



Smart car model C photoelectric group installation instructions

December.1st

1

Introduction of the Smart car

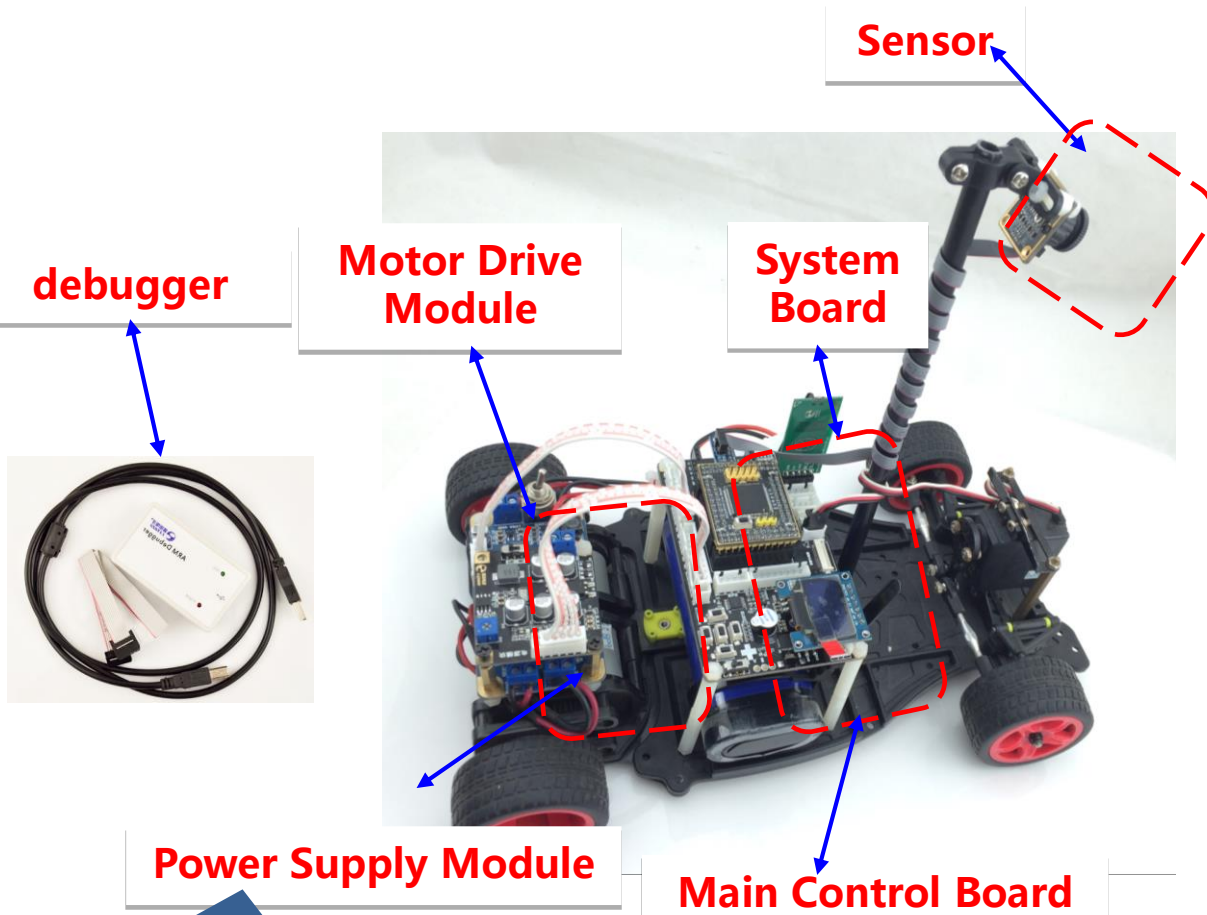
2








Description of the controller

3

Installation Notes

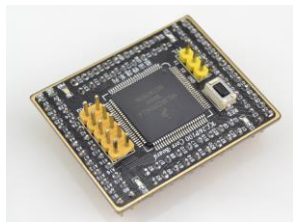
—、Introduce



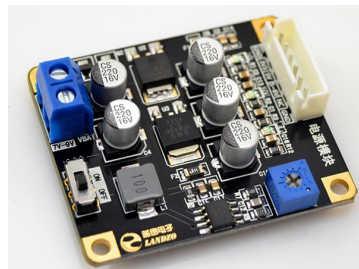
ITEM	PRICE	PICTURE	NOTICES
master control	\$41		
System board	\$39		
power module	\$30		
Motor drive module	\$32		
OV7725 Predator Camera	\$38		You could choice one as tracking sensor.
CCD sensor	\$34		
car model C	\$130		

