

Thermocouple



IO Pin

PB15
Gnd

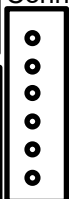


Data2
5V
Gnd
Clk
Data1



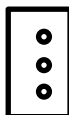
Scales

Serial / HW
Connection



Boot
Reset
Gnd
TX
RX
3v3

Pressure
Transducer



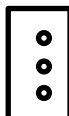
5V
Gnd
IN

I2C
Connection



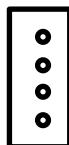
Clk
Data
3v3
Gnd

SSR Control
Center: Boiler
Bottom: Unused



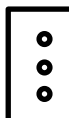
Gnd
R1
R2

Touch Screen



5V
RX
TX
Gnd

Switches
Center: Steam
Bottom: Brew



Gnd
S
B

3



Solenoid (3 Way Valve)

P



Pump

L



AC Line

N



AC Neutral