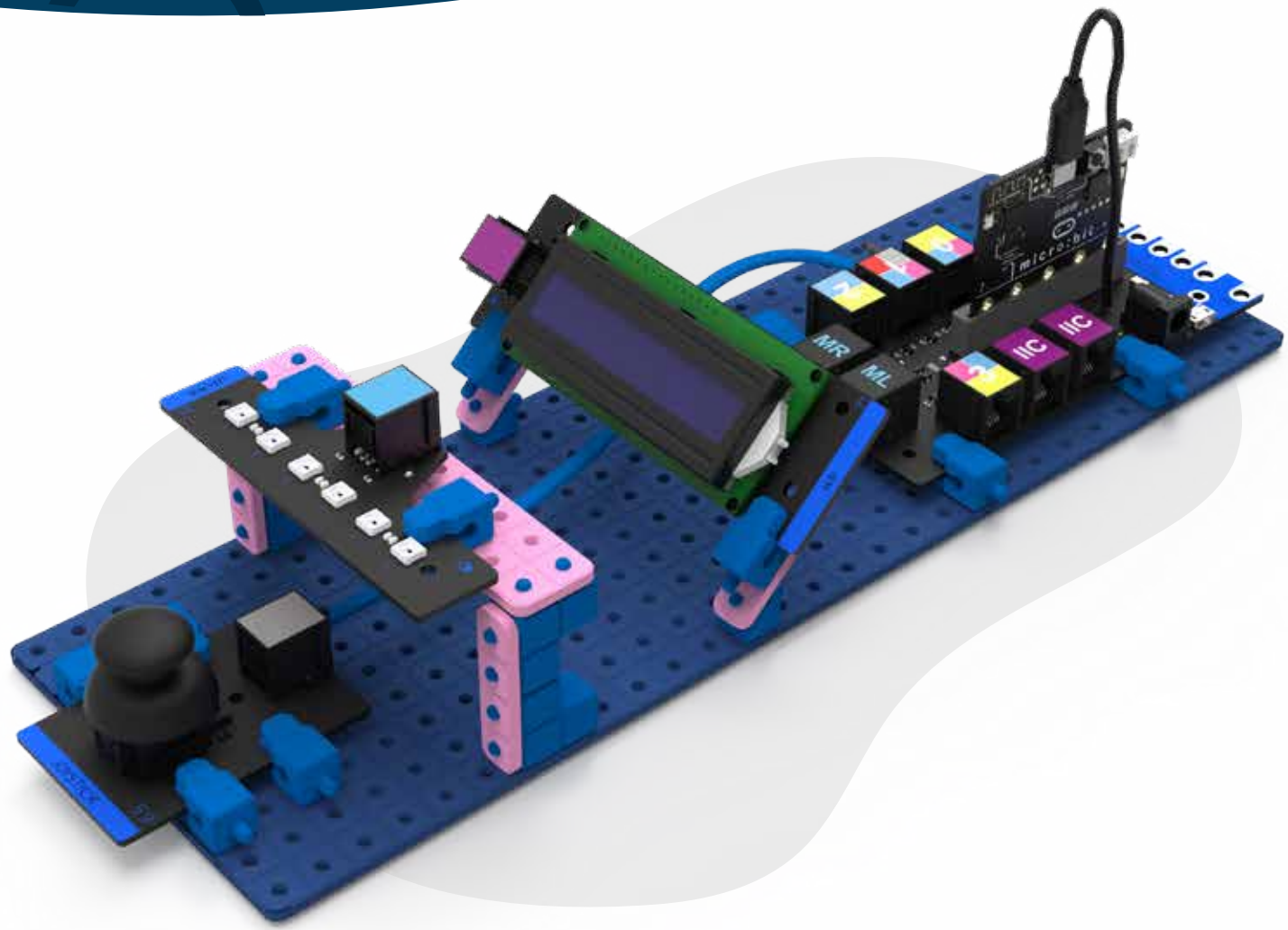
Assembly sequence:

