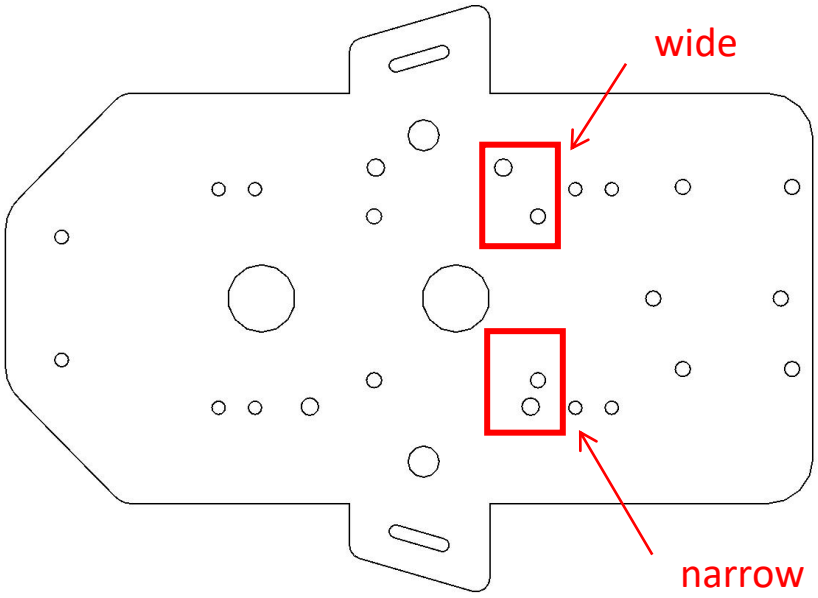
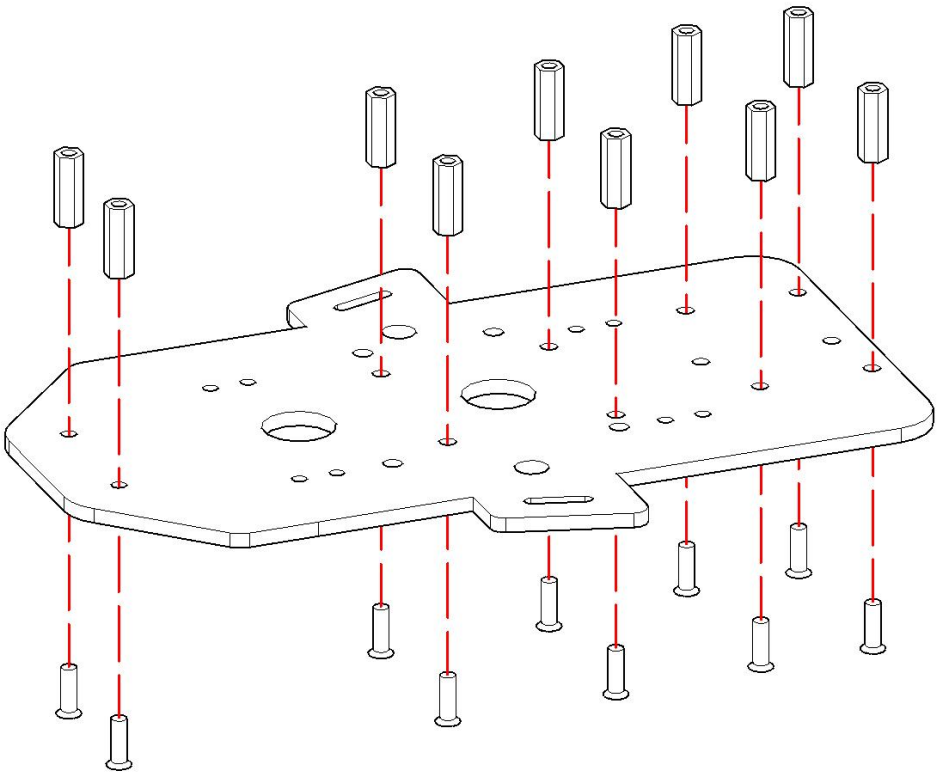
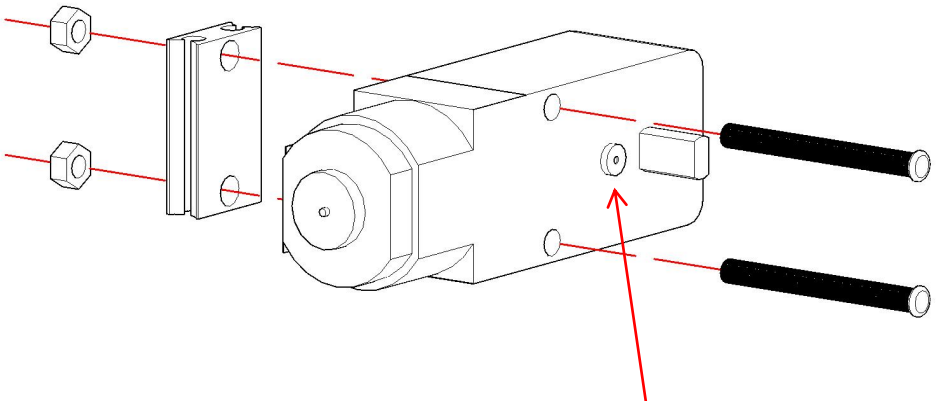
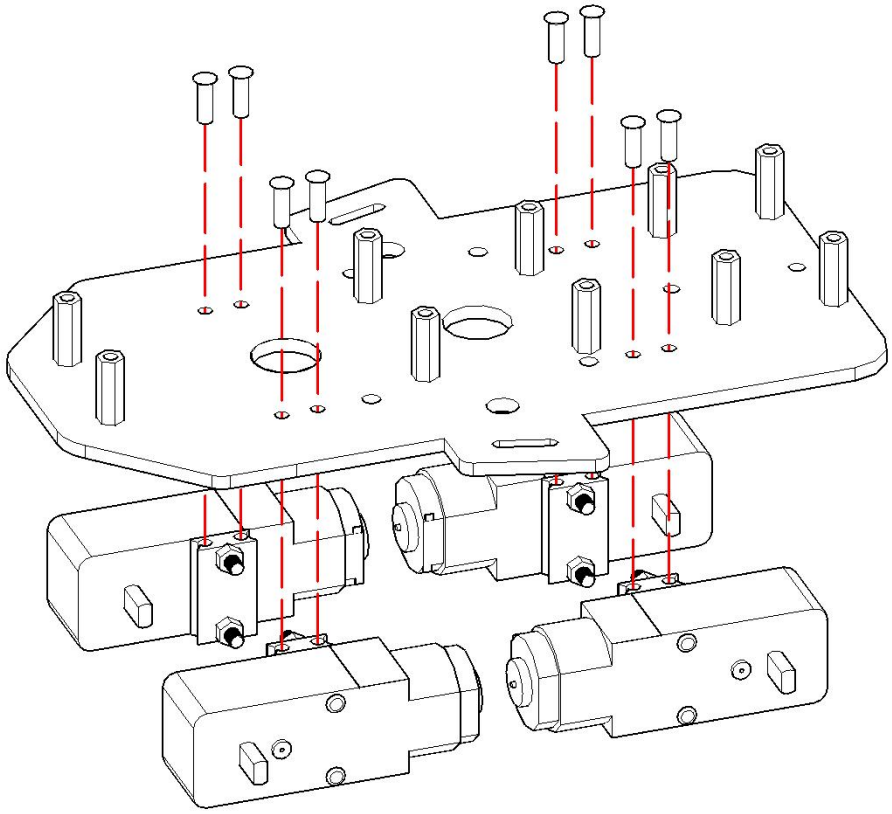
Step 0 Distinguish Between Front And Back			
Parts List	Acrylic Base Plate		
Splicing Diagram			
Notes	1.Note the orientation of the base plate. As shown in the picture, the circular hole spacing indicated by the arrow should be wider at the top and narrower at the bottom, which means this side is the front.		

