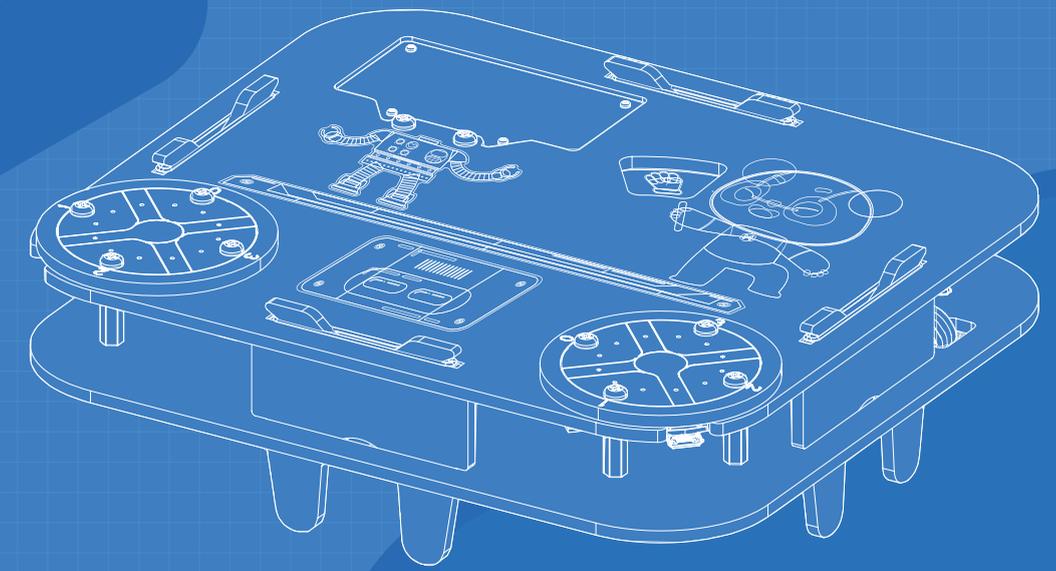
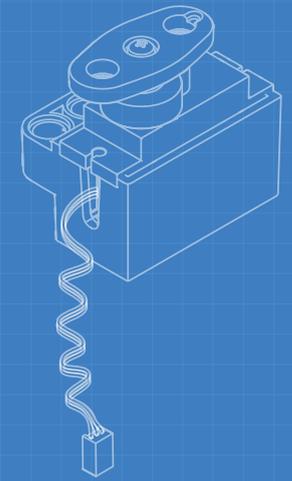


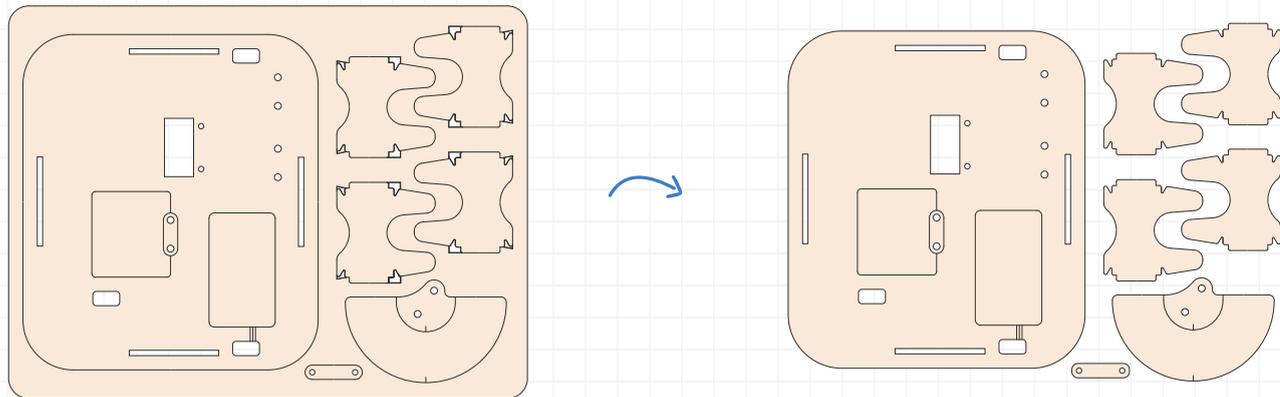
makeblock



Building Instructions

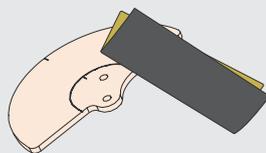
Super Gamepad

1 Take out the wood boards.

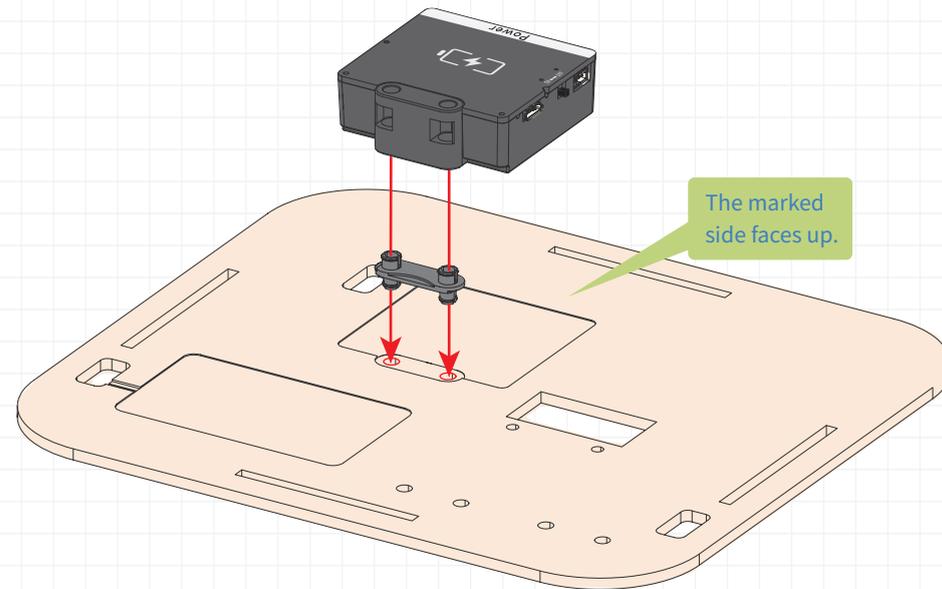


Pro tips

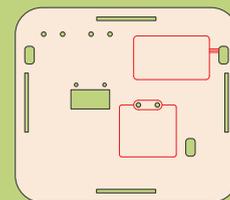
Use the sandpaper included to sand a smooth finish on the wood board before you start installing it.



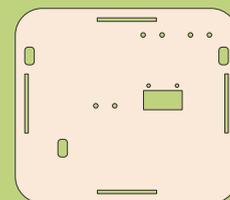
2 Install the power module.



The wood board has front and back sides. The front side has marks while the back side has no marks. Make sure you correctly identify the front and back.

