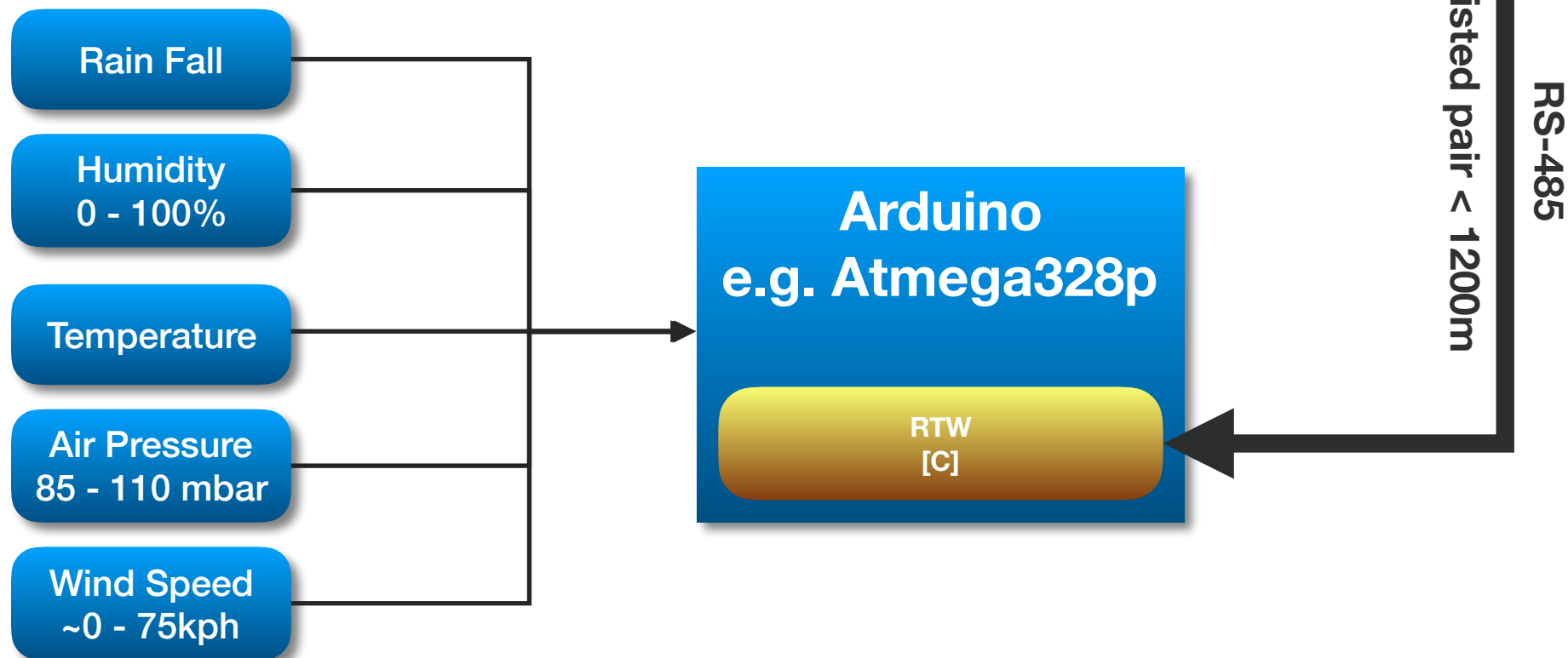
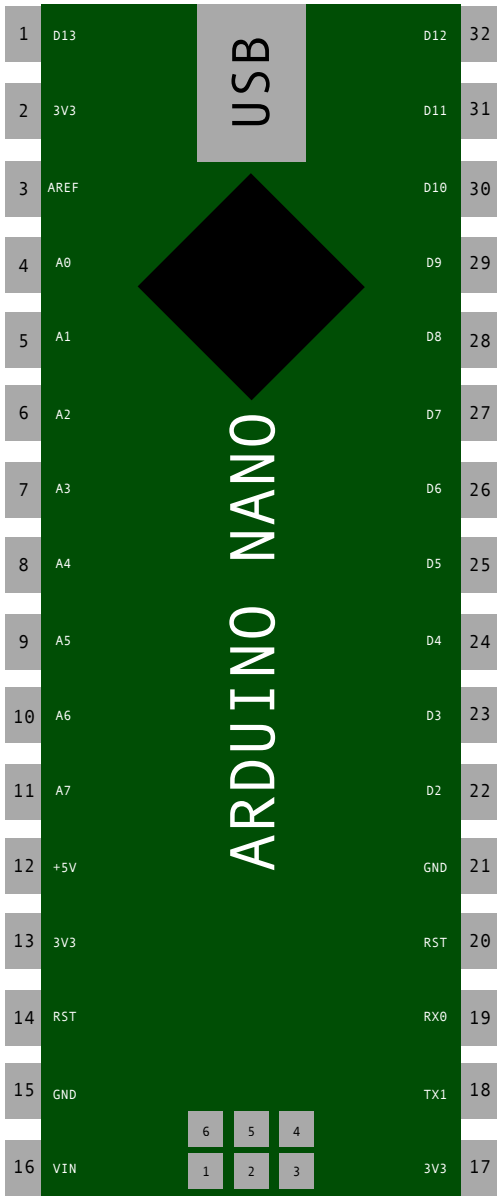
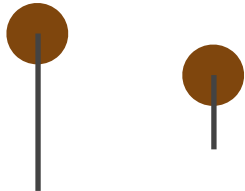
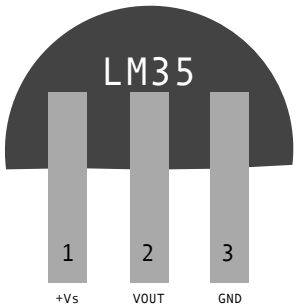