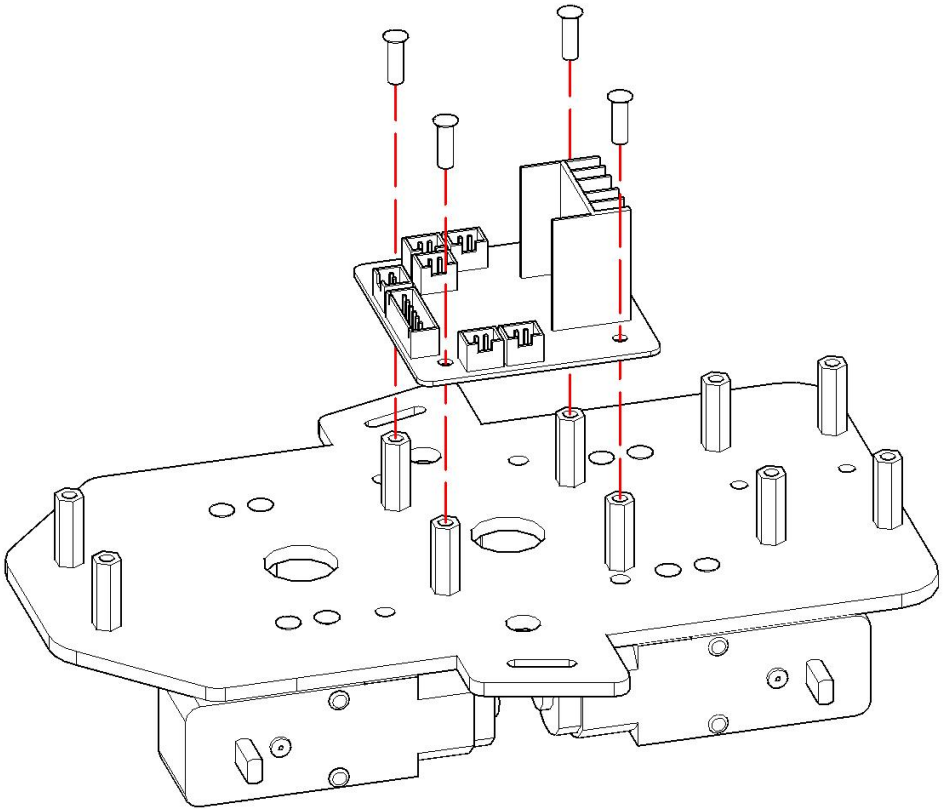
<table>
<tr><th colspan="4">Step 1 Mounting Copper Column</th></tr>
<tr><td>Parts List</td><td>Acrylic base plate</td><td>M3*10 Countersunk Head Phillips Screws*10</td><td>M3*18 Double Pass Copper Column*10</td></tr>
<tr><td>Splicing Diagram</td><td colspan="3">  </td></tr>
<tr><td>Notes</td><td colspan="3">1.Pay attention to the installation position of each copper column, do not install the wrong hole position.
2.Take care to distinguish the positive side of the motherboard.</td></tr>
</table>

