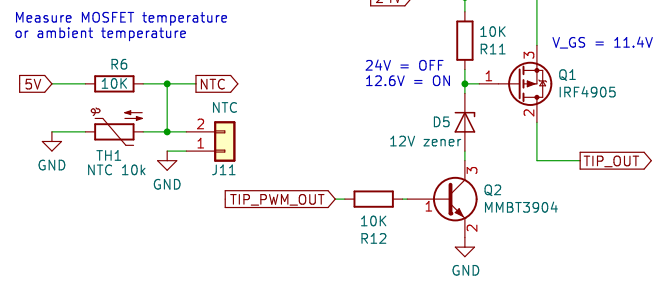
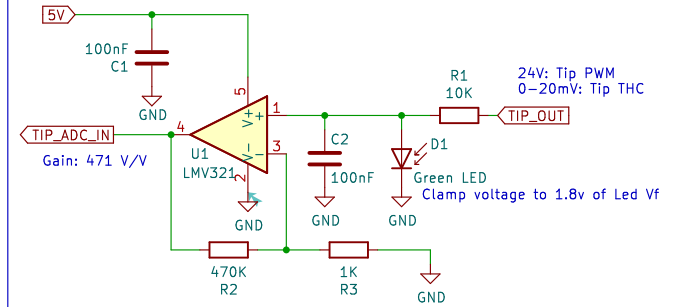


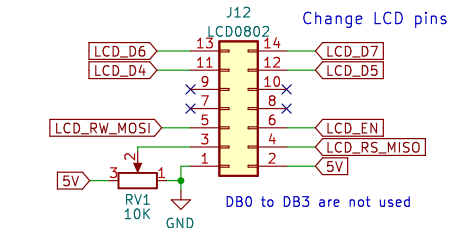
POWER SUPPLY



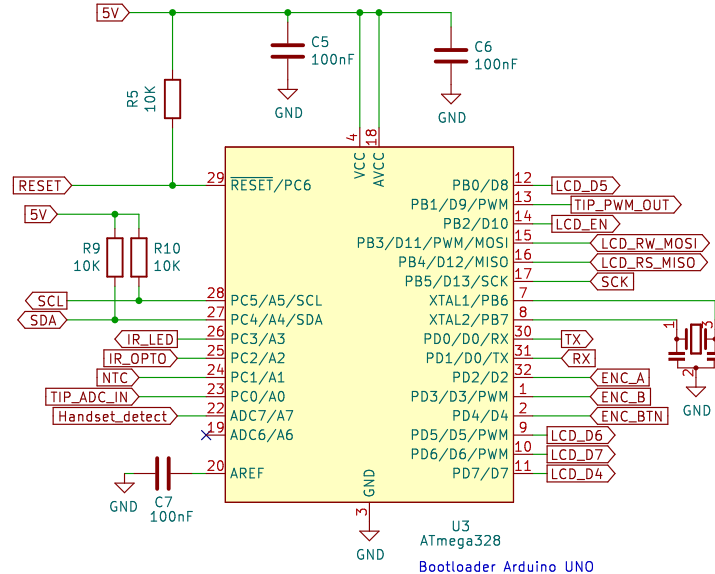
T12 TIP PWM OUTPUT



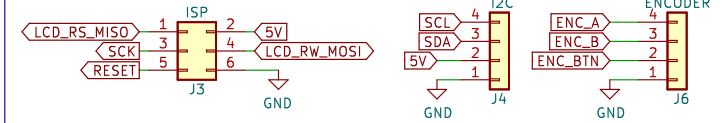
Thermocouple amplifier



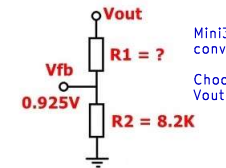
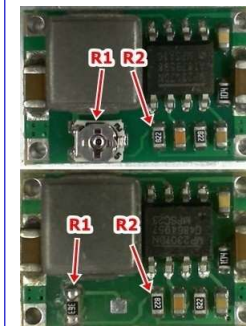
LCD0802



MAIN MCU



DATA PORTS

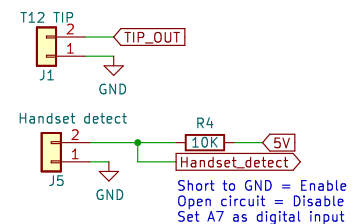


Mini360 has MP3207DN buck converter, which $V_{fb} = 0.925$
Choose $R1 = 56K$ or $62K$
 $V_{out} = 7.2V$ or $7.9V$

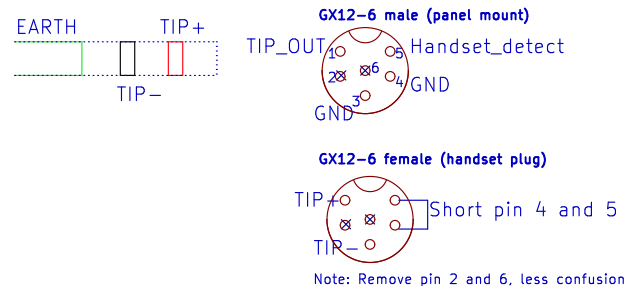
$$V_{fb} = V_{out} \cdot \frac{R2}{R1 + R2}$$

$$V_{out} = V_{fb} \cdot \frac{(R1 + R2)}{R2}$$

SET VOLTAGE FOR MINI360



To T12 tip



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Sheet: /
File: SolderStation.kicad_sch

Title: T12 Solder Station r0.5

Size: A4 Date: 2023-10-08
KiCad E.D.A. kicad 7.0.8

Rev: 0.5
Id: 1/1