

ATmega328P-AU (Pin)	Raspberry pi (Pin)
1	3
2	5
9	3
10	16
13	18
14	22
22	1/17
25	29
26	31
32	5
+5V x 2	2 & 4

Pin 10, 13, 14, 25, 26 only need input and output the digital signal of pi to the led and motor, so **any GPIO is ok**.

HX711_SCK (**Pin 2 & 32**) and HX711_DOUT (**Pin 1 & 9**) are clock pins and data out pins, so they would connect to the **I²C** of the pi.

Pin 22 is a voltage reference that provides stable voltage according to changes, so connect it to a **3.3V**.



	3V3	1	2	5V		
I2C SDA	GPIO2	3	4	5V		
I2C SCL	GPIO3	5	6	GND		
	GPIO4	7	8	GPIO14	UART TX	
	GND	9	10	GPIO15	UART RX	
	GPIO17	11	12	GPIO18	PCM CLK	PWM0
	GPIO27	13	14	GND		
	GPIO22	15	16	GPIO23		
	3V3	17	18	GPIO24		
SPI MOSI	GPIO10	19	20	GND		
SPI MISO	GPIO9	21	22	GPIO25		
SPI SCLK	GPIO11	23	24	GPIO8	SPI CE0	
	GND	25	26	GPIO7	SPI CE1	
I2C ID EEPROM	GPIO0	27	28	GPIO1	I2C ID EEPROM	
	GPIO5	29	30	GND		
	GPIO6	31	32	GPIO12	PWM0	
PWM1	GPIO13	33	34	GND		
PWM1	PCM FS	35	36	GPIO16		
	GPIO26	37	38	GPIO20	PCM DIN	
	GND	39	40	GPIO21	PCM DOUT	