IR Detector

IR LED

Black-ground

Red-power

Orange-I/O

Ping sensor

Whisker

220 ohm resistor

10k ohm resistor

3-pin m/m headers

Servo13

Servo12

Light grey- 3.3 volts

Grey – V

Dark grey – 5 volts

Reset

3.3 V

5V

GND

5V

Analog in

0

1

2

3

4

5

Digital

AREF

GND

12

11

10

9

8

7

6

5

4

3

2

1

0

0 12 34 567 8910111213

G

N

D

Analog

0

1

2

3

4

5