Arduino Electronic Load Feature Block Diagram

Circuit Board

Key

External Power — (red dashed arrow)

Power — (red dashed arrow)

Wired Signal — (blue arrow)

Heat Signal — (orange arrow)

Air Signal — (green arrow)

DUT

Voltage Sensor

Overload Protection

LED

Current Sink Driver

Current Sink

Current Sensor

Arduino

Computer

Heatsink

Fan

Temperature Sensor

Fan Driver

Version 03