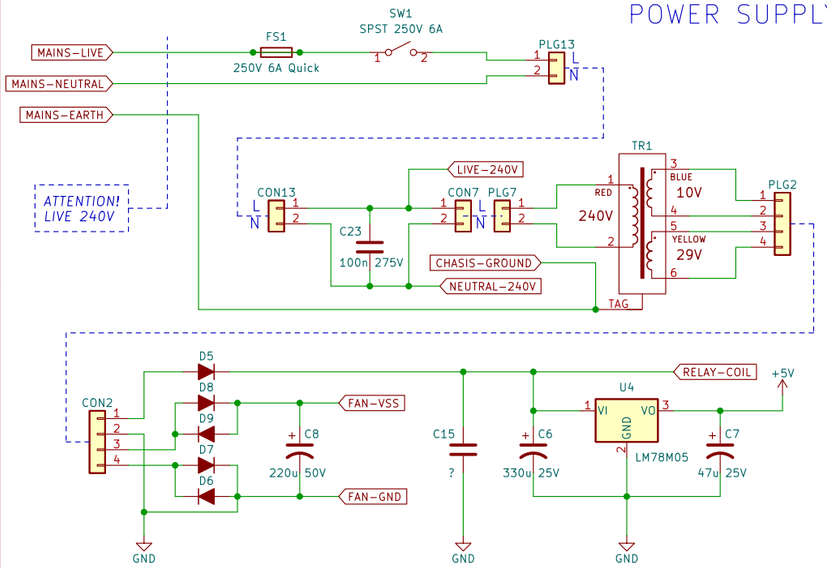
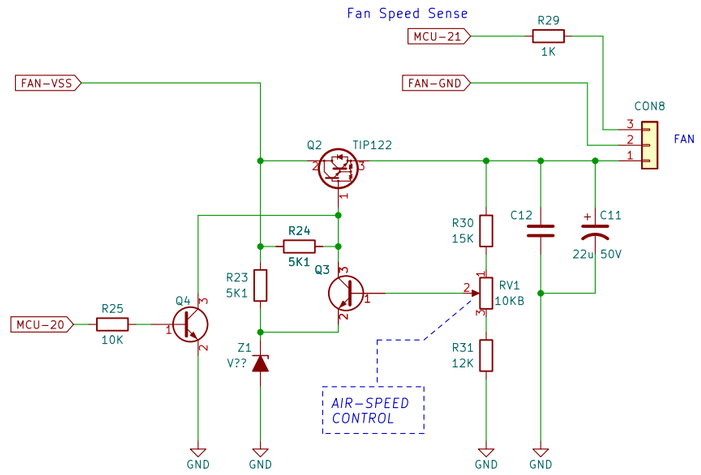
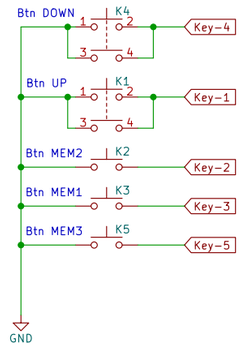
POWER SUPPLY



