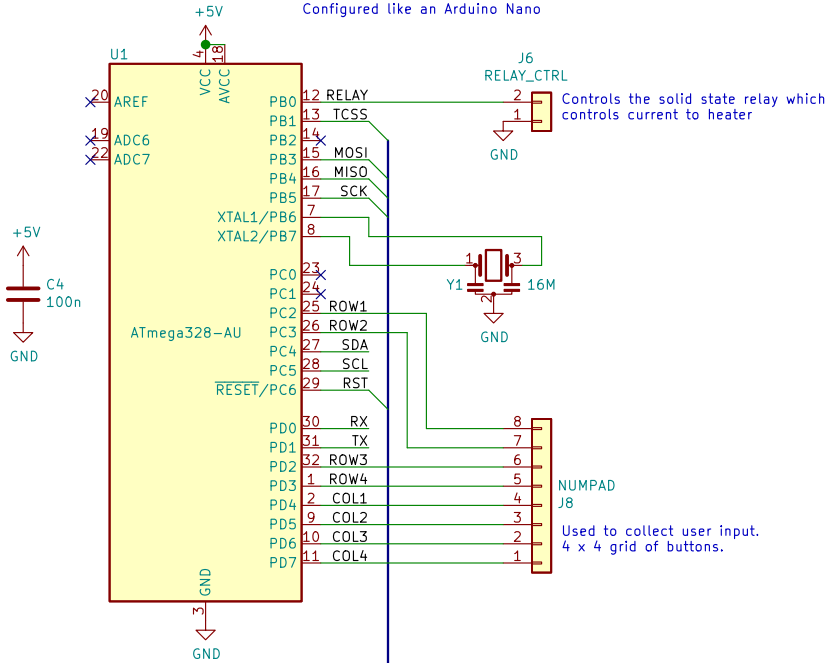
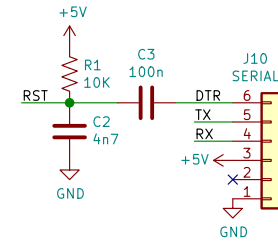


## Microcontroller

Configured like an Arduino Nano

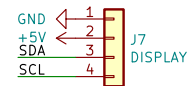


## Serial Programming Header



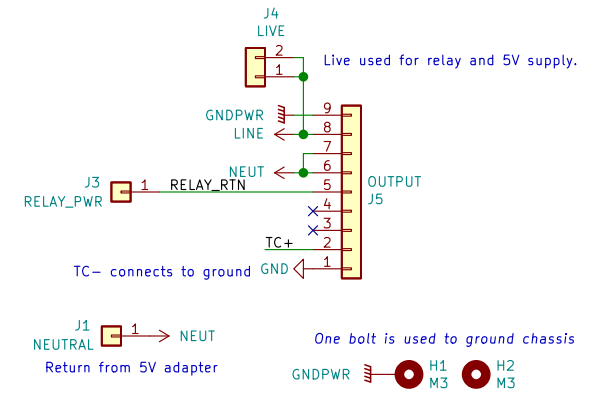
## Display Connection

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



## 120V Zone

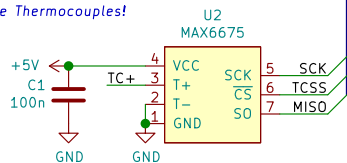
Terminal block where all connections are made. All are at 120VAC, except for the thermocouple terminals.



## Thermocouple IC

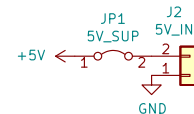
Used to read in temperature of oven

K-Type Thermocouples!



## 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: 2021-06-01	Rev: 3
	Size: USLetter	Sheet: 1/1