二、Controller introduction

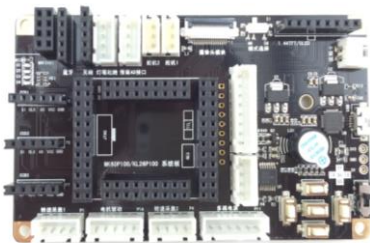
Component



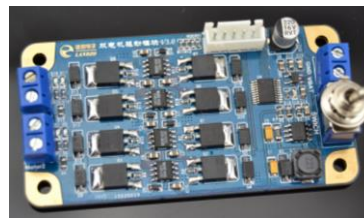
MKL26 system board
MKL26 system board, the core of the whole system, control the whole system to complete the corresponding work.



Power supply module
Responsible for the entire system power supply, can provide multiple power supply, ensure the 3.3V system power supply, 5V system and the steering gear power supply requirements.



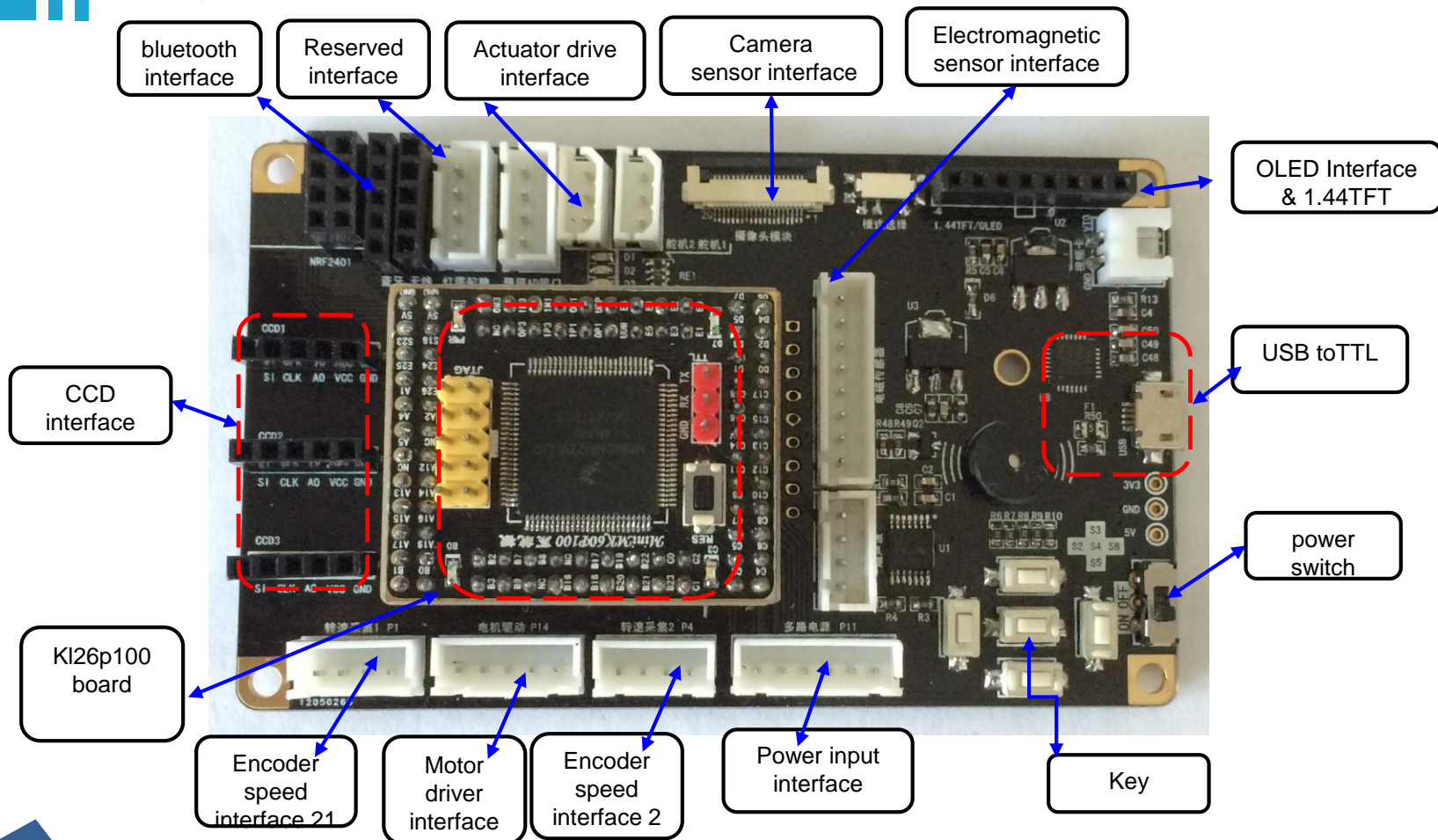
Main control board
Responsible for the entire system of external signal input and human-computer interaction, multi-machine communication, servo control.