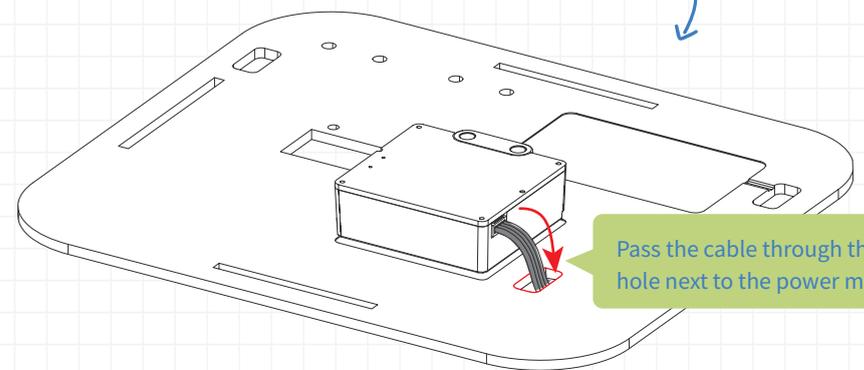
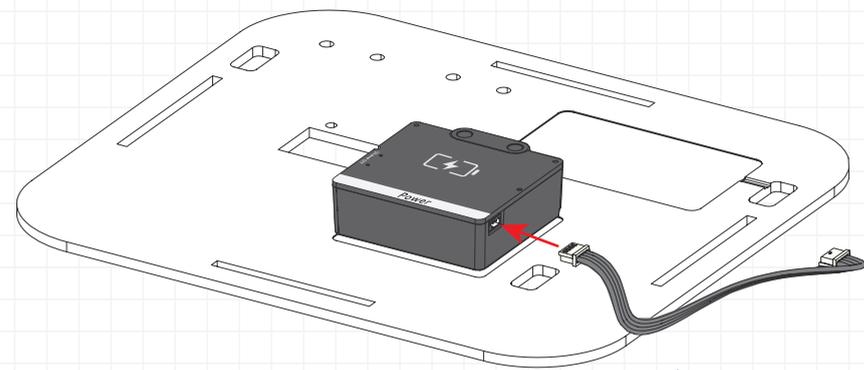


Front (with marks)



Back (without marks)

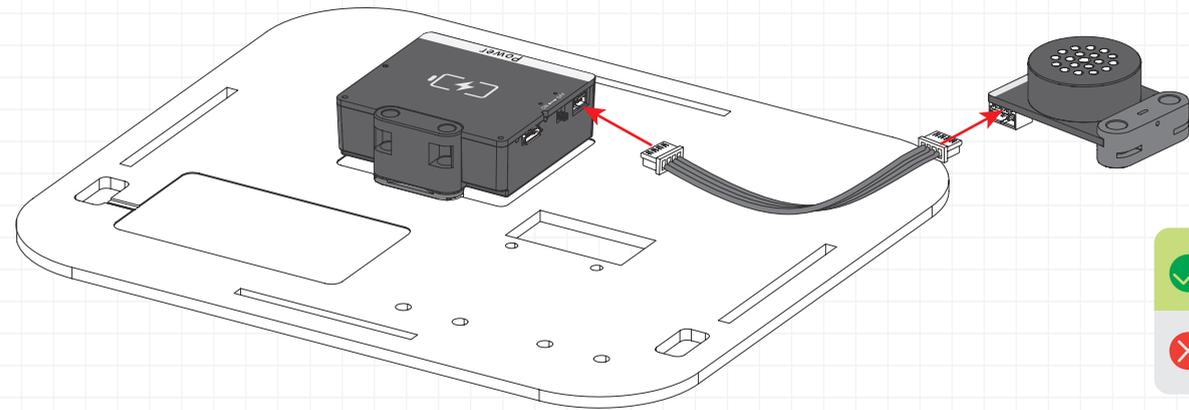
3 Insert a 20 cm connection cable into the power module.



Pass the cable through the square hole next to the power module.

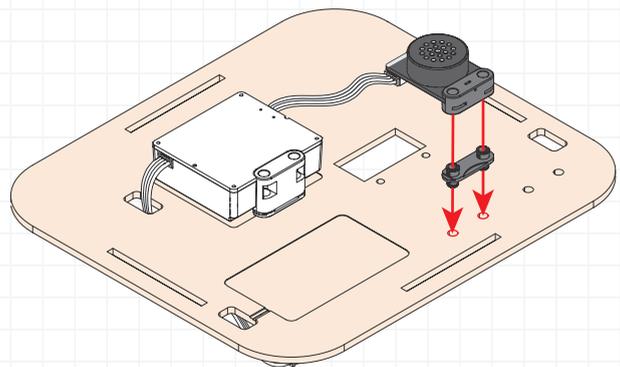
✓		20 cm
✗		10 cm

4 Connect the power module and speaker.

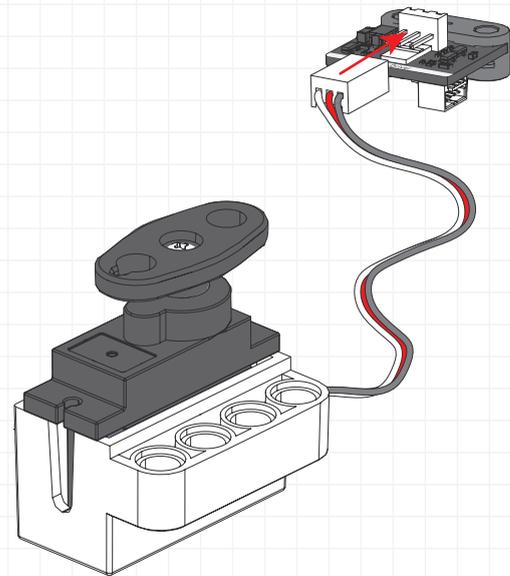


✓		10 cm
✗		20 cm

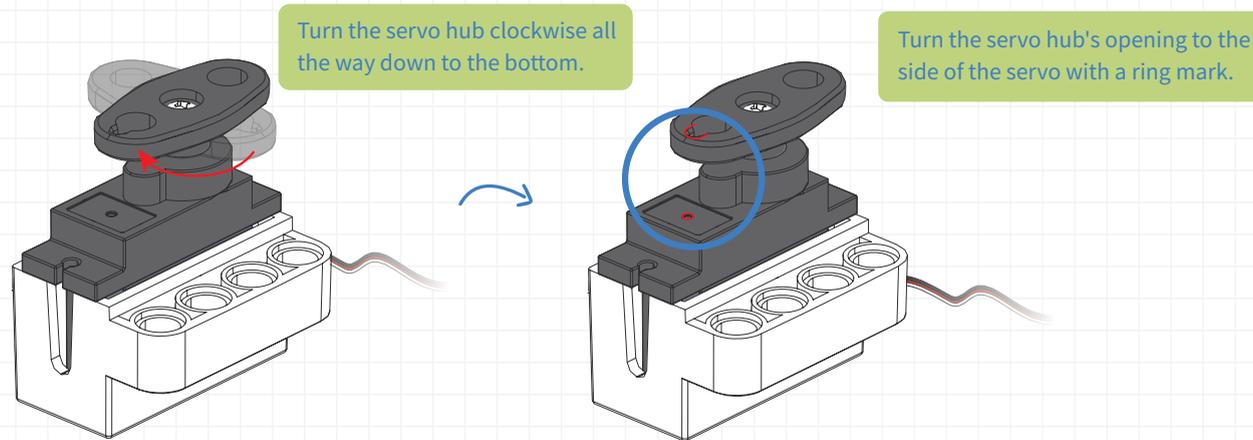
5 Fix the speaker to the wood board.



