ATmega328P-AU		Raspberry pi
Component	Pin	GPIO
HX711_SCK_L	PD2	16
HX711_DOUT_L	PD3	17
HX711_SCK_H	PD4	26
HX711_DOUT_H	PD5	27
A4950_IN1	PD6	23
A4950_IN2	PB1	24
Reverse M	PC2	5
Forward M	PC3	6
LED(D10/SS)	PB2	25
VREF AD4950	ADC7	3V3
5V *2		5V

MCU

U2

RX1_MCU	30	PD0 (RXD/PCINT16)
TX1_MCU	31	PD1 (TXD/PCINT17)
HX711_SCK_L	32	PD2 (INT0/PCINT18)
HX711_DOUT_L	1	(PCINT19/OC2B/INT1) PD3
HX711_SCK_H	2	(PCINT20/XCK/T0) PD4
HX711_DOUT_H	9	(PCINT21/OC0B/T1) PD5
A4950_IN1	10	(PCINT22/OC0A/AIN0) PD6
BT_CONNECT	11	(PCINT23/AIN1) PD7

PC6 (RESET/PCINT14)	29
PC5 (ADC5/SCL/PCINT13)	28
PC4 (ADC4/SDA/PCINT12)	27
PC3 (ADC3/PCINT11)	26
PC2 (ADC2/PCINT10)	25
PC1 (ADC1/PCINT9)	24
PC0 (ADC0/PCINT8)	23
ADC7	22
ADC6	19

BUZZER_EN
OUT_CAM
Forward_M
Reverse_M
VBAT_DET
Check_chage
VREF_AD4950
OUT_LED

MOTOR	12	(PCINT0/CLKO/ICP1) PB0
A4950_IN2	13	(PCINT1/OC1A) PB1
D10/SS	14	(PCINT2/SS/OC1B) PB2
D11/MOSI	15	(PCINT3/OC2A/MOSI) PB3
D12/MISO	16	(PCINT4/MISO) PB4
LED_charge	17	PB5 (SCK/PCINT5)
	7	(PCINT6/XTAL1/TOSC1) PB6
	8	(PCINT7/XTAL2/TOSC2) PB7

SS1

VCC	4
VCC	6
AVCC	18
AREF	20

GND	3
GND	5
GND	21

ATmega328P-AU

C13
1000pF

RST

R11
470R

C13

1   3

16MHz

C1
0.1