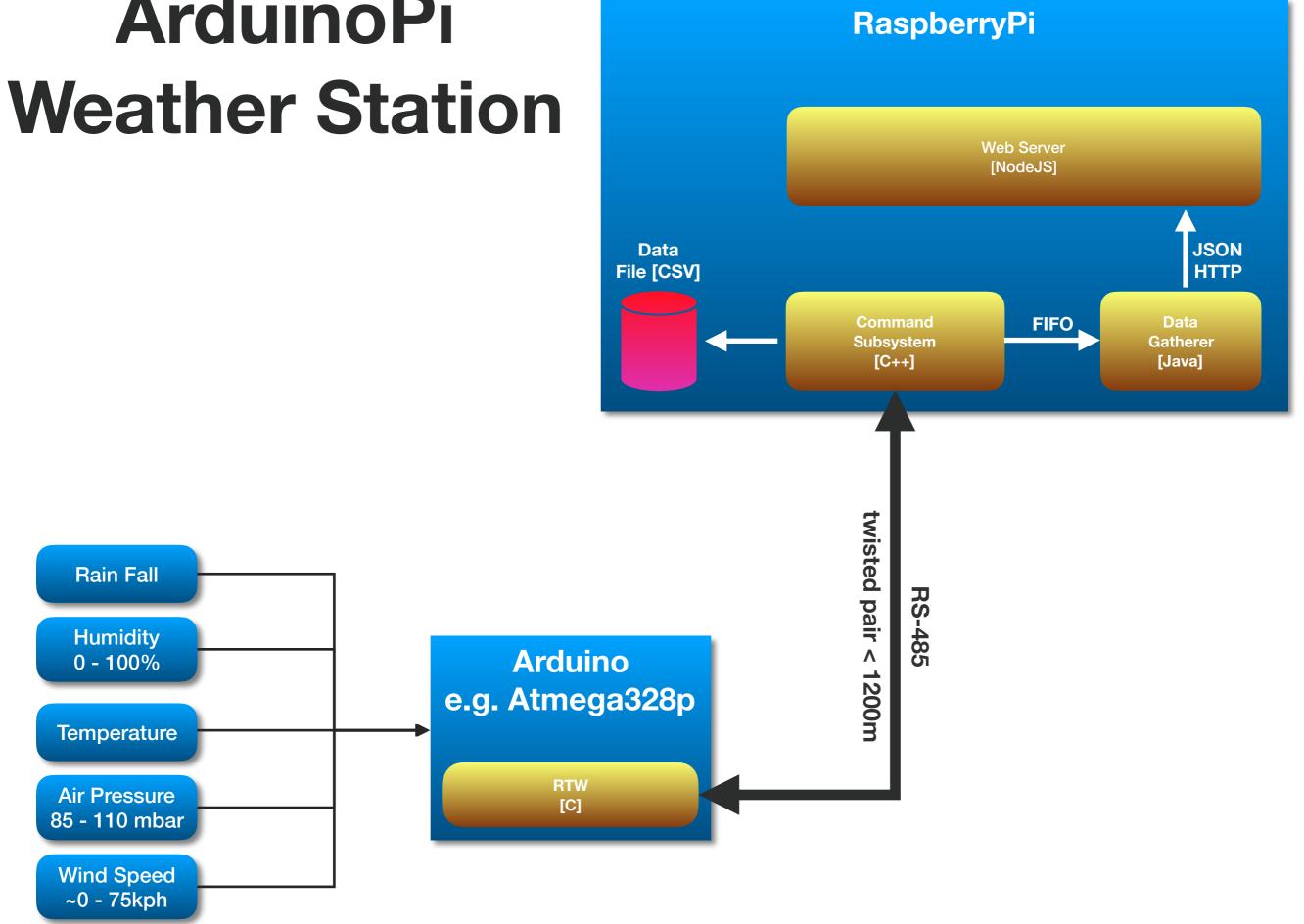
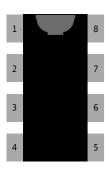
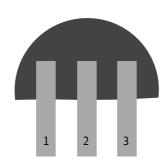
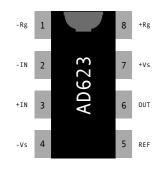
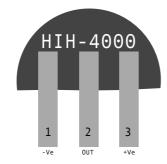
ArduinoPi





