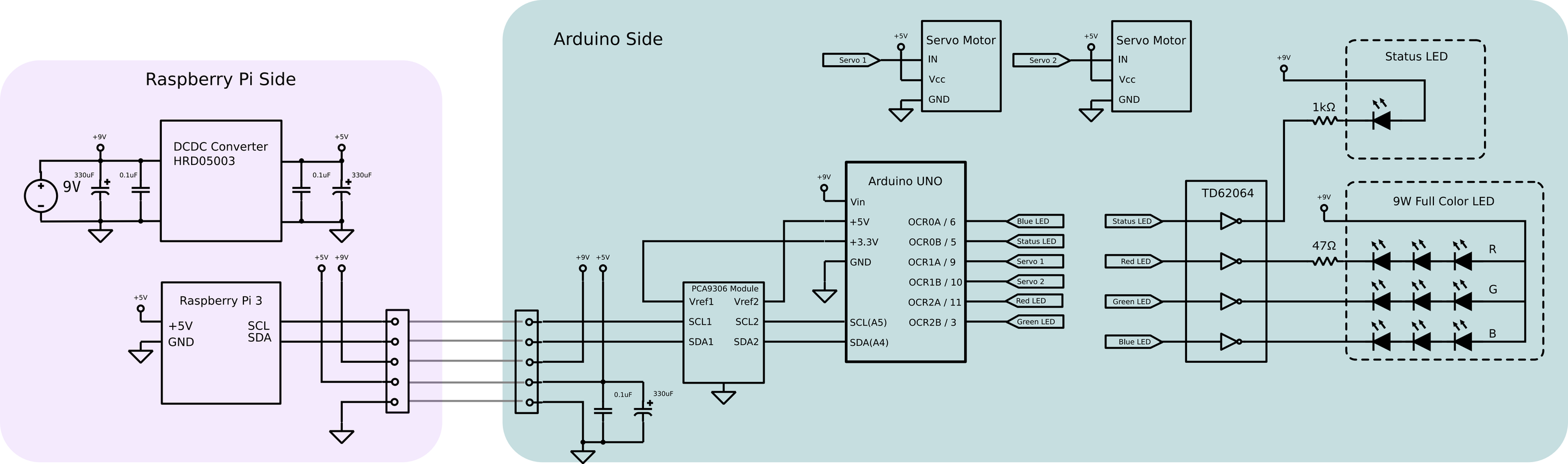
Raspberry Pi Side
+9V
9V
330uF
0.1uF
DCDC Converter
HRD05003
+5V
0.1uF
330uF
+5V
+9V
+5V
Raspberry Pi 3
+5V
GND
SCL
SDA
Arduino Side
+9V
+5V
0.1uF
330uF
PCA9306 Module
Vref1
Vref2
SCL1
SCL2
SDA1
SDA2
+9V
Arduino UNO
Vin
+5V
+3.3V
GND
SCL(A5)
SDA(A4)
OCR0A / 6
OCR0B / 5
OCR1A / 1
OCR1B / 10
OCR2A / 11
OCR2B / 3
Blue LED
Status LED
Servo 1
Servo 2
Red LED
Green LED
+5V
Servo 1
Servo Motor
IN
Vcc
GND
+5V
Servo 2
Servo Motor
IN
Vcc
GND
+9V
Status LED
1kΩ
Status LED
Red LED
Green LED
Blue LED
TD62064
+9V
9W Full Color LED
47Ω
R
G
B