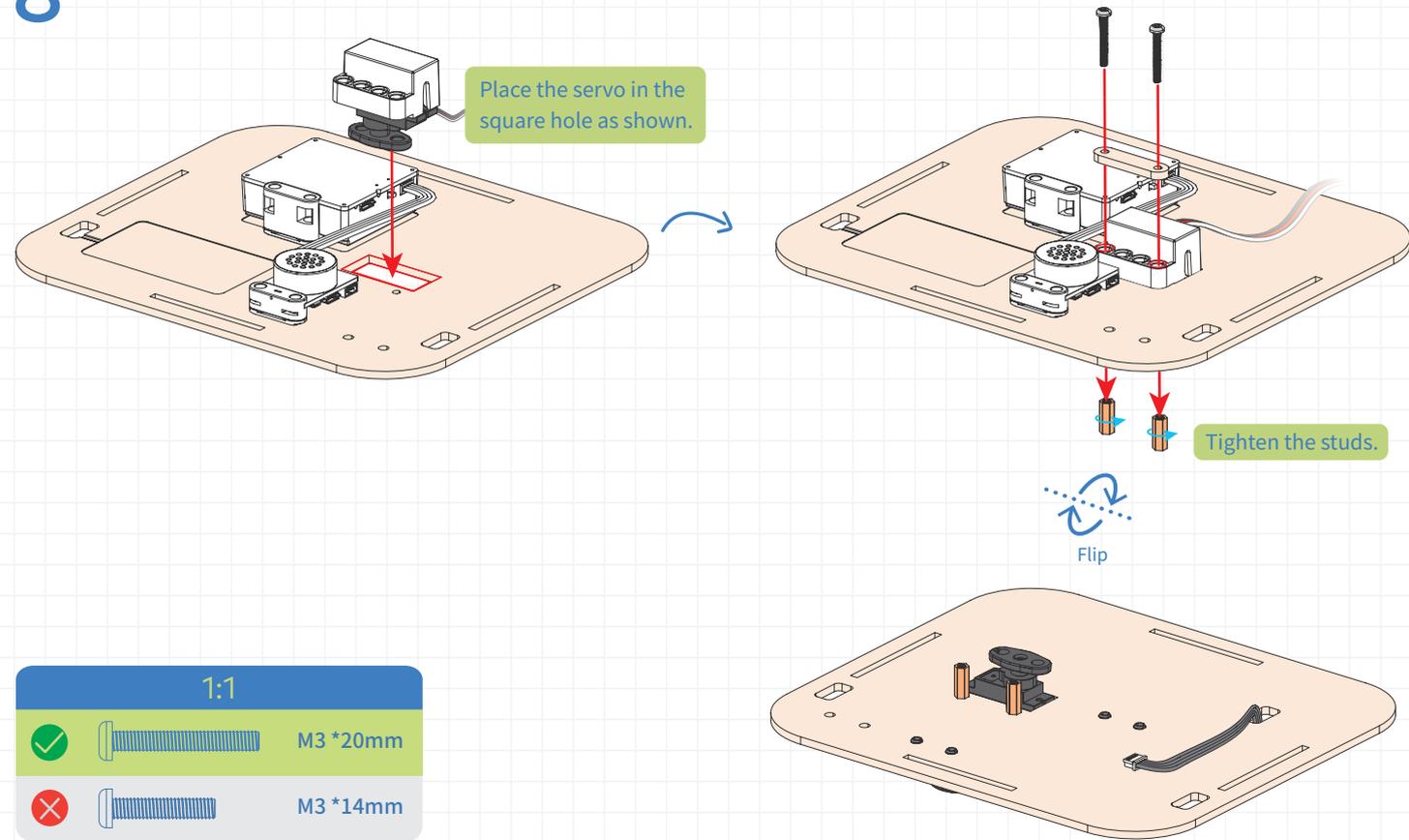
6 Connect the servo and the servo driver.



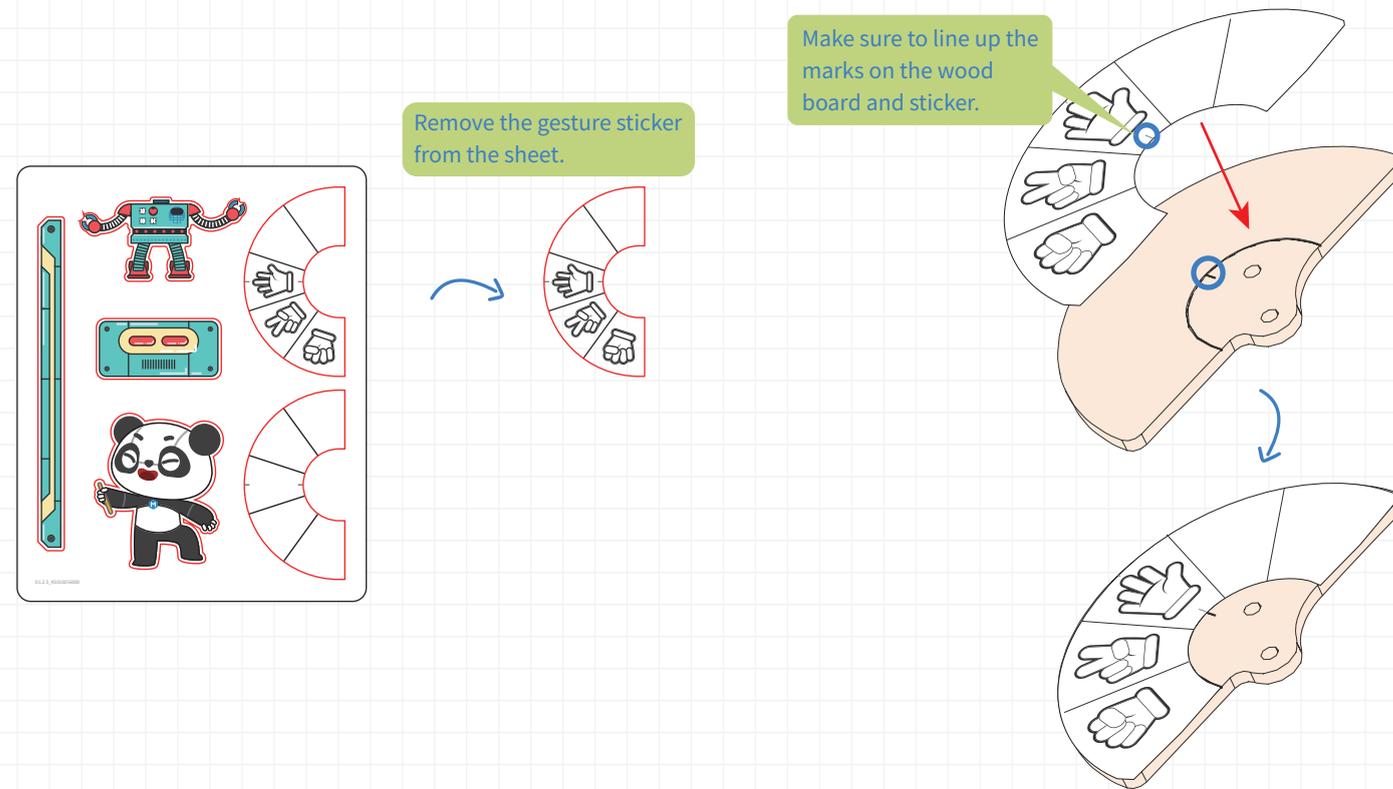
7 Set the servo hub to its zero position.



