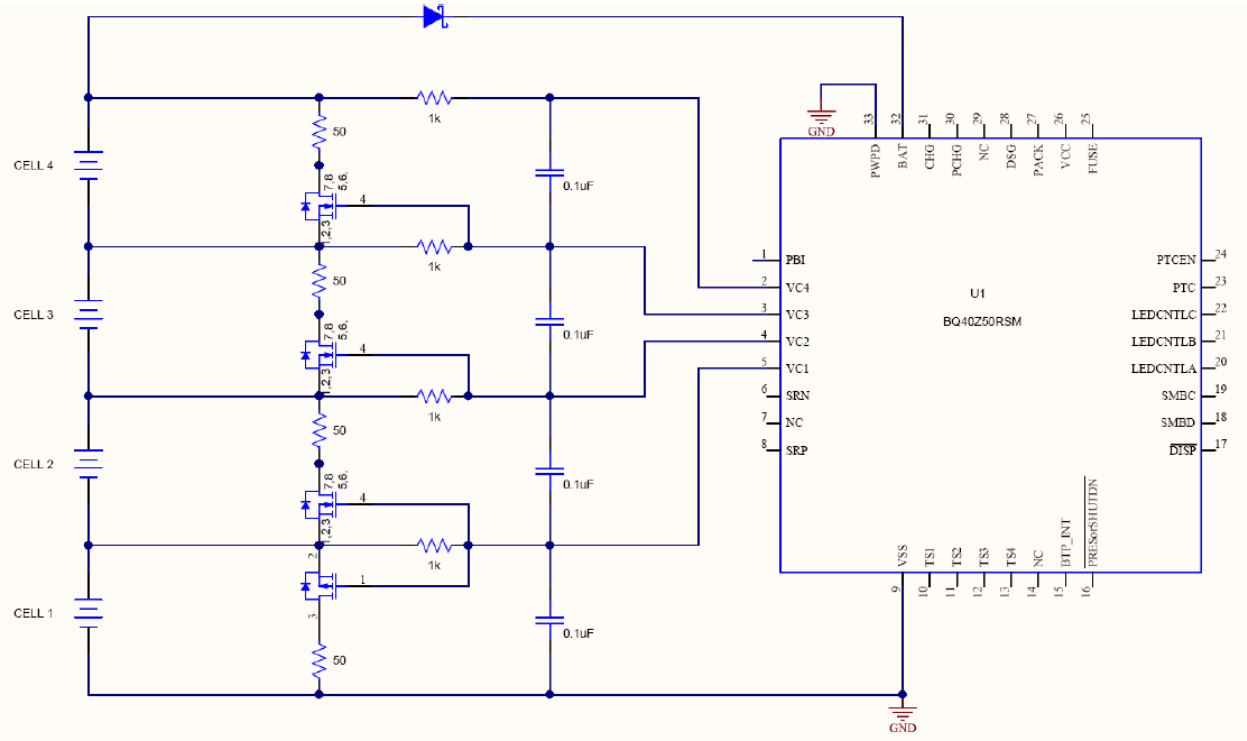
Bq40z50, bq40z60

Internal Cell Balancing

$$Balance\ TIme\ per\ mah\ cell\ 1 = \frac{3600mAs * (RVCx + Rcb)}{Vcell * Duty * 1000}$$

$$Balance\ TIme\ per\ mah\ cell\ 2-4 = \frac{3600mAs * (2 * RVCx + Rcb)}{Vcell * Duty * 1000}$$

External Cell Balancing

$$Balance\ TIme\ per\ mah\ cell\ 1 = \frac{3600mAs * (RVCx + Rcb)||Rext}{Vcell * Duty * 1000}$$

$$Balance\ TIme\ per\ mah\ cell\ 2-4 = \frac{3600mAs * (2 * RVCx + Rcb)||Rext}{Vcell * Duty * 1000}$$