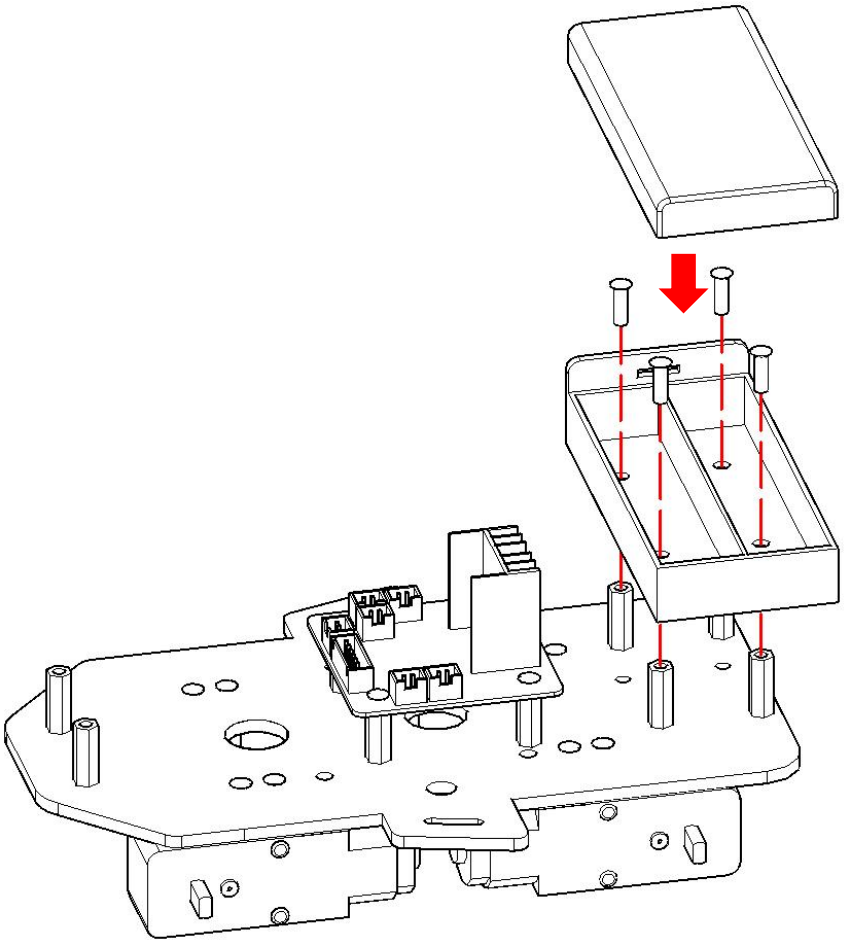
Step 2 Mounting The Motor

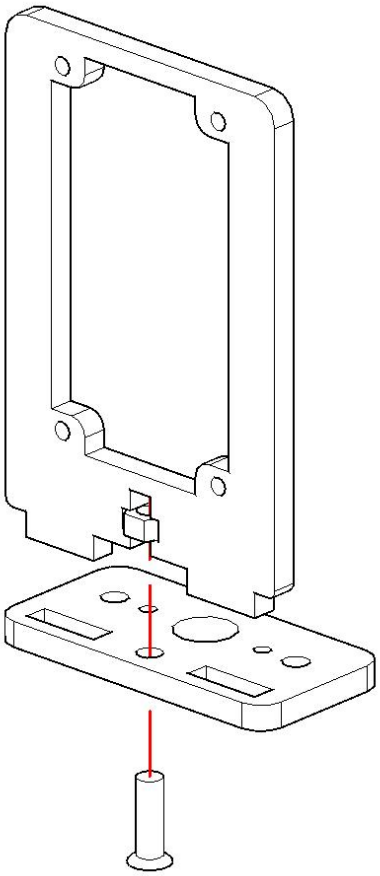
2.1 Mounting Motor Bracket

Parts List	TT Motor*4	M3*30 Round Head Phillips Screws*8	M3 Nuts*8
	Metal Motor Bracket*4		
Splicing Diagram			
Notes	1.Pay attention to install the motor bracket on the other side of the bump. 2.Assemble the four motors with the same assembly method.		

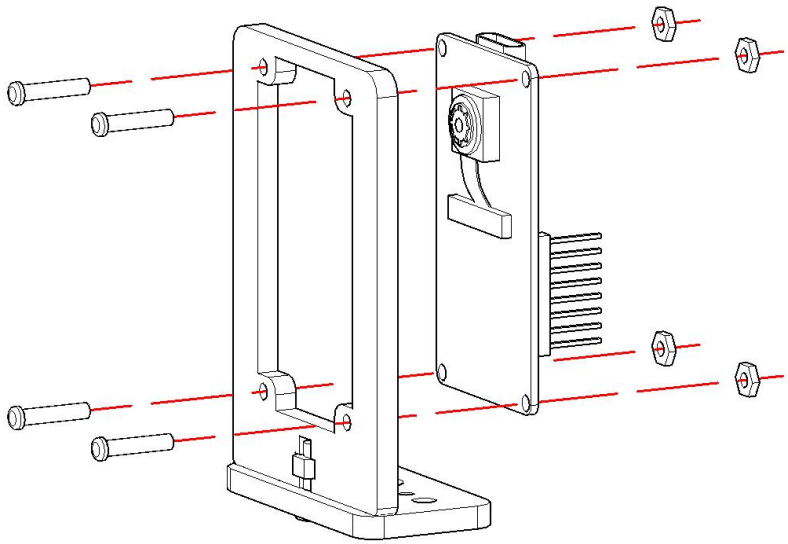
<table>
<tr><td colspan="3">Step 2 Mounting The Motor</td></tr>
<tr><td colspan="3">2.2 Fix The Motor</td></tr>
<tr><td>Parts List</td><td>Motor With Brackets Installed*4</td><td>M3*10 Countersunk Head
Phillips Screws*8</td></tr>
<tr><td>Splicing Diagram</td><td colspan="2">  </td></tr>
<tr><td>Notes</td><td colspan="2">1.Notice the orientation of the motors, the motor bump is facing out, and the solder joint of the wire is facing in.</td></tr>
</table>

