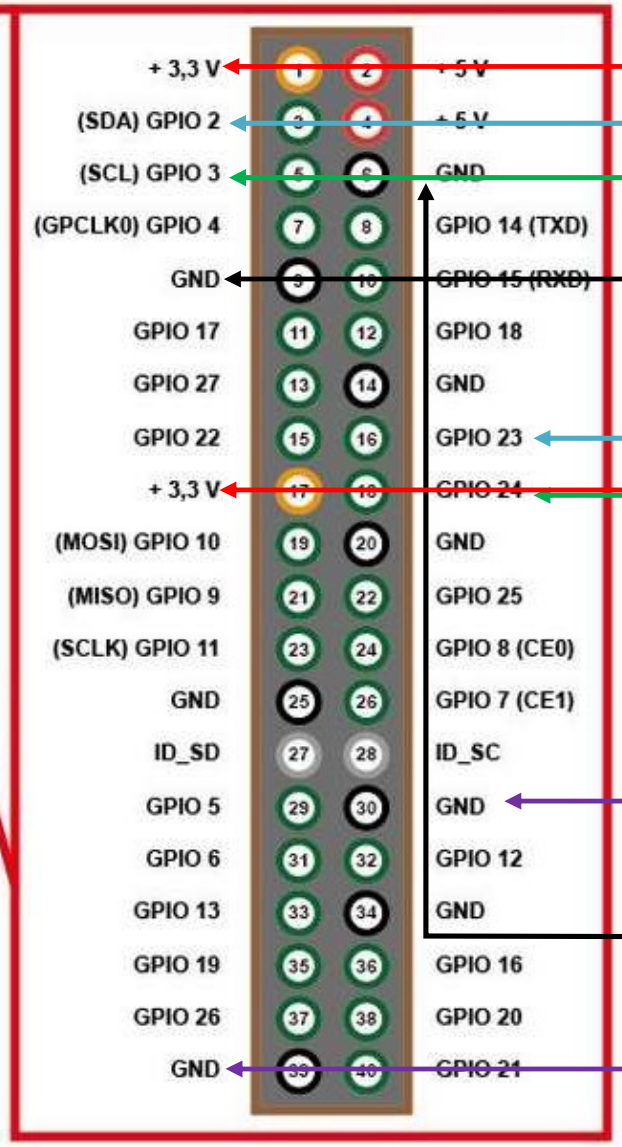
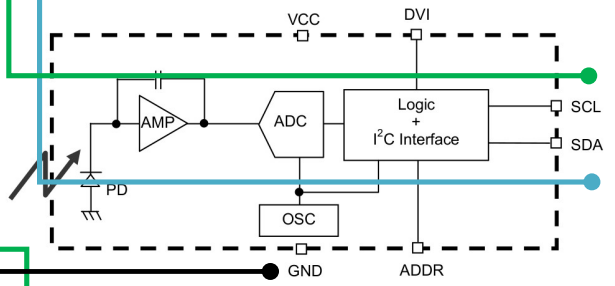
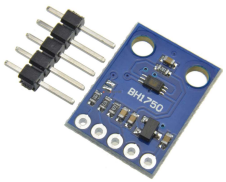
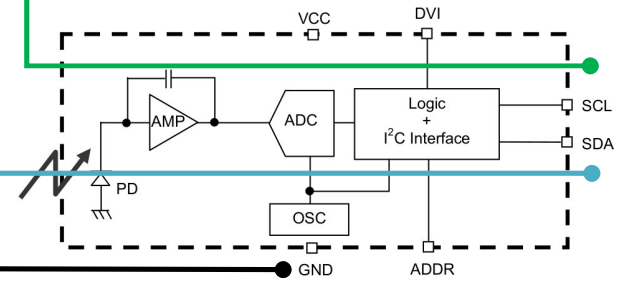
Wiring diagram light sensors

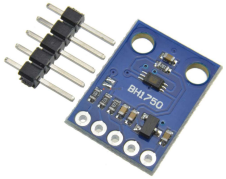


Top Sensor









Bottom sensor

Wiring diagram servos

+ 3,3 V	1	2	+ 5 V
(SDA) GPIO 2	3	4	+ 5 V
(SCL) GPIO 3	5	6	GND
(GPCLK0) GPIO 4	7	8	GPIO 14 (TXD)
GND	9	10	GPIO 15 (RXD)
GPIO 17	11	12	GPIO 18
GPIO 27	13	14	GND
GPIO 22	15	16	GPIO 23
+ 3,3 V	17	18	GPIO 24
(MOSI) GPIO 10	19	20	GND
(MISO) GPIO 9	21	22	GPIO 25
(SCLK) GPIO 11	23	24	GPIO 8 (CE0)
GND	25	26	GPIO 7 (CE1)
ID_SD	27	28	ID_SC
GPIO 5	29	30	GND
GPIO 6	31	32	GPIO 12
GPIO 13	33	34	GND
GPIO 19	35	36	GPIO 16
GPIO 26	37	38	GPIO 20
GND	39	40	GPIO 21

Servo on fork

PWM=Orange (⎍⎍)
Vcc = Red (+)
Ground=Brown (–)

Servo in housing

PWM=Orange (⎍⎍)
Vcc = Red (+)
Ground=Brown (–)