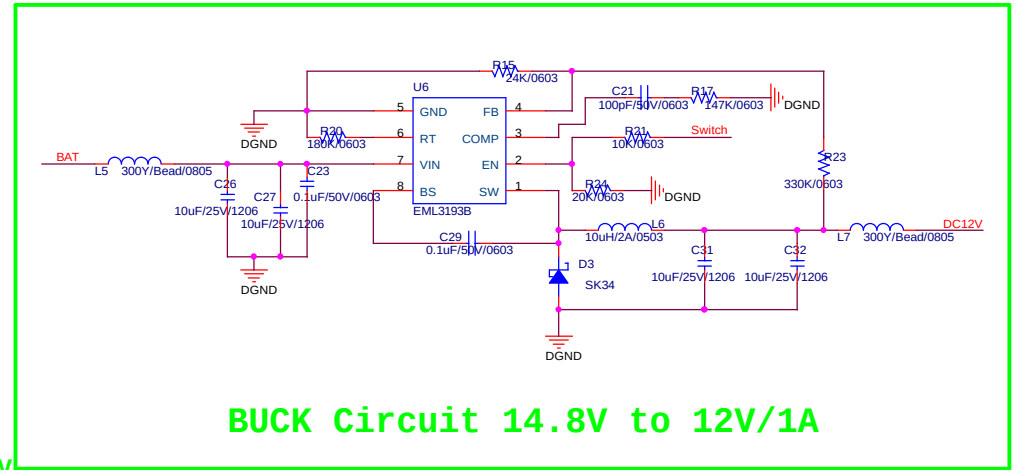
$$VISET=VERF \cdot (R33 / (R33+R34))$$

$$VISET=3.3 \cdot (10K / (10K+100K))=0.3V$$

$$I-CHARGE=VISET / (20 \cdot Rsr)$$

$$I-CHARGE=0.3 / (20 \cdot 0.01)=1.5A$$

$$STAT=2.5V \rightarrow 19V \text{ Charge off}$$



Note: Battery min $3.2 \cdot 4=12.8V$
Battery max $4.25 \cdot 4=17V$

