



Mains Power Switch

Main Power Supply

Fuse Box

Heated Bed Transformer

Cooling Fan

Arduino Mega2560 Processor

Heater Extude/Bed PCB

Cooling Fan PCB (Manual-Proc)

Heater Cutout PCB

Heated Bed Solid state Relay

Z Drive Interface PCB

Cooling Fan

Extruder

Heater

Temp sensor

Front Panel reset switch

Spare (Extruder paste)

X axis Stepper Motor

Y axis Stepper Motor

Extruder Stepping Motor

Z1 axis Stepping Motor

Z2 axis Stepping Motor

LED Sensor

LED Sensor

LED Sensor

LED Sensor

USB Connection

Possible future connection to processor

Circuit designed for Z sensors to output 0v when blocked

Panel LED Extruder/Bed Heater

ON/OFF RESET