Motor drive board
Be responsible for driving the motor

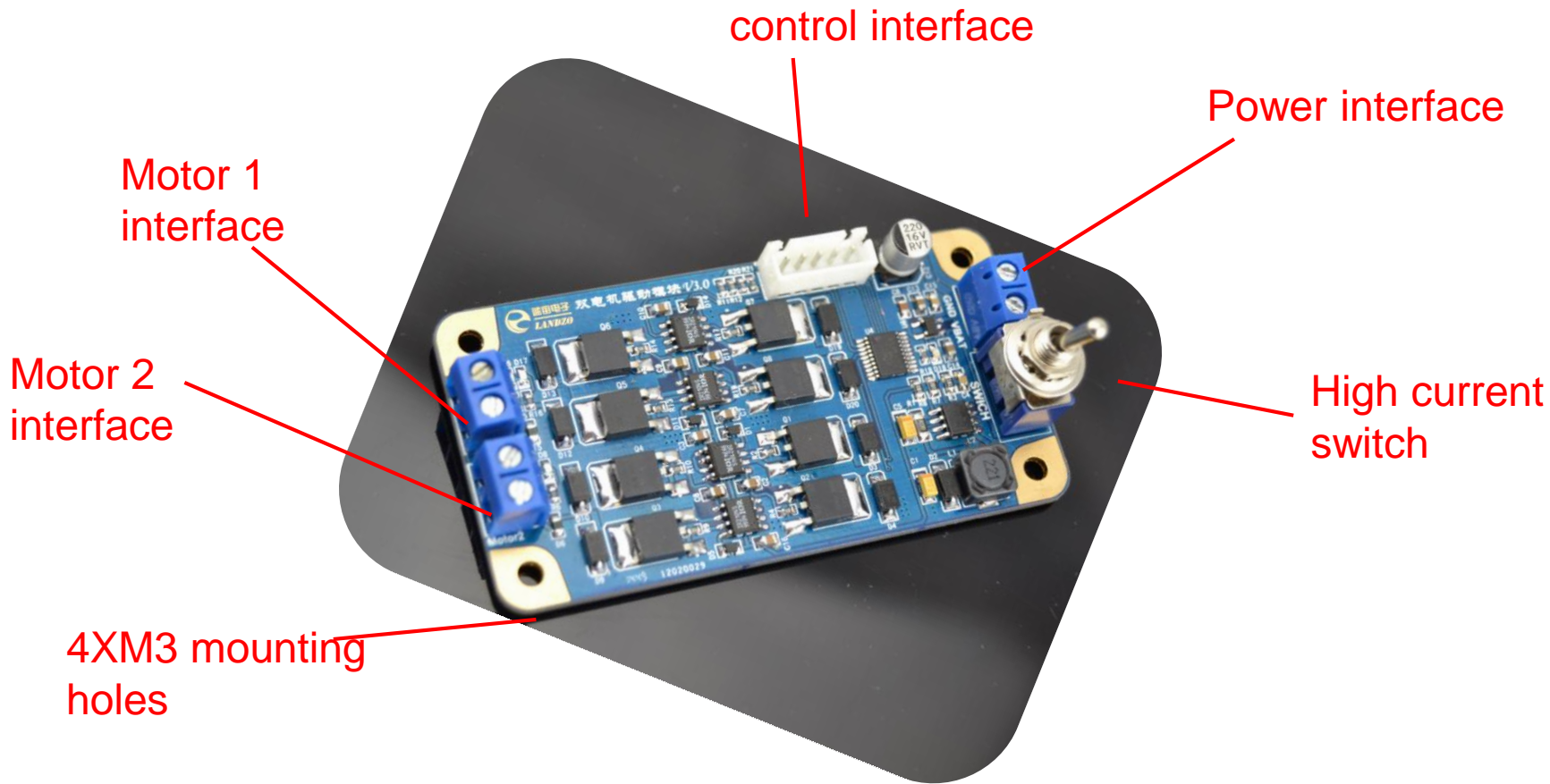
二、Controller introduction

Function introduction



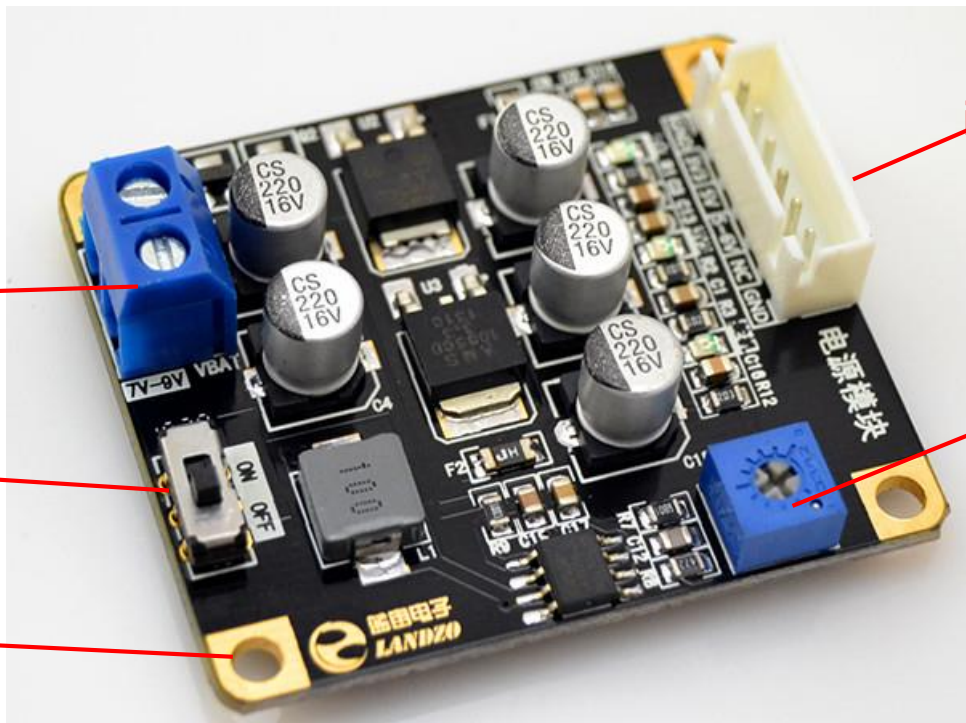
二、Controller introduction