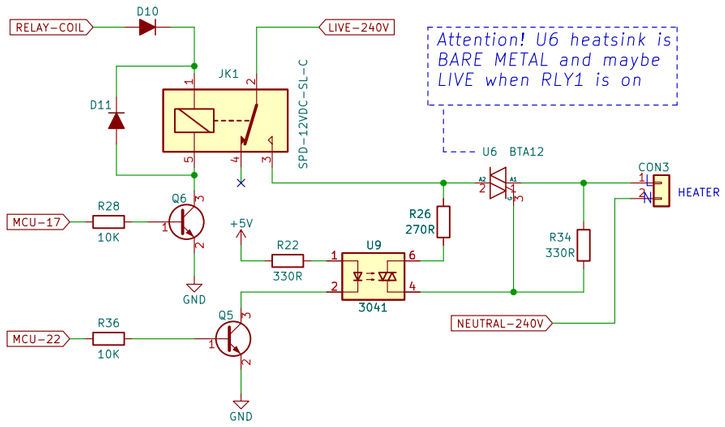
FAN CONTROL



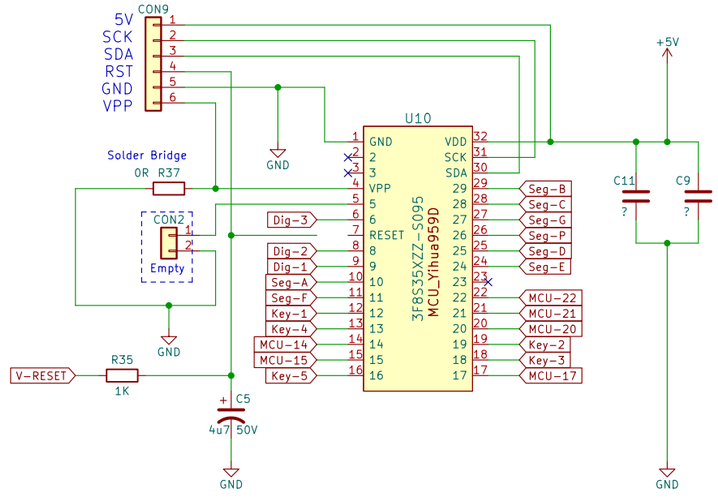
BUTTONS



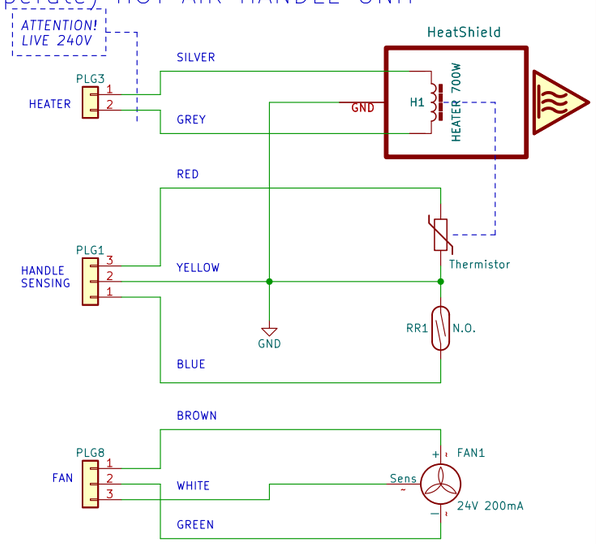
HEATER CONTROL



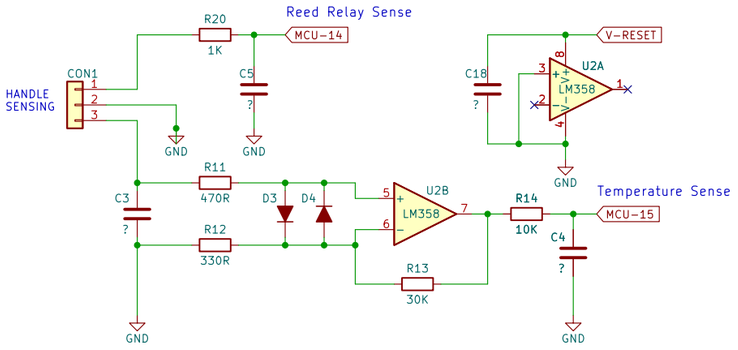
MICROCONTROLLER



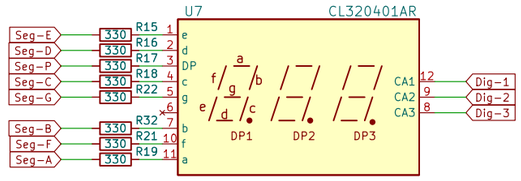
(seperate) HOT AIR HANDLE UNIT



TEMPERATURE AND HANDLE STATE SENSING



LED DISPLAY



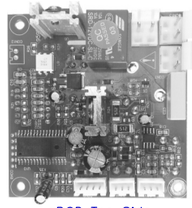
PROVISIONAL

ATTENTION! THIS DEVICE CONTAINS MANY PARTS AT MAINS VOLTAGE WITH LITTLE OR NO IDENTIFICATION ON THE PCB. THIS INCLUDES UNSHIELDED AREAS OF THE PCB AND POSSIBLY THE METAL HEATSINKS.

PHOTOS

Front Controls

PCB Lower Side



PCB Top Side

Schematic of the control PCB of a YIHUA-959D 700W Hot Air Rework Station
Reverse engineered from a donor device identified as 959D-V4
THIS IS NOT AN OFFICIAL SCHEMATIC - FOR CONCEPTUAL USE ONLY
Measured component values are in-situ and should not be relied upon
(CC) Creative Commons : CC-BY-NC-SA

Sheet: /
File: Original_Yihua959D_V4.sch.kicad_sch

Title: YIHUA-959D 700W Hot Air Rework Station (2019 Black Edition)

Size: A3	Date: Late 2021	**Rev: 0.1**
KiCad E.D.A. eeschema (6.0.7-1)-1		Id: 1/1