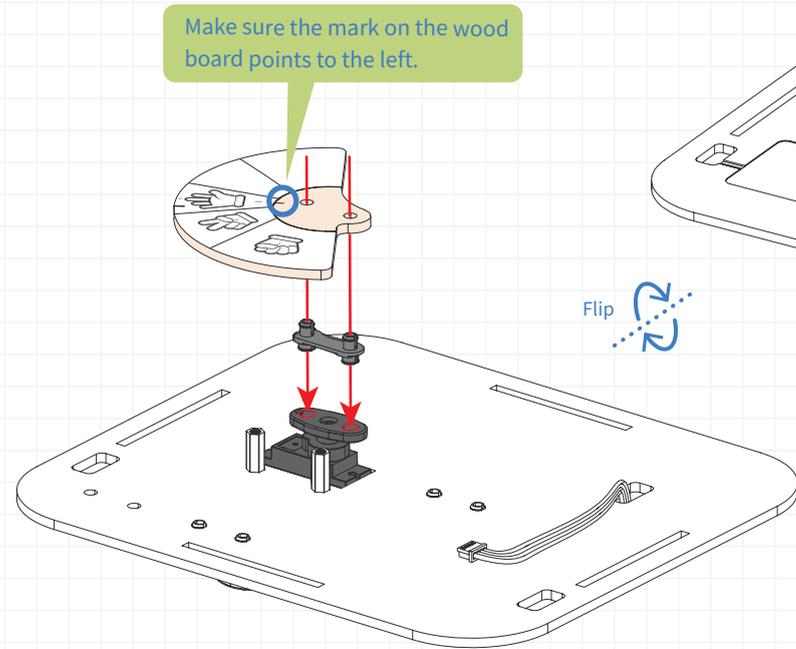
8 Add the servo.



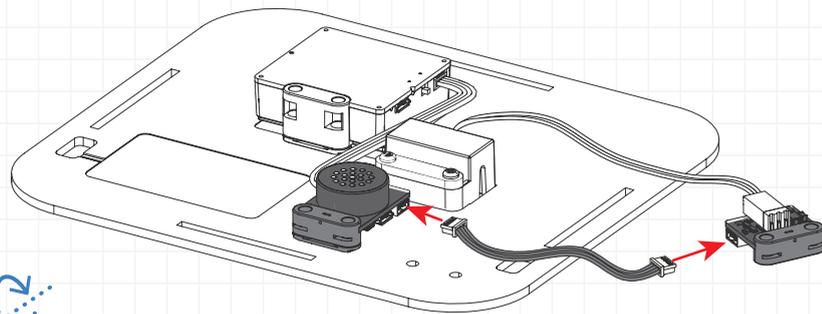
9 Apply a sticker.



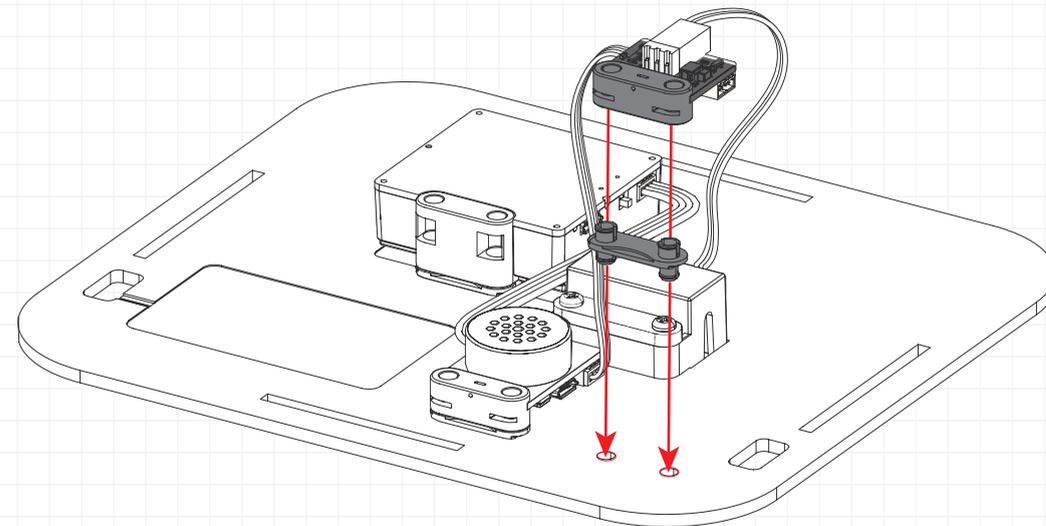
10 Install the wood board as shown.



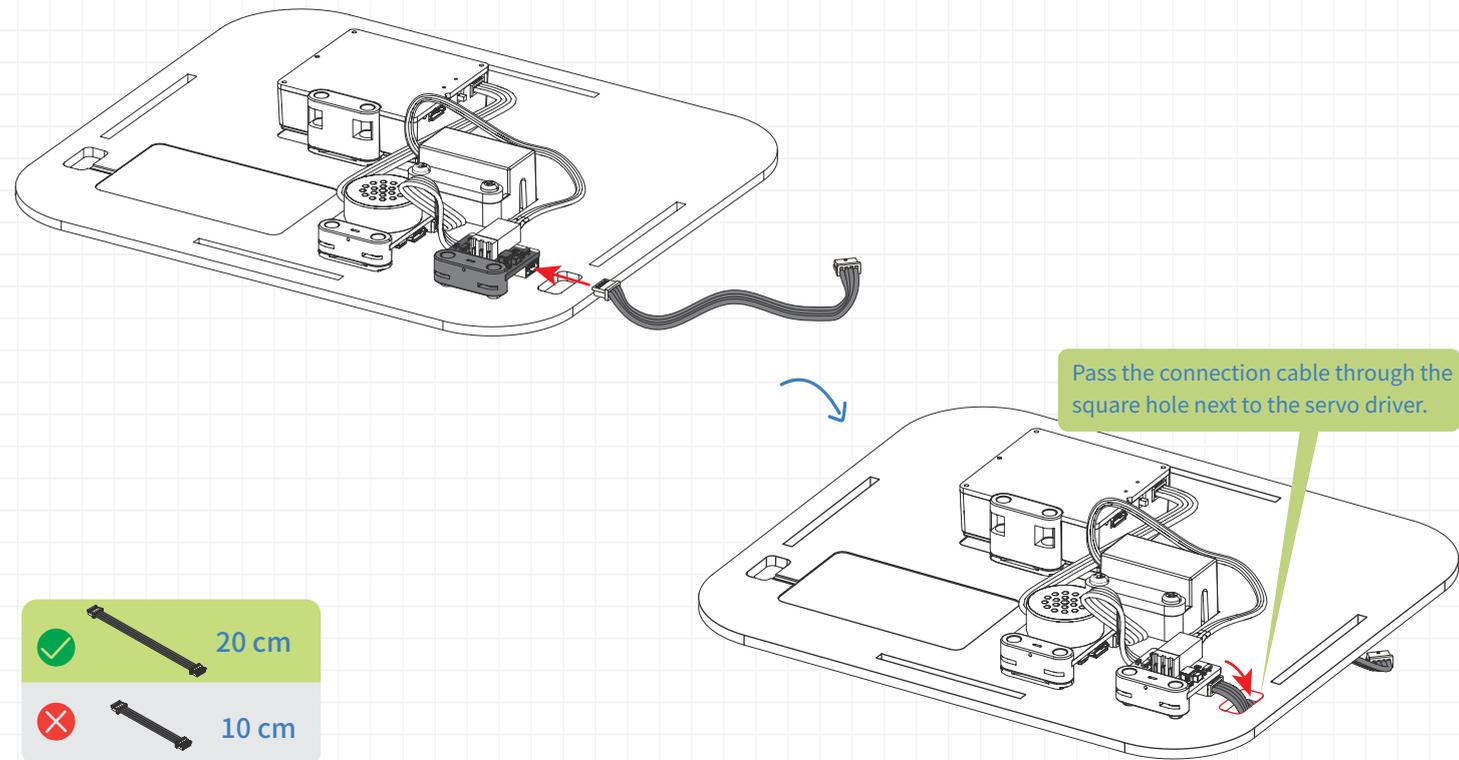
11 Connect the speaker and servo driver.