Motor drive module



二、Description of the controller

Power Supply Module



Power input interface

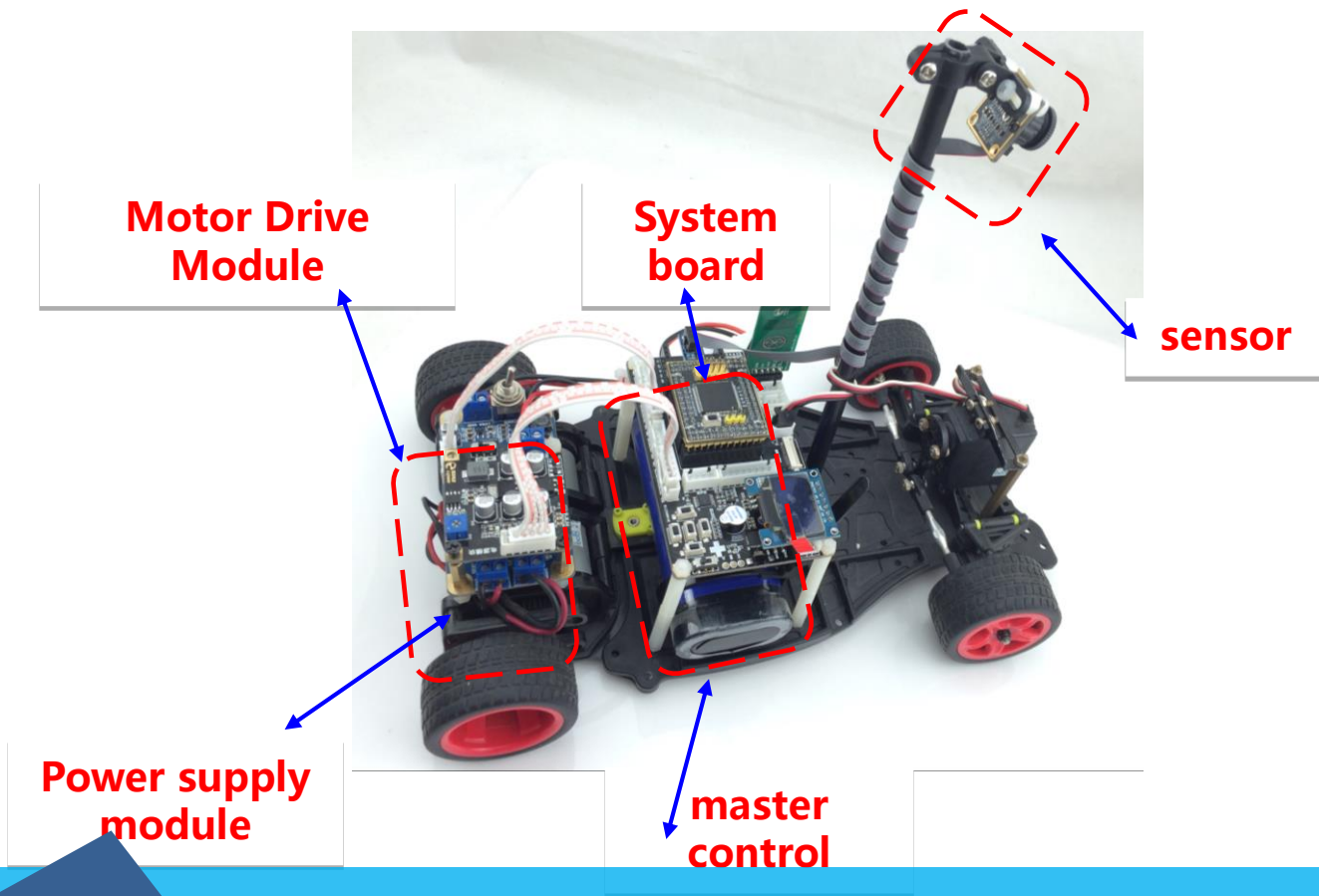
Power switch

4XM3 mounting holes

Power output interface