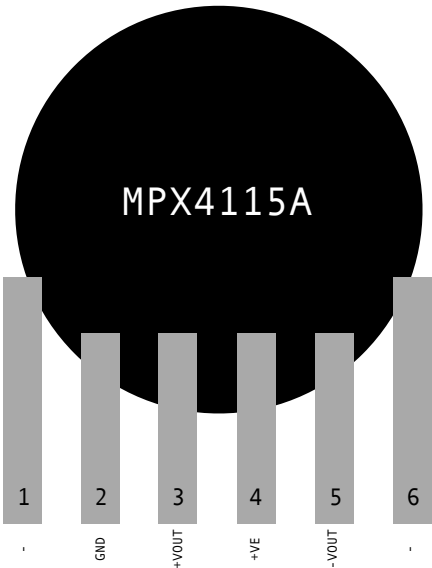
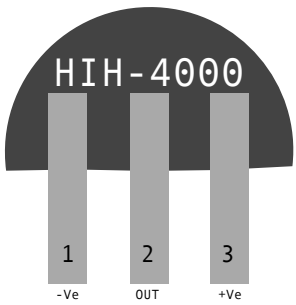
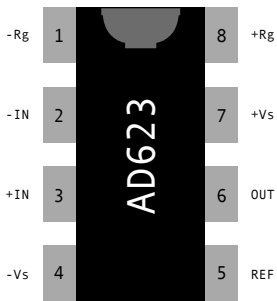
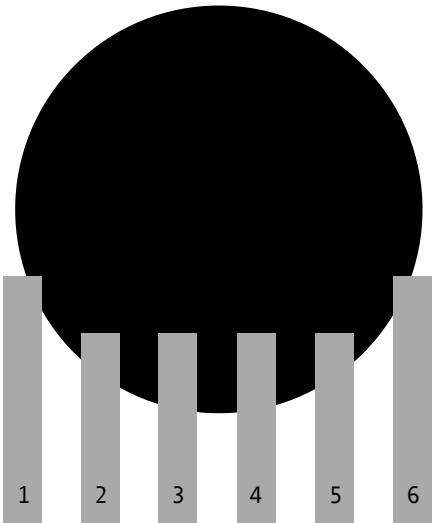
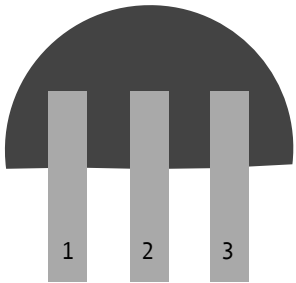