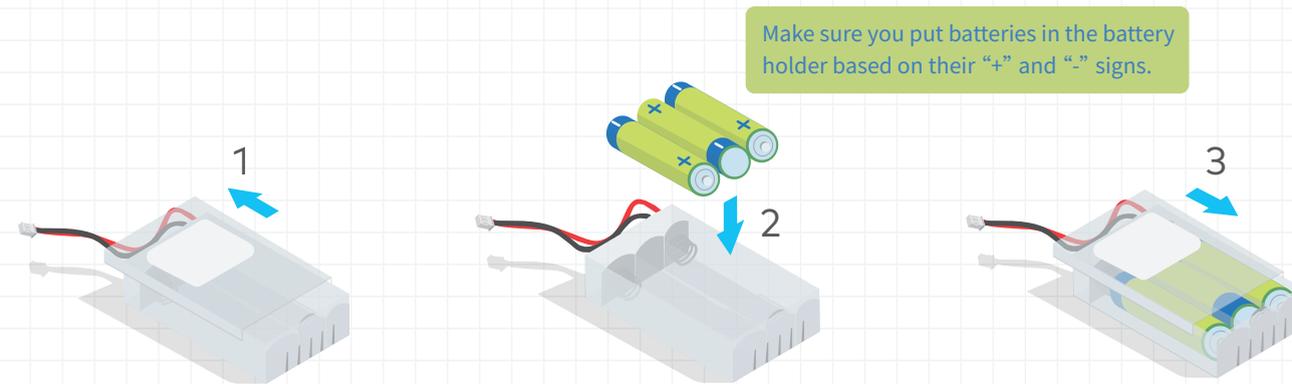
12 Install the servo driver.



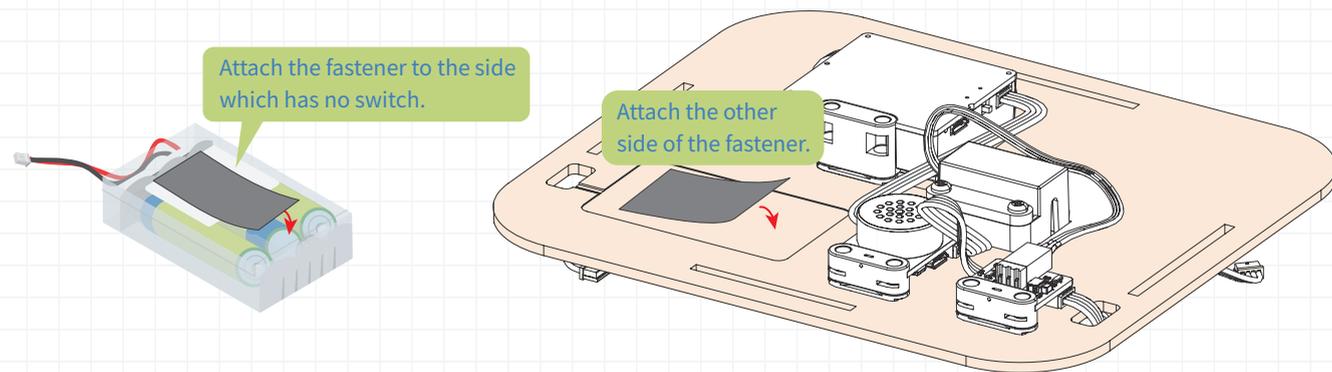
13 Insert a 20 cm connection cable into the port on the other side of the servo driver.



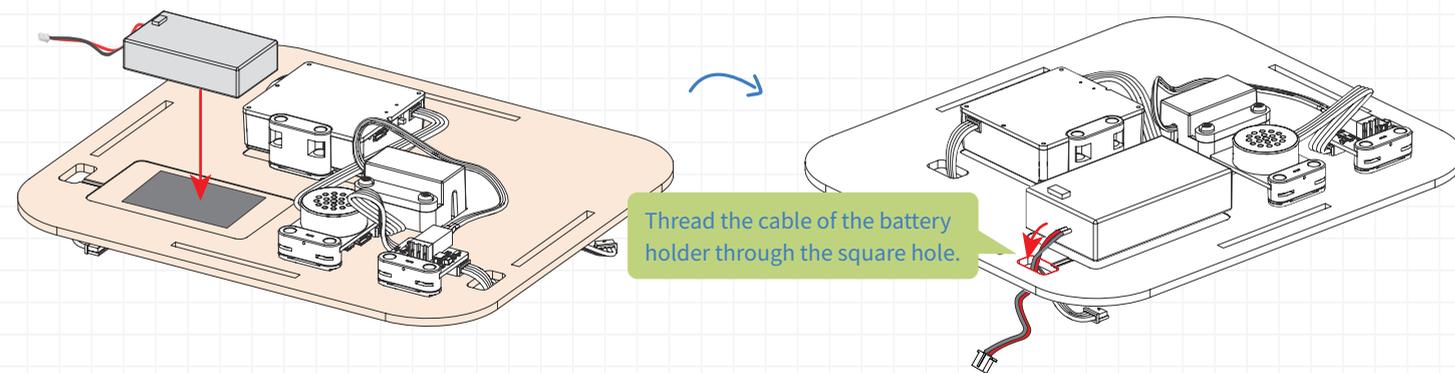
14 Place batteries in the holder.



