

TMP61
(Room 1)

Vcc Signal GND

TMP61
(Room 2)

Vcc Signal GND

32U4

PC6/Heat Stage 1 GPIO
PC7/Heat Stage 2 GPIO

PB5/OC1A/Damper 1 PWM
PB6/OC1B/Damper 2 PWM

PF0/ADC0/Room 1 TMP61
PF1/ADC1/Room 2 TMP61

GND (0V)
Vcc (3.3V)

(0V) GND
(3.3V) Vcc

PWM Damper Motors
(Room 2)

GND PWM_{IN} Vcc

PWM Damper Motors
(Room 1)

GND PWM_{IN} Vcc