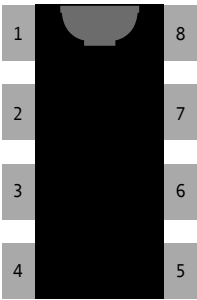
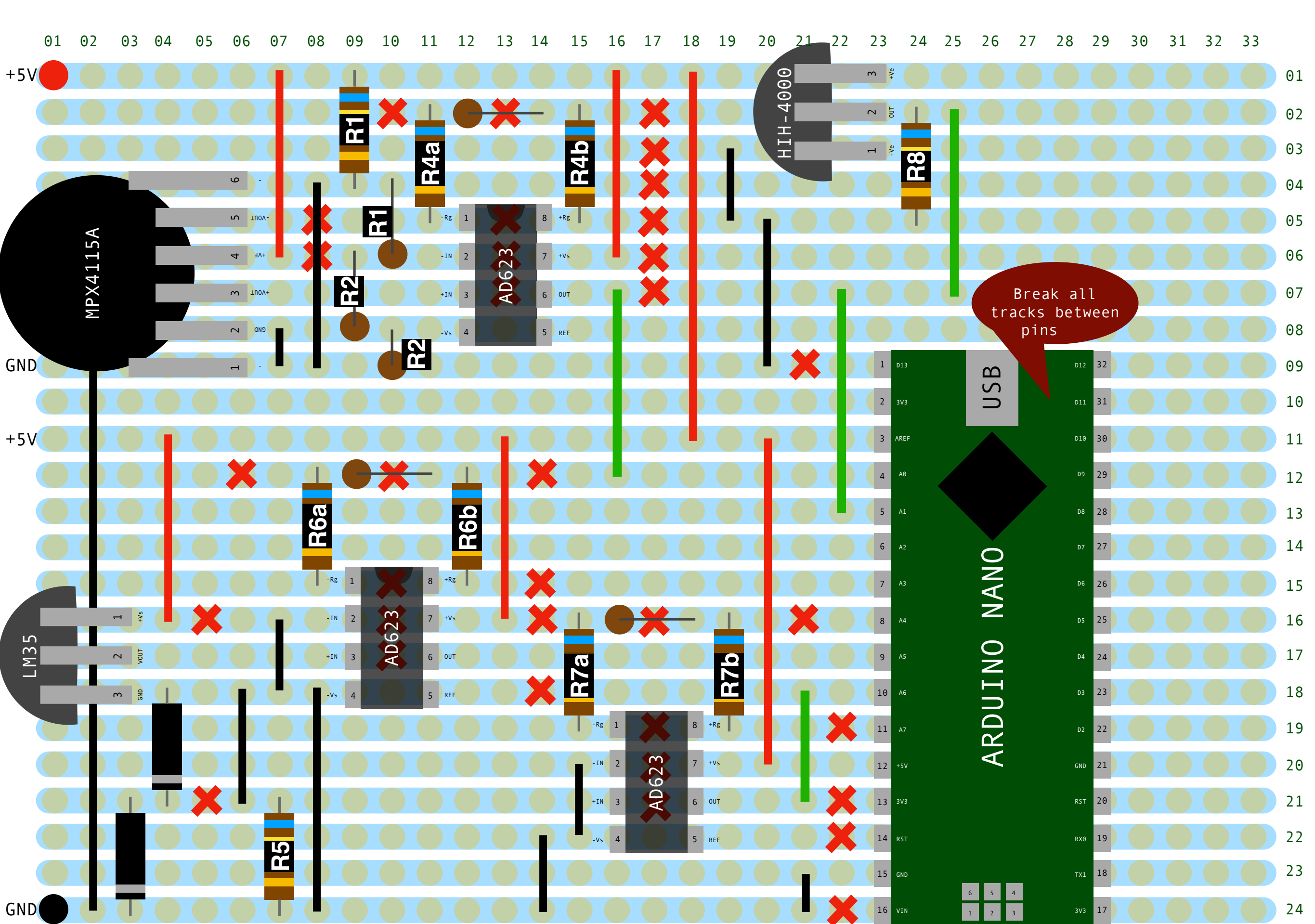


ArduinoPi Weather Station

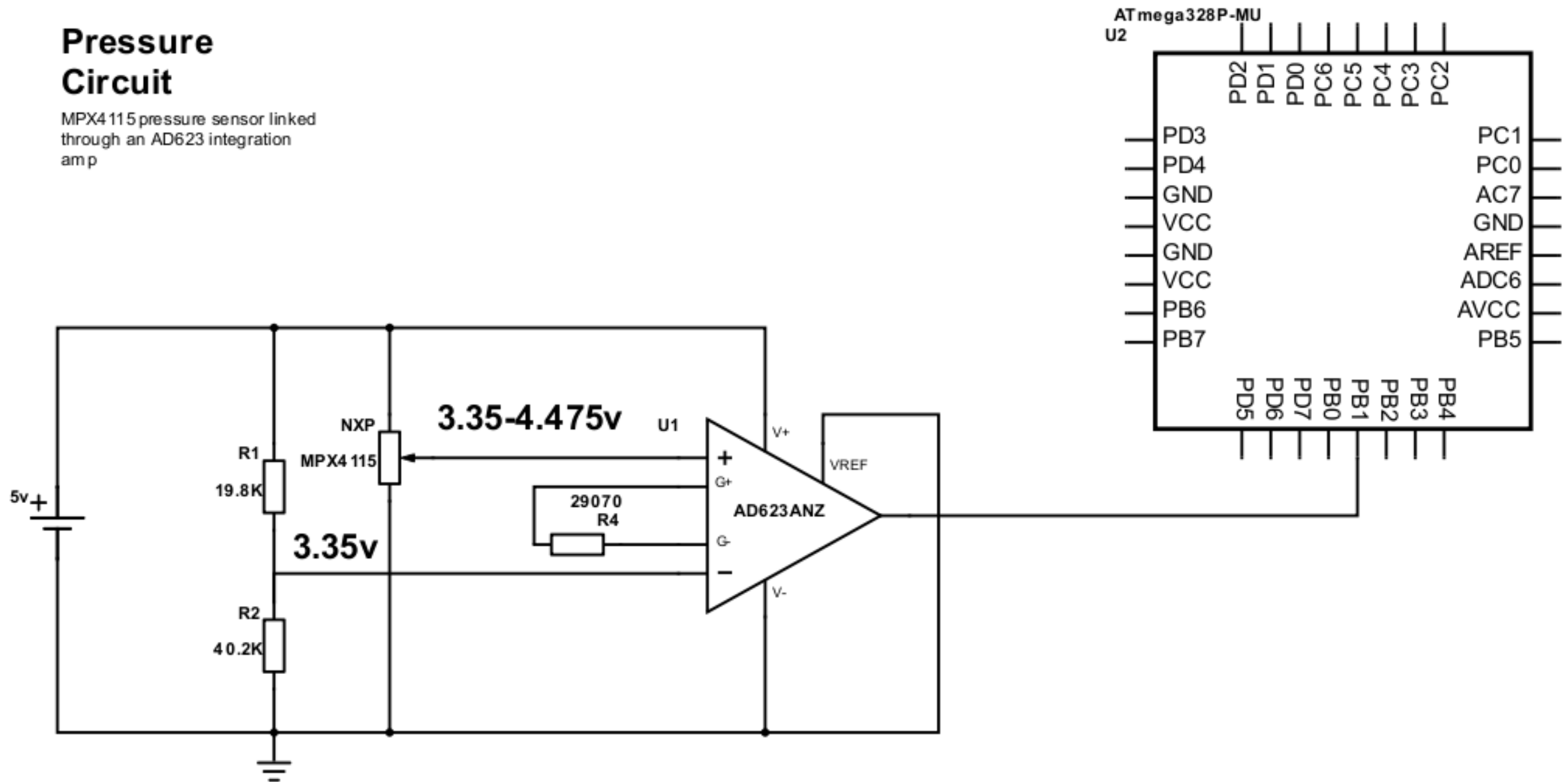






