Each part has pads that are shaped to help with assembly. All buses and power connections make a pill when soldered together (shown above). Other parts, make different versions of the pill (shown right) depending on the functionality of each lead.
**User Interface**

- Backlit
User Interface

• Pressure

Button Area

3.3-5V
Resist to ground/Analog Read Pin

Analog Read
3.3-5V
Resistor to GND/Analog Read pin

Button Area 1

Button Area 2

Button Area 3

Button Area 4
Heater

Heating Area

3.7V-5V  GND
Pressure Sensor

• Simple

Sensing Area

3.3-5V
Resist to ground/
Analog Read Pin
Pressure Sensor

- Matrix