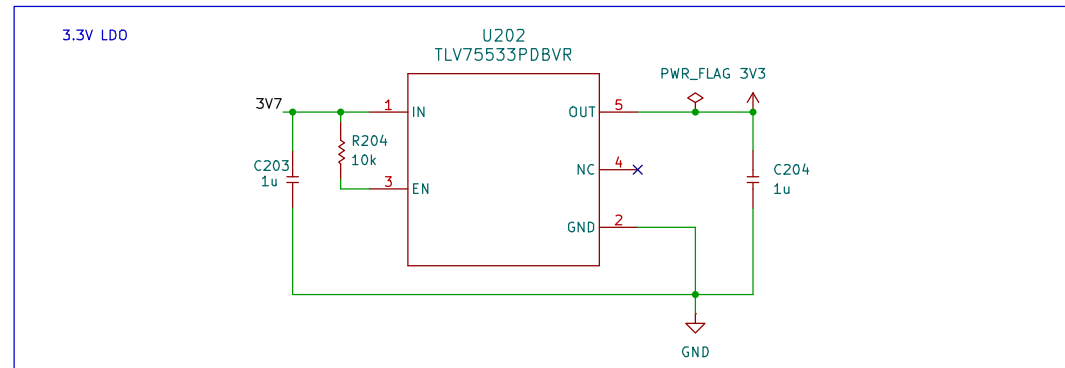
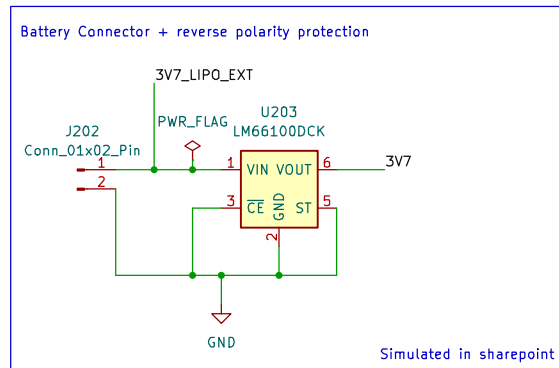


$$RISET = [300 \text{ A}\Omega / 0.32 \text{ A}] = 937.5 \text{ }\Omega \rightarrow 953 \text{ }\Omega$$

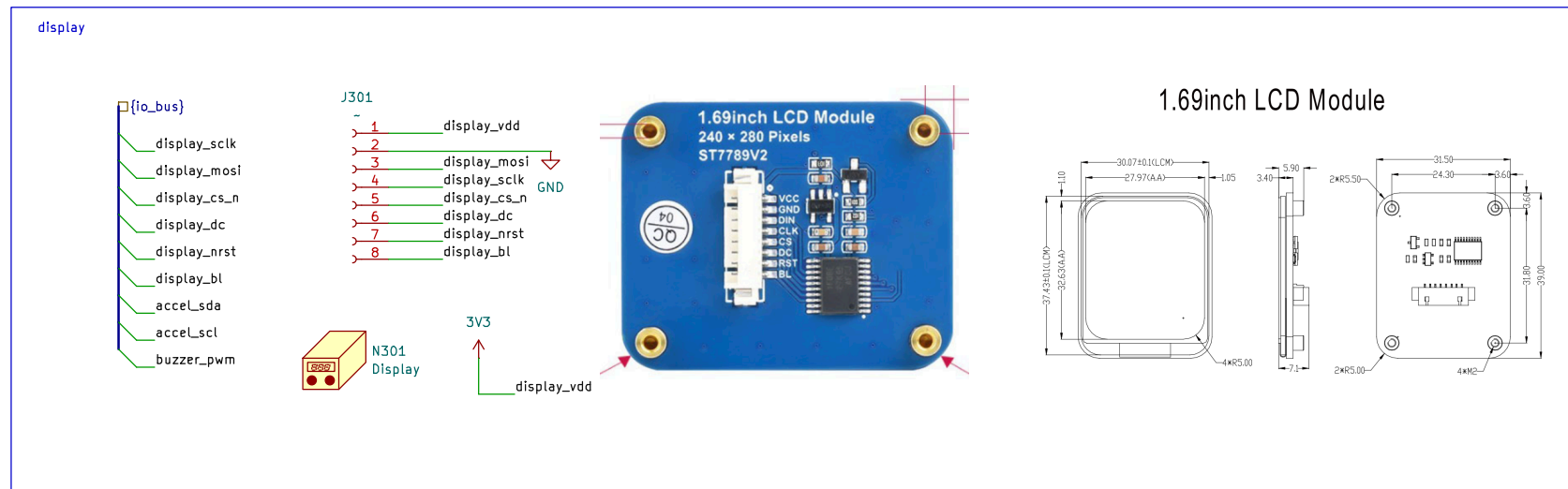
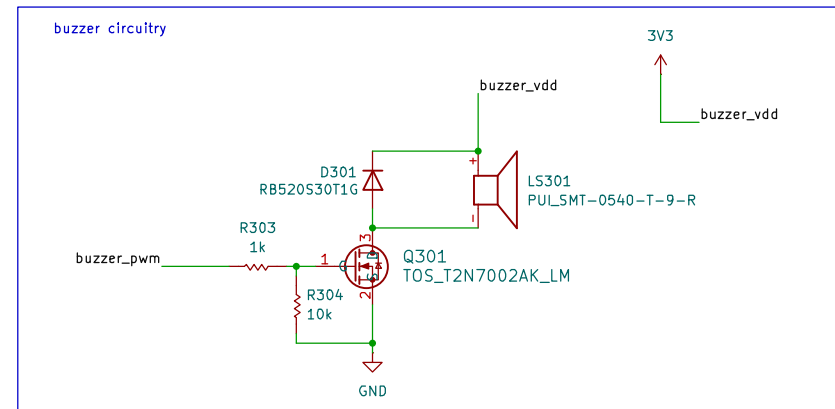
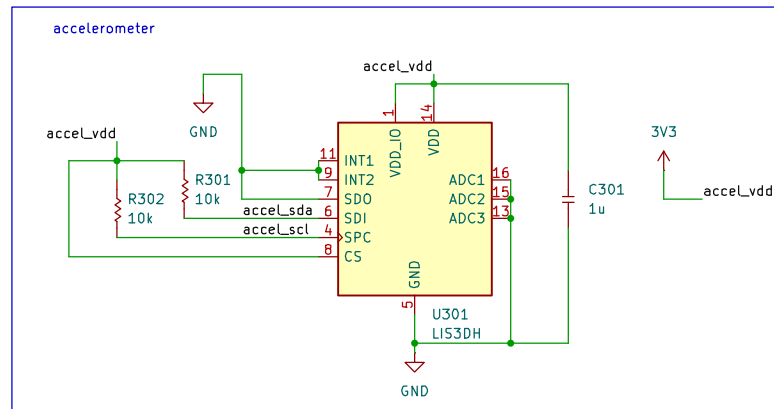