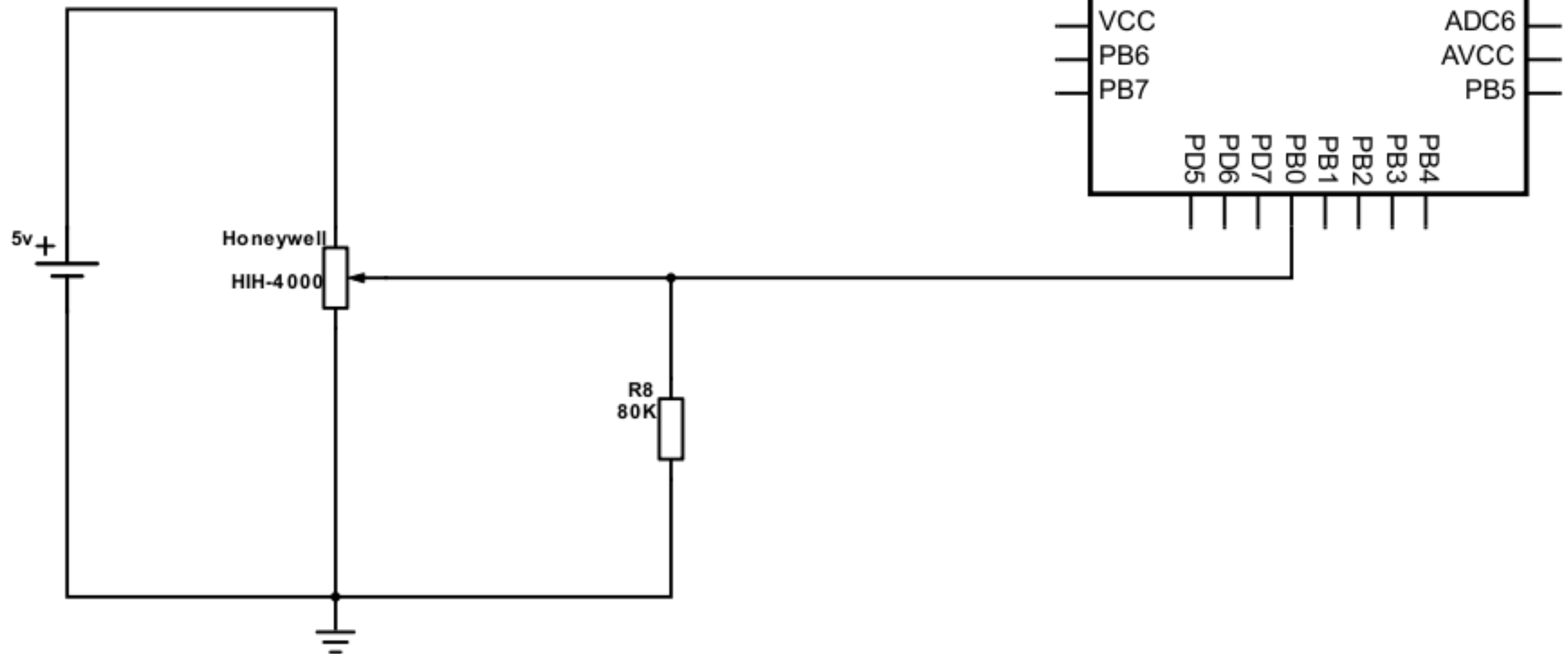
Pressure Circuit

MPX4115 pressure sensor linked through an AD623 integration amp



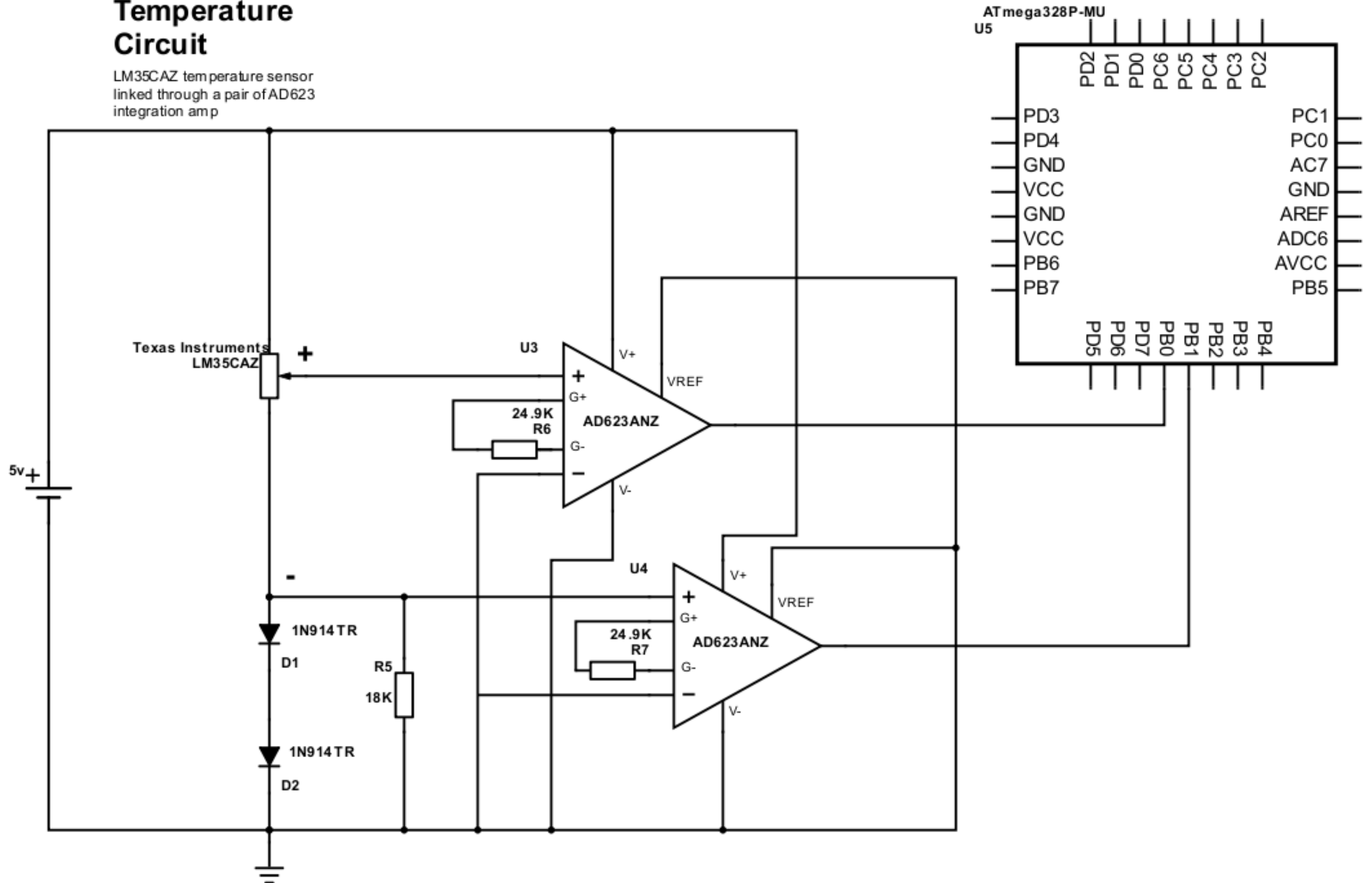
HIH-4000 humidity sensor

HIH-4000 humidity sensor



Temperature Circuit

LM35CAZ temperature sensor
linked through a pair of AD623
integration amp



Resistor Values

- R1 (19.8K Ω) 18K Ω + 1.8K Ω
- R2 (40.2K Ω) 39K Ω + 1.2K Ω
- R4 (29070 Ω) 28K Ω + 1.8K Ω + 270 Ω
- R5 (18K Ω) 18K Ω
- R6 (24.9K Ω) 18K Ω + 2.2K Ω + 4.7K Ω
- R7 (24.9K Ω) 18K Ω + 2.2K Ω + 4.7K Ω
- R8 (80K Ω) 82K Ω