Step 3 Installing The Motor Drive Module		
Parts List	Motor Drive Module*1	M3*10 Countersunk Head Phillips Screws*4
Splicing Diagram		
Notes	1. Pay attention to the orientation of the motor drive board.	

Step 4 Installing Battery Case		
Parts List	Battery Case*1	M3*10 Countersunk Head Phillips Screws*4
Splicing Diagram		
Notes	1.Note the orientation of the battery case.	

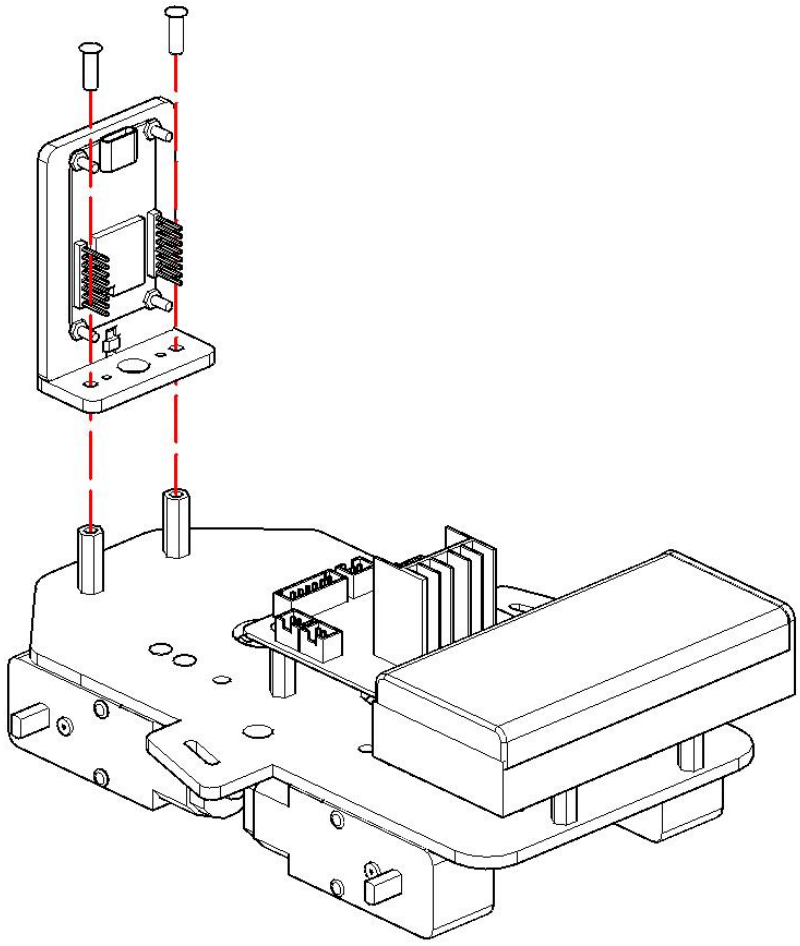
<table>
<tr><td colspan="4">Step 5 Installing ESP32-CAM Module</td></tr>
<tr><td colspan="4">5.1 Assembling ESP32-Cam Support Frame</td></tr>
<tr><td>Parts List</td><td>ESP32-CAM Support Frame Parts*2</td><td>M3*10 Countersunk Head Phillips Screws*1</td><td>M3 Nut*1</td></tr>
<tr><td>Splicing Diagram</td><td colspan="3">  </td></tr>
<tr><td>Notes</td><td colspan="3">1. First put the nut in the corresponding hole position and hold it down.
2. Then splice the two parts together and finally lock the screws.</td></tr>
</table>

