PyKiln Component Diagram

220V AC (or 110V AC)

5V DC

Non Invasive Current Sensor

Analog Signal

Supply Contactor 220VAC 63A

Supply Mechanical Relay Module 220VAC

Magnet

Kiln Door Reed Switch NC

ESP32 + PyKiln Control Board

MAX31856 Temp Sensor

MAX31856 Temp Sensor

Built in MAX31856 Temp Sensor

Zone 1 SSR 220VAC 80A

Zone 2 SSR 220VAC 80A

Zone3 SSR 220VAC 80A

HDMI Breakout PCB

HDMI Cable

K Type Thermocouple

K Type Thermocouple

K Type Thermocouple