Wiring diagram light sensors + 3,3 V (SDA) GPIO 2 Top Sensor (SCL) GPIO 3 (GPCLK0) GPIO 4 GPIO 14 (TXD) GND + **GPIO 17** 12 **GPIO 18** Logic **GPIO 27** GND I²C Interface -å sda GPIO 22 GPIO 23 + 3,3 V ADDR GND 20 (MOSI) GPIO 10 GND 22 (MISO) GPIO 9 21 **GPIO 25** (SCLK) GPIO 11 23 24 GPIO 8 (CE0) 25 26 GPIO 7 (CE1) GND 28 ID_SD ID_SC Logic ADC 30 GPIO 5 GND -å sda I2C Interface 32 GPIO 6 **GPIO 12** OSC 34 GND **GPIO 13** ADDR **GPIO 19 GPIO 16** GPIO 20 GPIO 26 **Bottom sensor** GND -**GPIO 21**

Wiring diagram servos + 3,3 V +5V (SDA) GPIO 2 +5 V (SCL) GPIO 3 **6** GND Servo on fork (GPCLK0) GPIO 4 GPIO 14 (TXD) GND 10 GPIO 15 (RXD) 12 GPIO 18 **GPIO 17** 13 **1**4 GPIO 27 GND 15 16 GPIO 22 **GPIO 23** + 3,3 V 17 18 GPIO 24 20 (MOSI) GPIO 10 GND 22 (MISO) GPIO 9 20 GPIO 25 Servo in housing (SCLK) GPIO 11 23 24 GPIO 8 (CE0) 25 26 GPIO 7 (CE1) GND PWM=Orange (JLF) - Vcc = Red (+) - Ground=Brown (-) 27 28 ID_SC ID_SD 30 GPIO 5 GND

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GPIO 6

GPIO 13

GPIO 19

GPIO 26 GND

GPIO 12

GPIO 16 GPIO 20

GPIO 21

GND