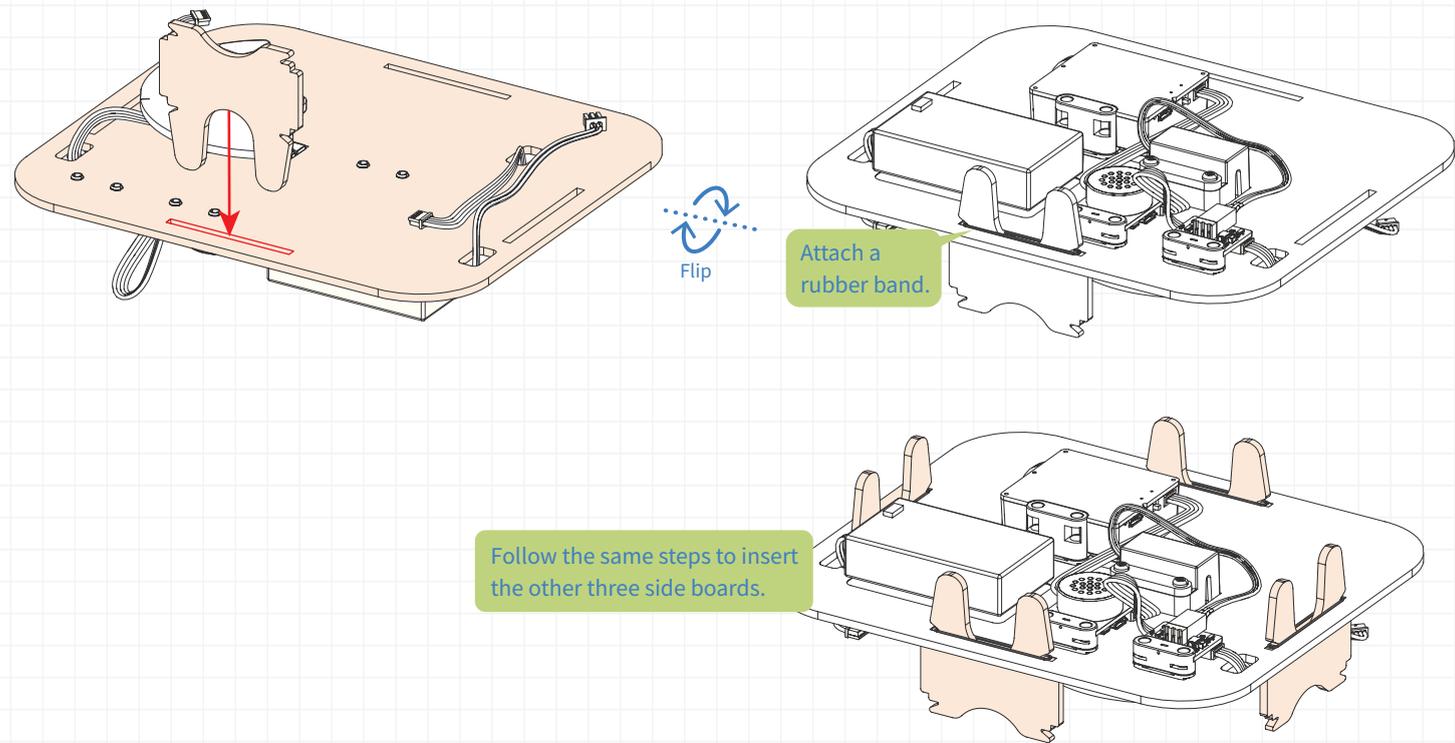
15 Take out a hook-and-loop fastener and attach its two sides to the battery holder and wood board.



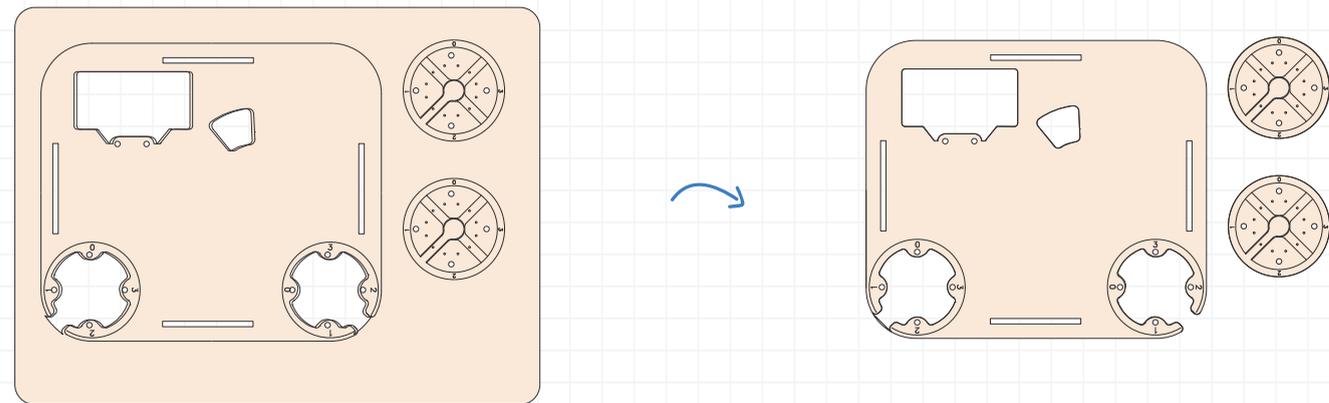
16 Attach the battery holder to the wood board.



17 Slot in side boards.



18 Remove these wood boards from the sheet.

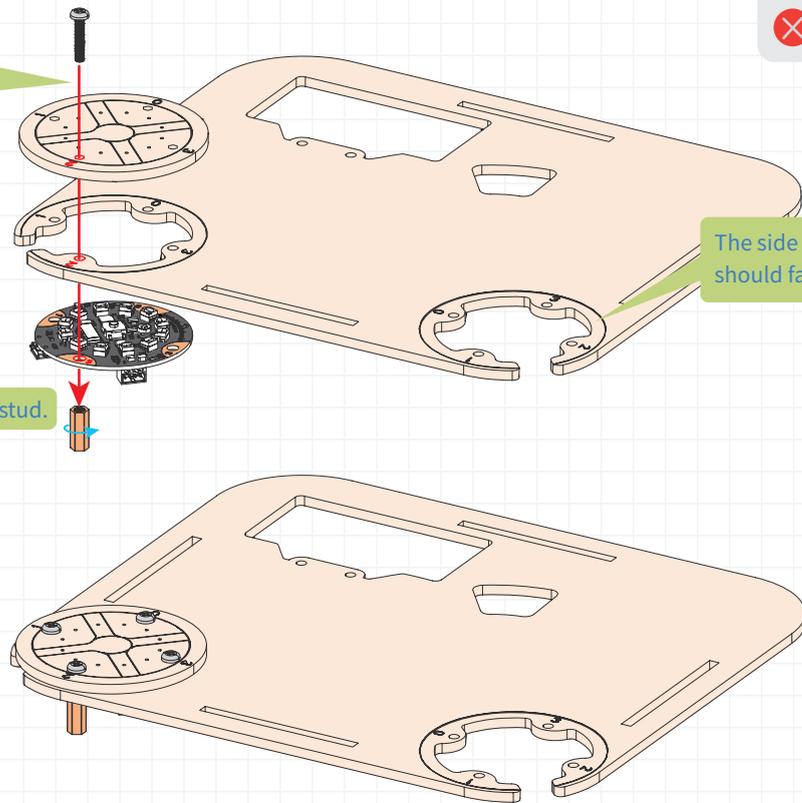


19 Install Halocode.

Push the screw through the hole 2 on the disc, hole 2 on the wood board, Touchpad 2 of Halocode, and the stud.