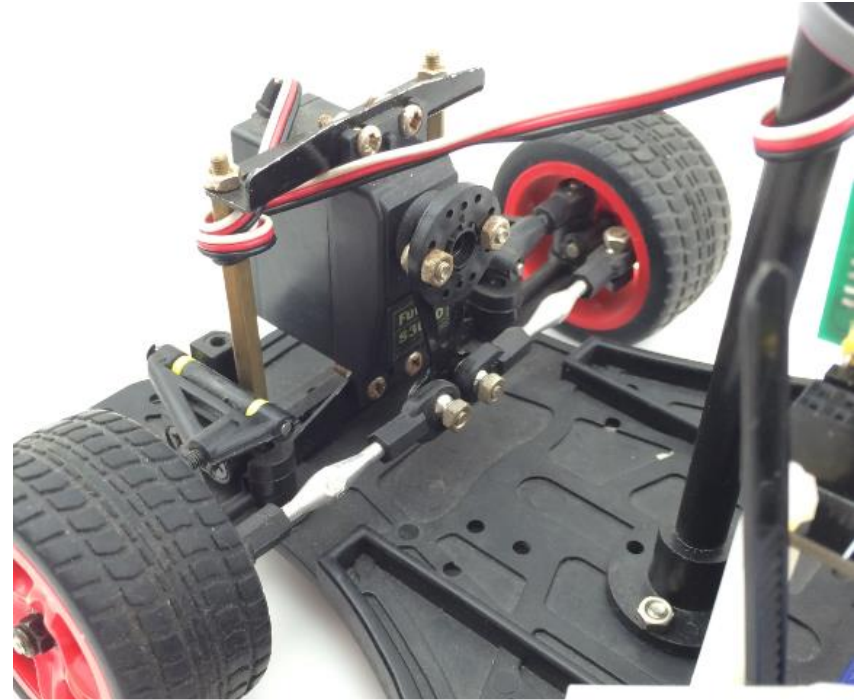
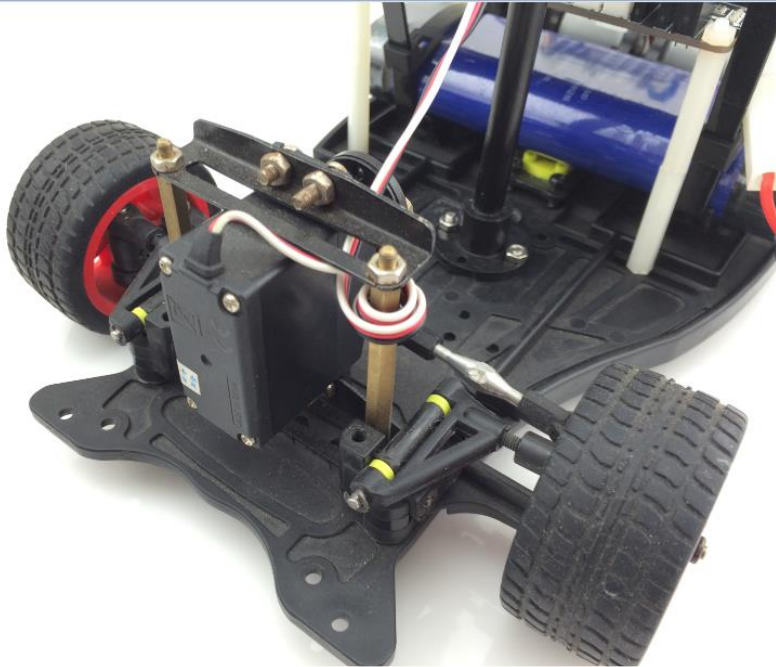
Actuator Voltage Regulation

三、 Installation instructions



三、 Installation instructions

Steering gear installation

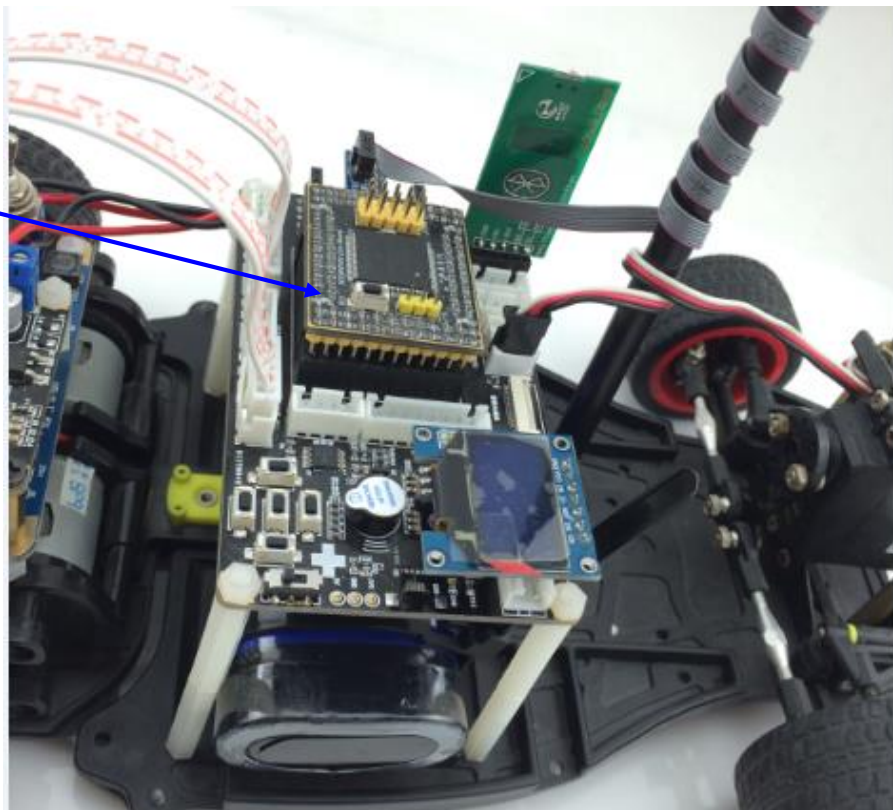


Steering gear installation : Can be used car model floor existing hole position , according to their needs at the bottom of the hole drilling, to adjust the steering gear installation position