### 7.3.1.2 VSET Pin Detection

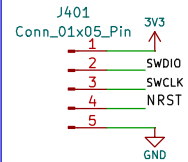
VSET pin is used to program the device regulation voltage at end-of-charge using a  $\pm 1\%$  pulldown resistor. The available pulldown resistor and corresponding charging levels are:

Table 7-1. VSET Pin Resistor Value Table

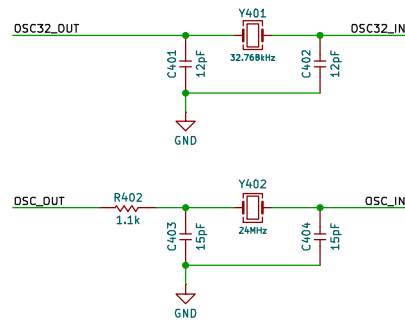
RESISTOR	CHARGE VOLTAGE (V)
> 150 k $\Omega$	No Charge (open-circuit)
100k $\Omega$	1-cell LiFePO $_4$ : 3.50 V
82.5k $\Omega$	1-cell LiFePO $_4$ : 3.60 V
61.9k $\Omega$	1-cell LiFePO $_4$ : 3.70 V
47.5k $\Omega$	1-cell LiIon: 4.05 V
35.7k $\Omega$	1-cell LiIon: 4.15 V
27.4k $\Omega$	1-cell LiIon: 4.20 V
24.3k $\Omega$	1-cell LiIon: 4.35 V
18.2k $\Omega$	1-cell LiIon: 4.40 V
< 3.0 k $\Omega$	No Charge (short-circuit)



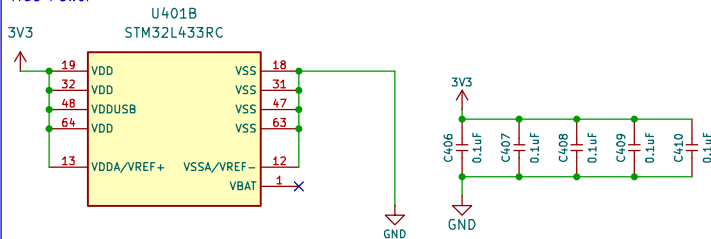
### Debugging Circuitry



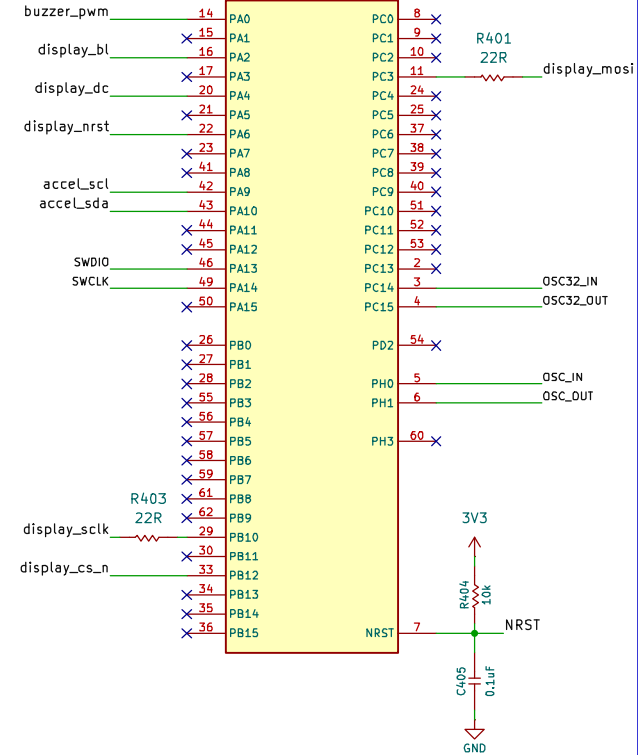
### Oscillators



### MCU Power



### MCU chip



```
{io_bus}
  display_sclk
  display_mosi
  display_cs_n
  display_dc
  display_nrst
  display_bl
  acceL_sda
  acceL_scl
  buzzer_pwm
```