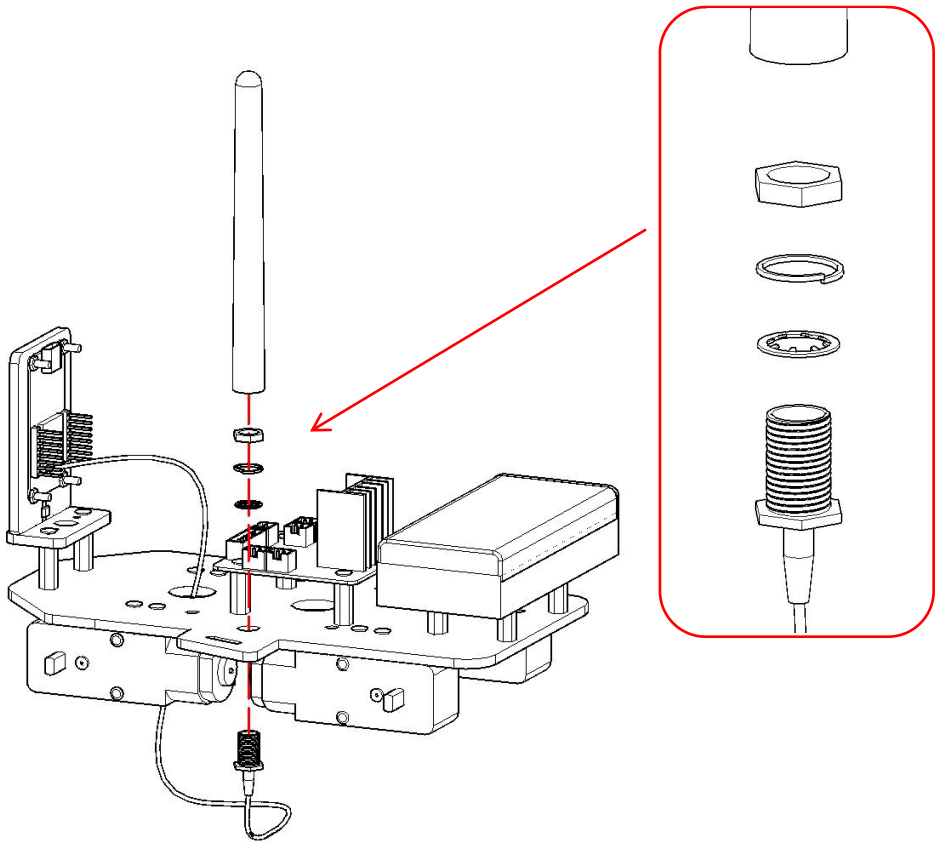
<table>
<tr><td colspan="4">Step 5 Installing ESP32-CAM Module</td></tr>
<tr><td colspan="4">5.2 Installing ESP32-CAM Module</td></tr>
<tr><td>Parts List</td><td>ESP32-CAM Module*1</td><td>M2*10 Round Head