Tighten the stud.

Follow the same steps to install the rest of the screws and studs.



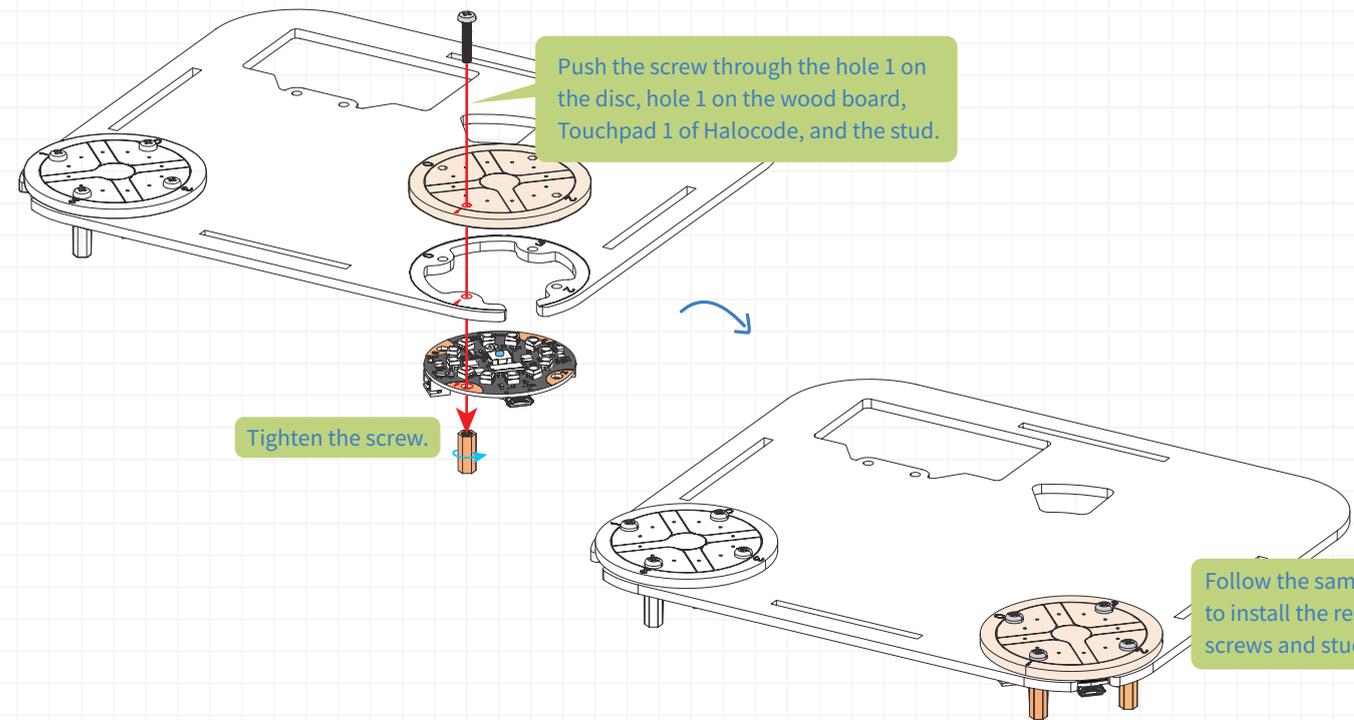
1:1	
✓	M3 *14mm
✗	M3 *20mm

20 Install another Halocode.

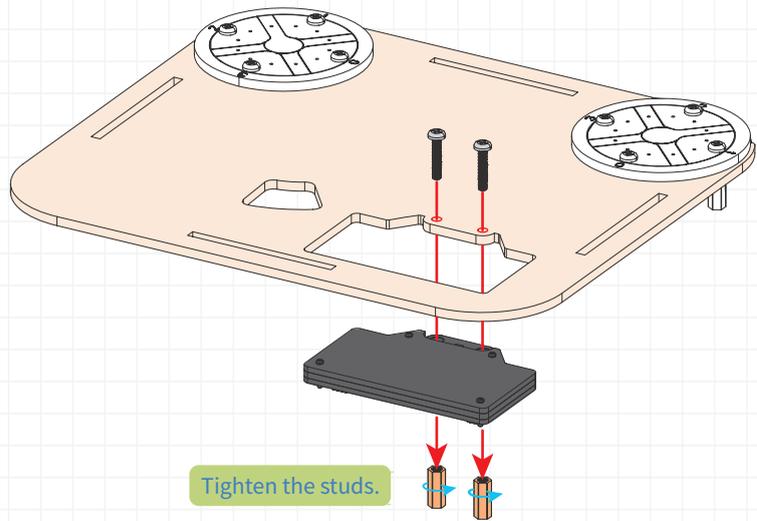
Push the screw through the hole 1 on the disc, hole 1 on the wood board, Touchpad 1 of Halocode, and the stud.

Tighten the screw.

Follow the same steps to install the rest of the screws and studs.

