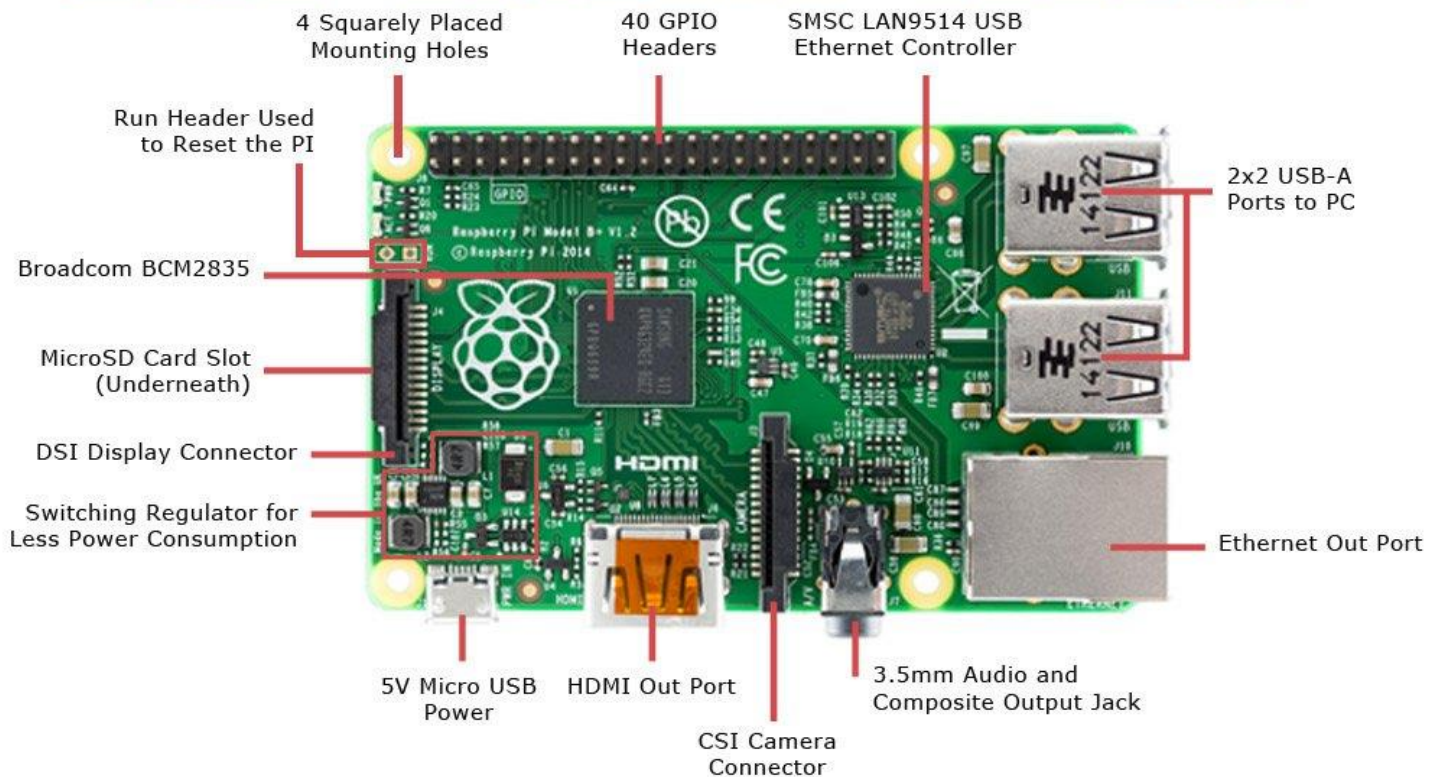
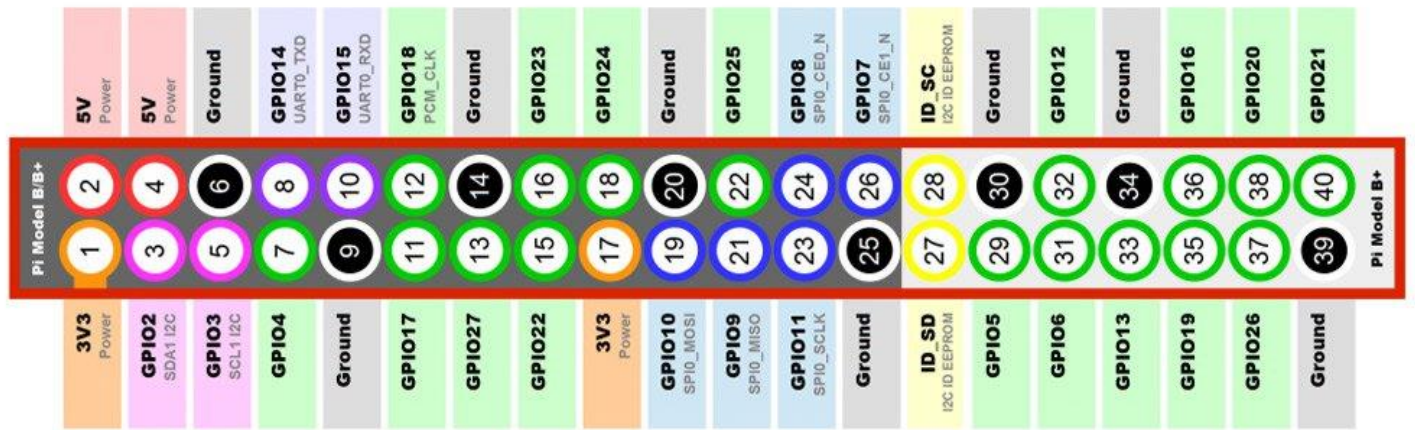


GPIO Pinout Diagram



Pin Out Table (ordered by components – Motor, Ultrasound, I2C, Vin, Radio)

Servo Ail Left	GPIO 17/ pin11	3.3V I2C	Pin 1	Vin 5V	Pin 2
Servo Ail Right	GPIO 22/ pin15	GND I2C	Pin 14	GND 5V	Pin 6
Servo Rudder	GPIO 24/ pin18	SCL I2C	GPIO3/ pin5	CE	GPIO25/pin22
Servo Elevator	GPIO 5/ pin29	SDA I2C	GPIO2/ pin3	CSN/CS	GPIO8/ pin24
ESC	GPIO 21/ pin40			SCK	GPIO11/pin23
GPIO - Trig	GPIO 19/ pin35			MOSI	GPIO10/pin19
GPIO - Echo	GPIO 26/ pin37			MISO	GPIO9/pin21
5V Ultra Sound	Pin 4			3.3V rad	Pin 17
GND ultrasound	Pin 9			GND rad	Pin 20

Pin Out Table (Order by pin number)

Item	Pin (in order)
3.3V I2C	Pin 1
Vin 5V	Pin 2
SDA I2C	GPIO2/ pin3
5V Ultra Sound	Pin 4
SCL I2C	GPIO3/ pin5
GND 5V	Pin 6
GND ultrasound	Pin 9
Servo Ail Left	GPIO 17/ pin11
GND I2C	Pin 14
Servo Ail Right	GPIO 22/ pin15
3.3V rad	Pin 17
Servo Rudder	GPIO 24/ pin18
MOSI	GPIO10/pin19
GND rad	Pin 20
MISO	GPIO9/pin21
CE	GPIO25/pin22
SCK	GPIO11/pin23
CSN/CS	GPIO8/ pin24
Servo Elevator	GPIO 5/ pin29
GPIO - Trig	GPIO 19/ pin35
GPIO - Echo	GPIO 26/ pin37
ESC	GPIO 21/ pin40