三、 Installation instructions

Main control board installation

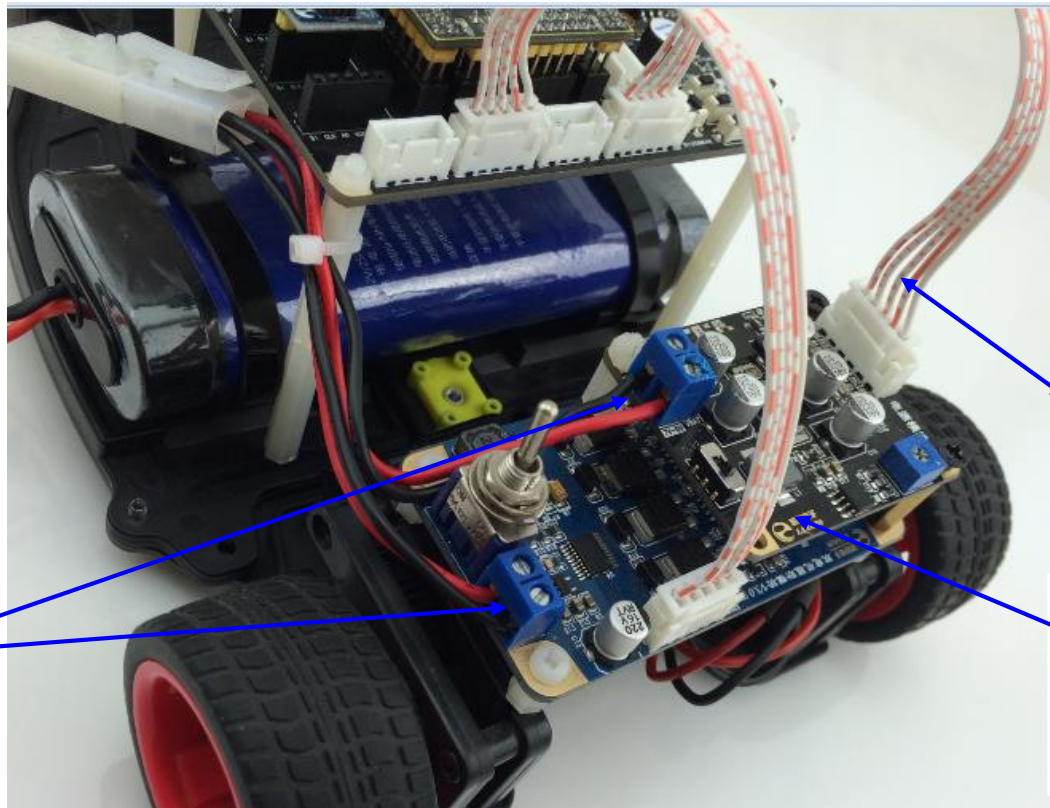
When connecting the system board to the MPU, pay attention to the orientation



Main control board installation: Install the middle part of the model, the center should be reduced as far as possible

