Module	CPU Scanner
Input	**CPU: Any LGA CPU**
Output	**CPU Condition: The Physical condition of the CPU**
Functionality	**Scan a CPU to determine the physical condition**

power

power

LPGA CPU

Camera box

Laptop

Lights control

Tray movement input

Camera config file

Jpg image

Tray position

Limit switches

Interlock switches

Power

arduino

USB hub

stepper

PSU 12VDC

lights

lights

Steppers

ardiuno

Tw limit switch

Camera limit switch

interlocks

camera1

USB hub

laptop

camera2

120VAC

PSU

12VDC

Stepper motors

12VDC

5 VDC regulator

5VDC

control

microcontroller

control

lights

control

camera2

camera1

Control/data

USB hub

data out

control