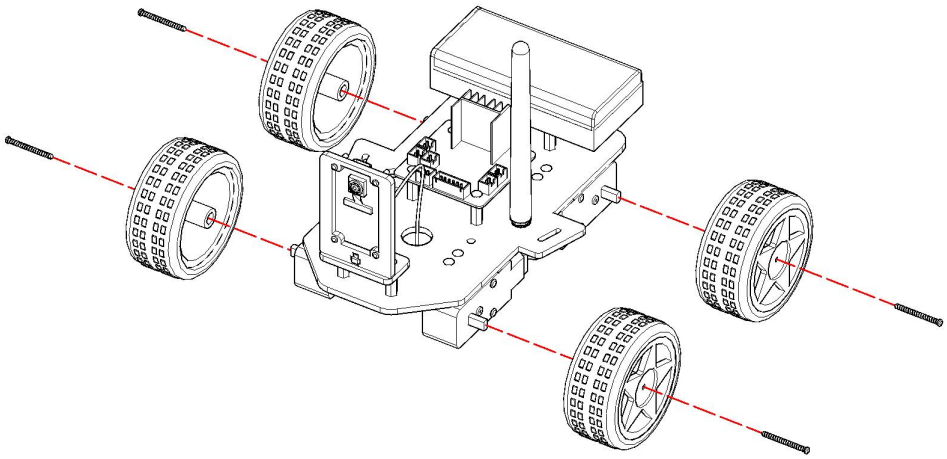
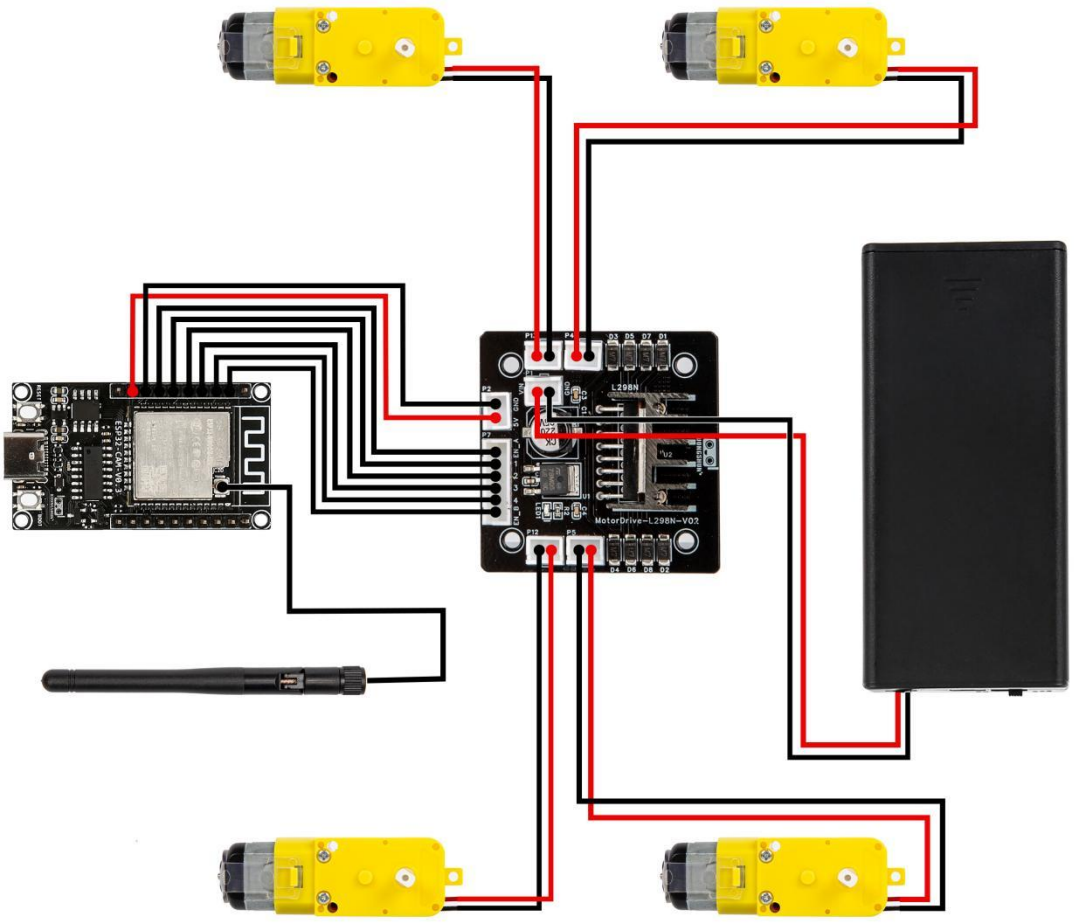
Phillips Screw*4</td><td>M2 Nuts*4</td></tr>
<tr><td>Splicing Diagram</td><td colspan="3">  </td></tr>
<tr><td>Notes</td><td colspan="3">1.Note the orientation and position of the modules and screws.</td></tr>
</table>

Step 5 Installing ESP32-CAM Module

5.3 Fixing The Frame

Parts List	M3*10 Countersunk Head Phillips Screws*2	
Splicing Diagram		

Step 6 Installing The Antenna Module		
Parts List	Antenna Module*1	
Splicing Diagram		
Notes	1. First, you need to put the wire through the hole and buckle it to the corresponding position of the ESP32-CAM module. 2. Note the order of the parts and install them in the order shown above right.	

Step 7 Mounting Wheels		
Parts List	Wheels*4	M2*25 Round Head Self-Tapping Screw*4
Splicing Diagram		

Step 8 Wiring