三、 Installation Notes

Power motor drive module installation



**Power line attention
polarity:
VBAT battery
cathode
GND: battery**

**Power
module
Connecting
line**

**Motor drive
module
Connecting
line**

The motor driving power supply module installation: installation of car tail

三、 Installation Notes

The Encoder Installation

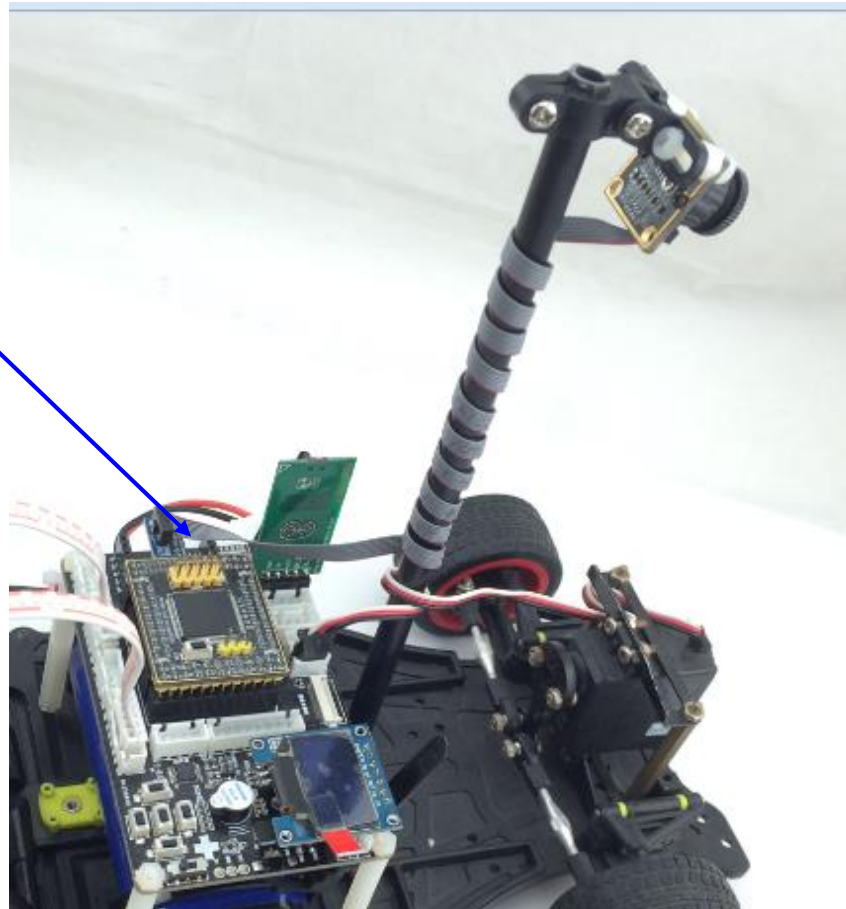


encoder

三、 Installation Notes

Linear CCD Sensor

Linear CCD sensor
plug in the main
control panel through
the transfer board
interface Pay
attention to the
direction (attach right
linear CCD the
indicator light on)

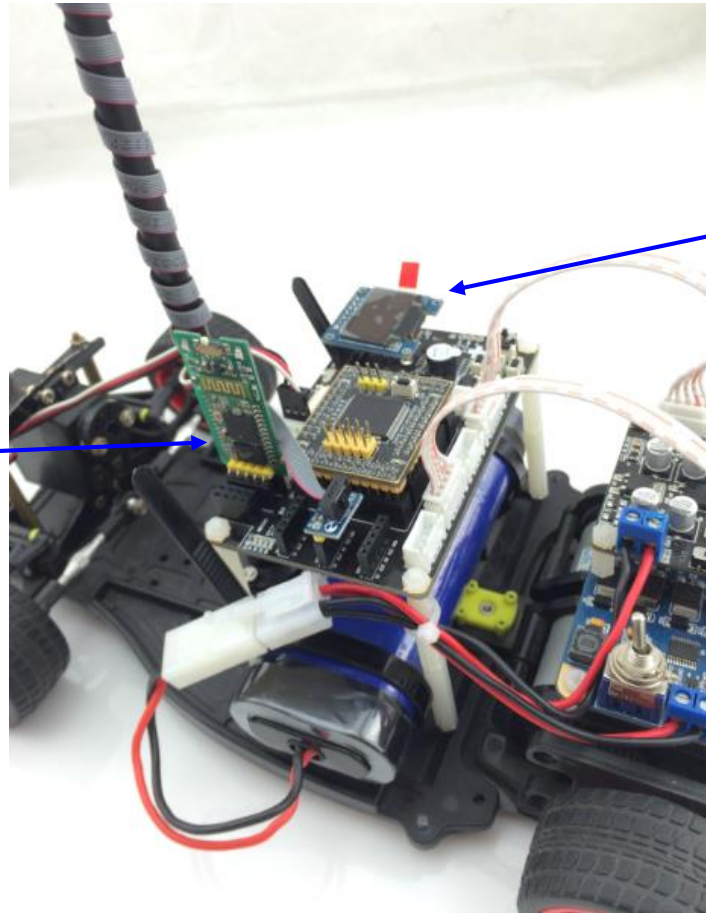


三、 Installation Notes

Other

Bluetooth

It is used to connect with the computer .



oled

It is used to show some thing we want to know.



Thank You!

web : www.landzo.com