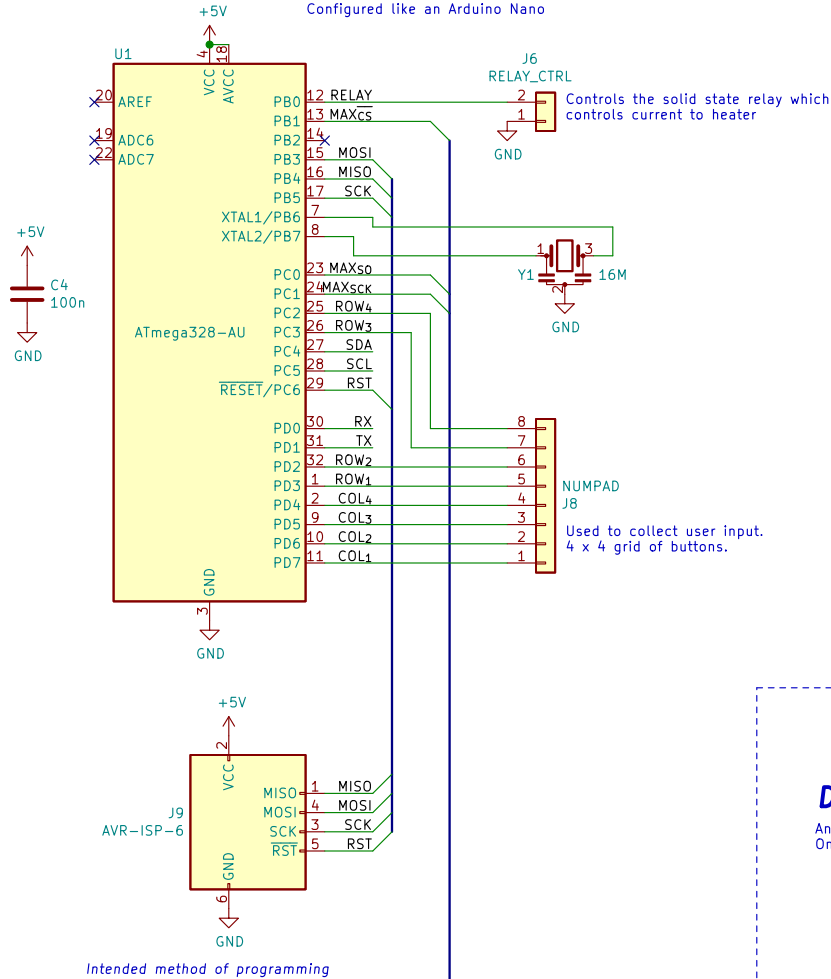
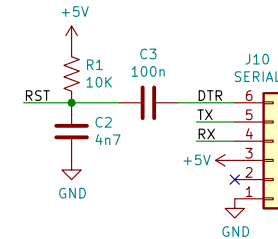


Configured like an Arduino Nano



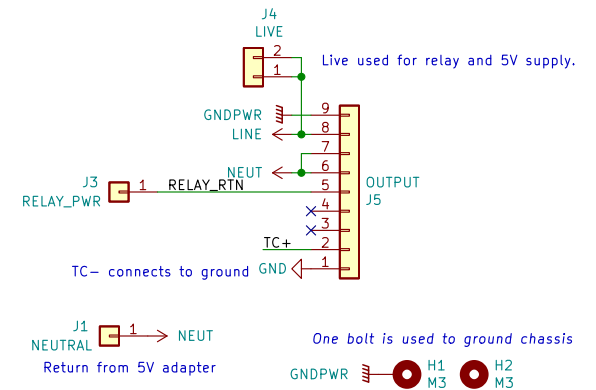
Serial Programming Header



Added to allow potentially "Arduino"-like programming experience

120V Zone

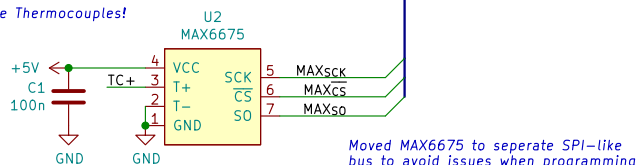
Terminal block where all connections are made.
All are at 120VAC, except for the thermocouple terminals.



Thermocouple IC

Used to read in temperature of oven

K-Type Thermocouples!



Moved MAX6675 to seperate SPI-like bus to avoid issues when programming like with V1

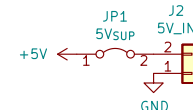
Display Connection

An LCD character display with 20 columns and 4 rows.
Only user output interface for the system.



5V Input

- Connects to the output of a USB charger.
- Can be disconnected and reconnected as needed.



General purpose oven board
Intended to control a heater to achieve a two step curing process

Uses a K-Type thermocouple

Title: Oven

HPVDT	Date: 2022-03-16	Rev: 2
KiCad E.D.A. kicad 6.0.1-79c1e3a40b-116-ubuntu21.04.1	Size: USLetter	Sheet: 1/1