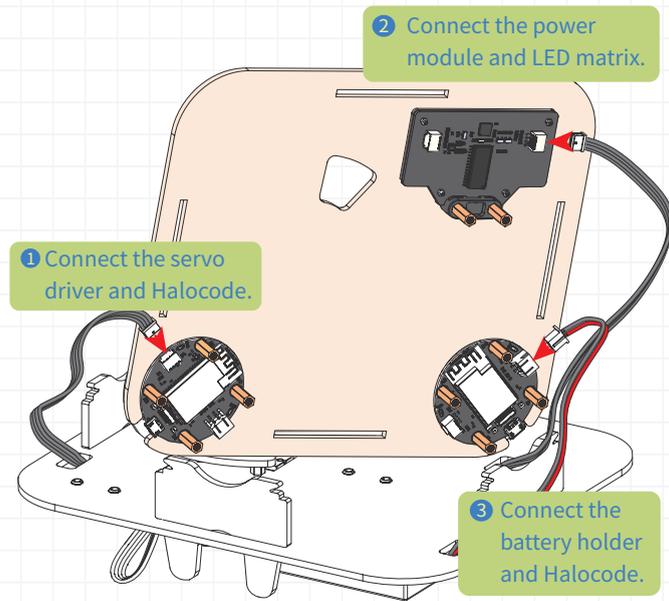


21 Install the LED matrix.

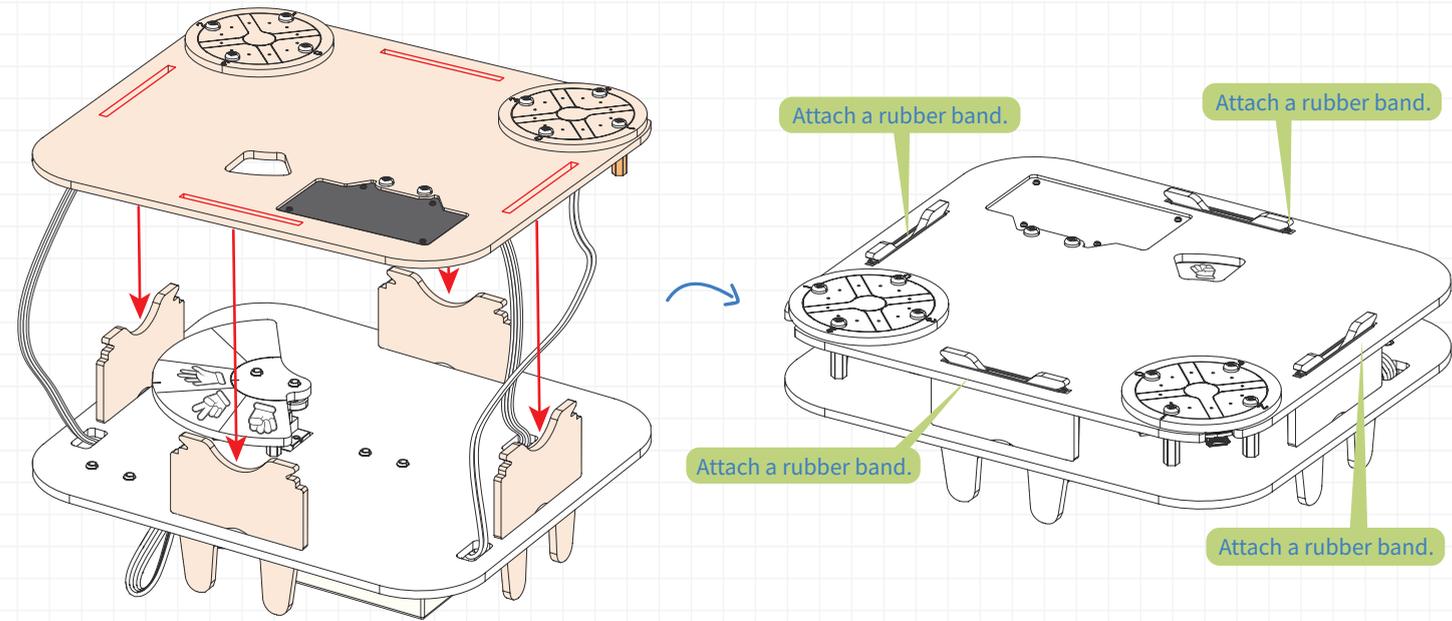


1:1		
✓		M3 *14mm
✗		M3 *20mm

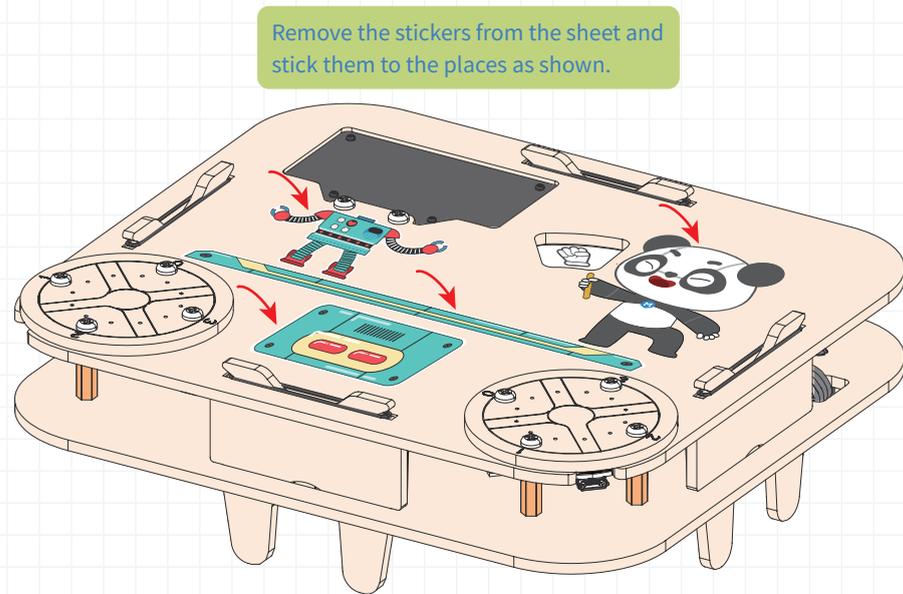
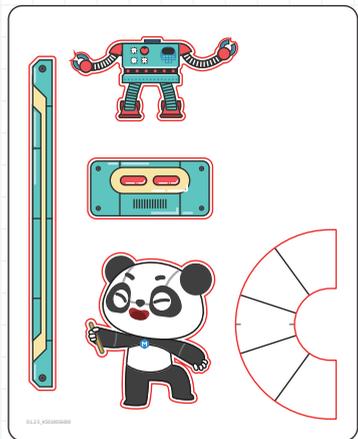
22 Connect the modules.



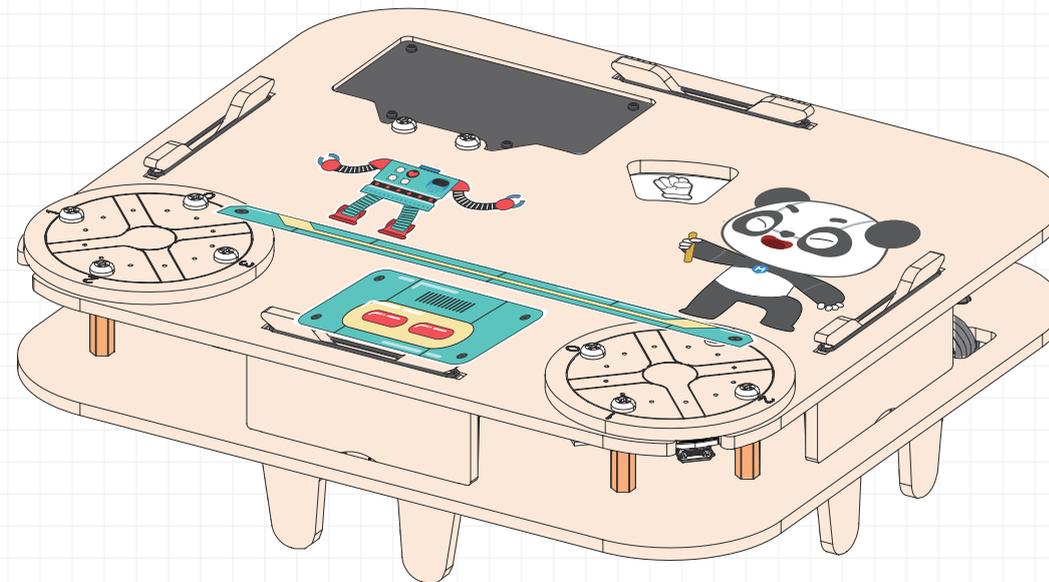
23 Assemble the gamepad.



24 Apply stickers.



25 Nice! The super gamepad is ready!



26 Now, return to mBlock on your PC or iPad and program your project.