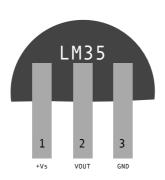


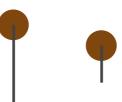


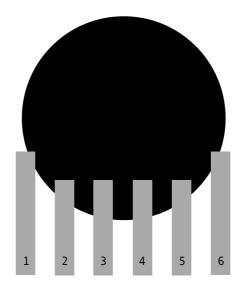


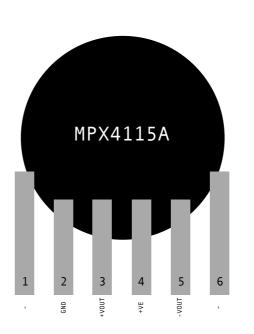




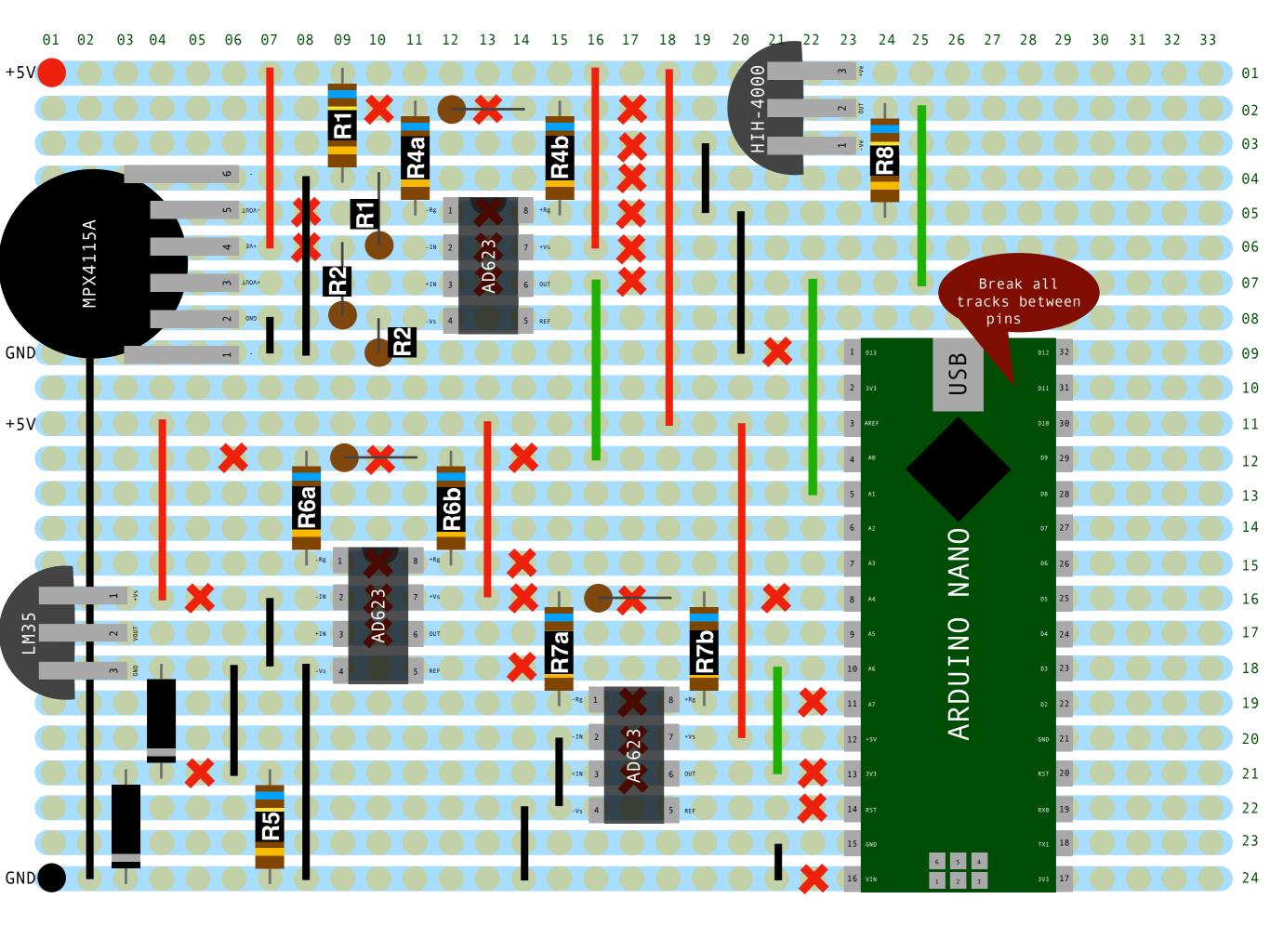






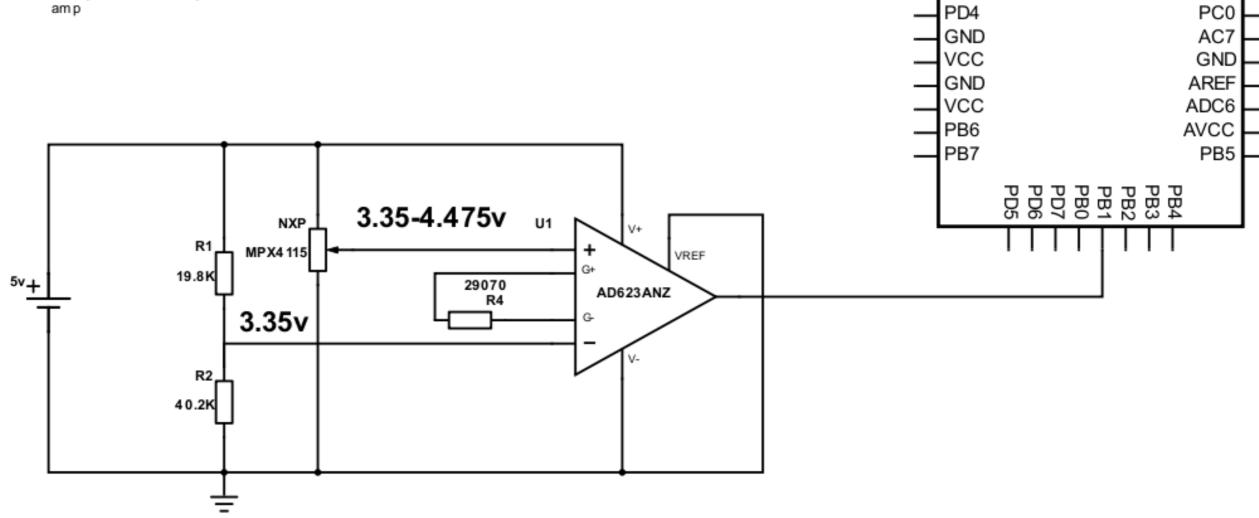


1	D13	В	D12	32
2	3V3	USB	D11	31
3	AREF		D10	30
4	A0		D9	29
5	A1		D8	28
6	A2	0	D7	27
7	A3	NANO	D6	26
8	A4	Z	D5	25
9	A5	N0	D4	24
.0	A6	DNING	D3	23
.1	A7	RD	D2	22
.2	+5V	A	GND	21
.3	3V3		RST	20
.4	RST		RXO	19
.5	GND	6 5 4	TX1	18
.6	VIN	1 2 3	3V3	17



Pressure Circuit

MPX4115 pressure sensor linked through an AD623 integration amp



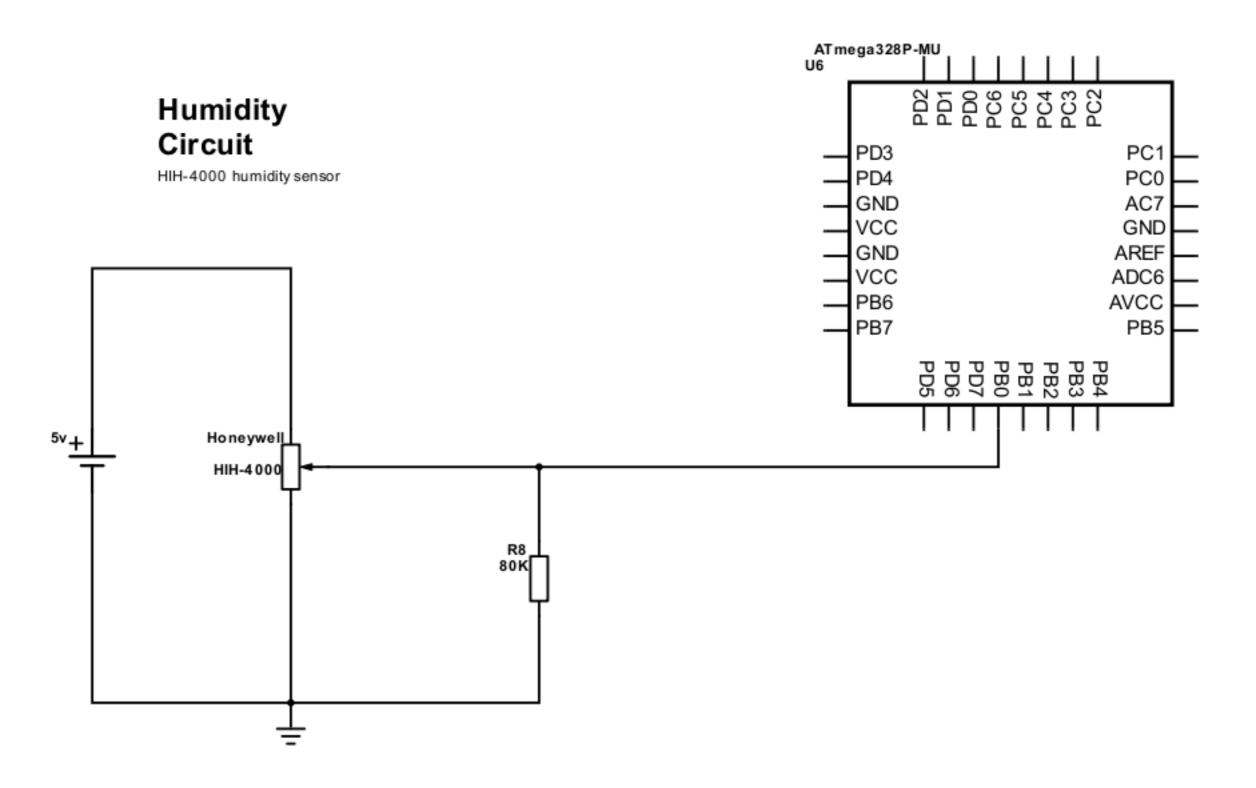
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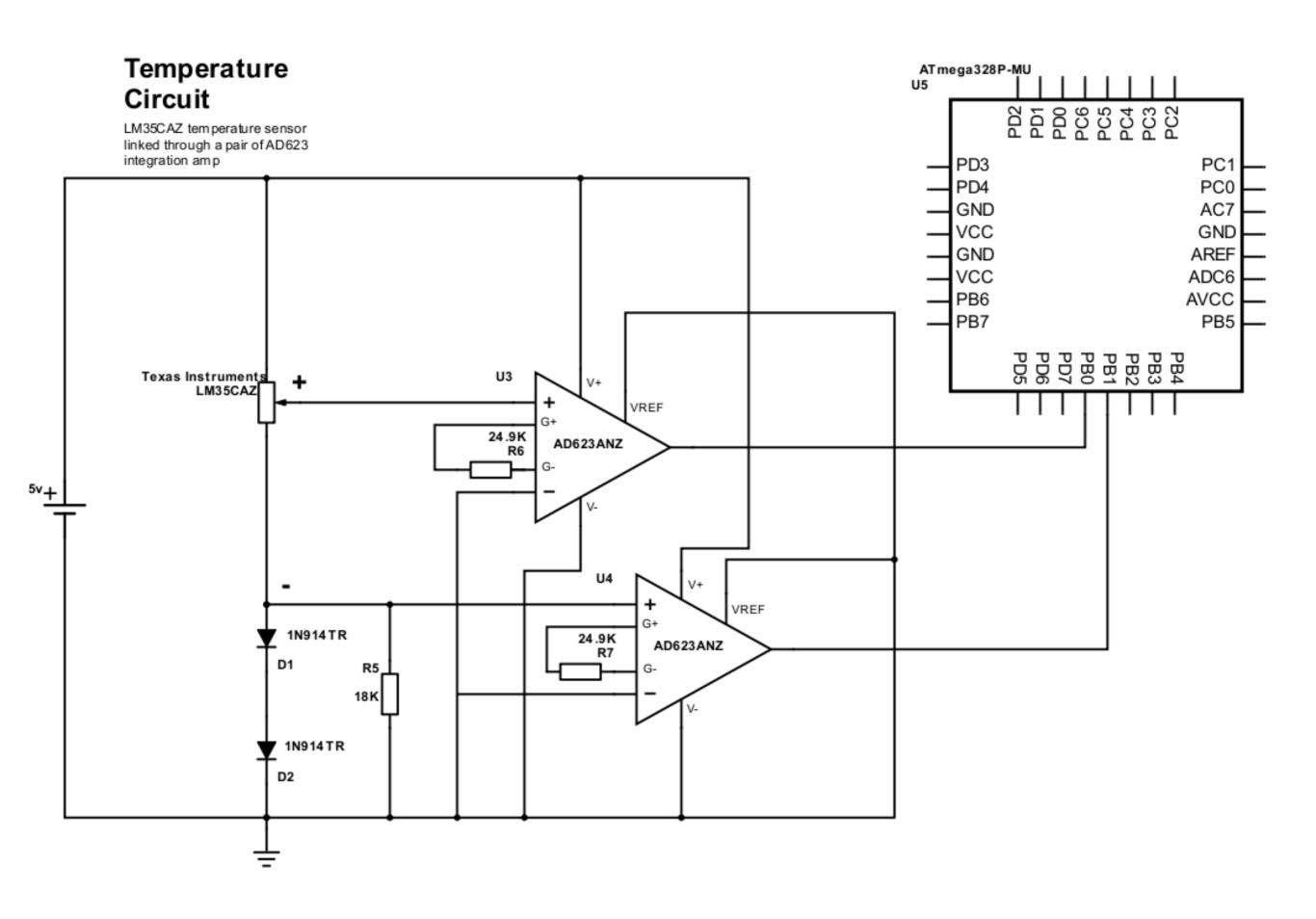
PD3

PD2 PD1 PC6 PC5 PC5 PC3 PC3

PC1

U2





Resistor Values

• R1 (19.8KΩ)

 $18K\Omega + 1.8K\Omega$

R2 (40.2KΩ)

 $39K\Omega + 1.2K\Omega$

• R4 (29070Ω)

 $28K\Omega + 1.8K\Omega + 270\Omega$

• R5 (18KΩ)

18KΩ

R6 (24.9KΩ)

 $18K\Omega + 2.2K\Omega + 4.7K\Omega$

• R7 (24.9KΩ)

 $18K\Omega + 2.2K\Omega + 4.7K\Omega$

• R8 (80KΩ)

82ΚΩ