MENTAL AGILITY



START NOW →

FIFA Foundation

→ MENTAL AGILITY

ASSEMBLY PIECES



(x1)
Controller Board



(x1)
MicroBit Board



1. Insert the micro board into the controller board.



2. Connect the USB cable from the controller board to the micro board.

ASSEMBLY PIECES



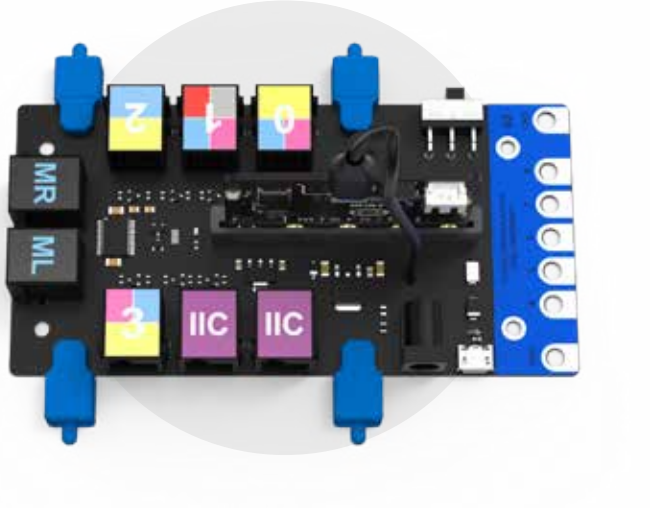
(x1)
Control Board



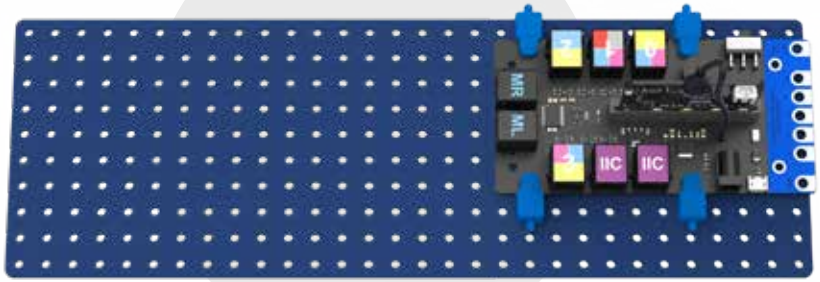
(x4)
Insert Boards



(x1)
Board No. 14



3. Insert the boardbrackets into the controller. There should be 2 on each side to ensure a secure fit.



4. Attach the controller board to the P14 board.

ASSEMBLY PIECES



(x1) Controller Board



(x1) Joystick Module



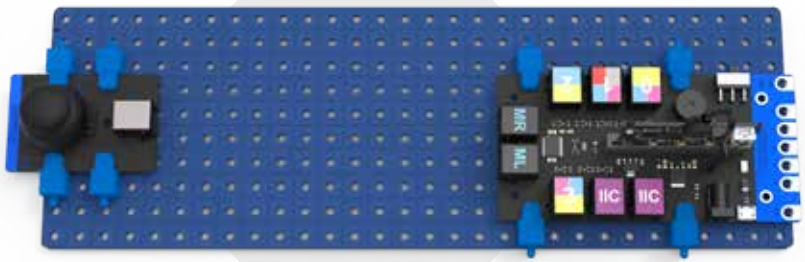
(x8) Insert Boards



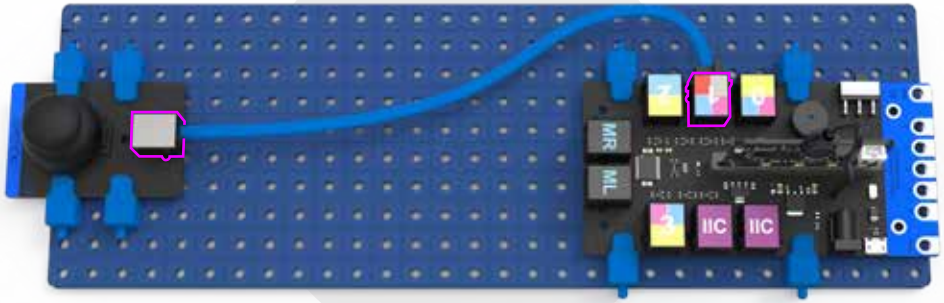
(x1) Board No. 14



5. Attach the Board Brackets to the joystick module, two on each side to ensure a secure fit.



6. Attach the joystick module to the P14 board.



7. Connect the joystick module to port 1 on the controller board via cable.

ASSEMBLY PIECES



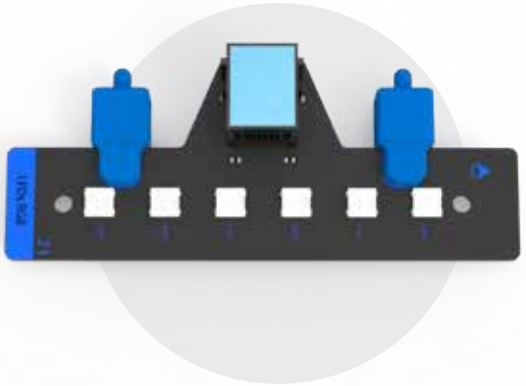
(x1)
RGB
LEDs



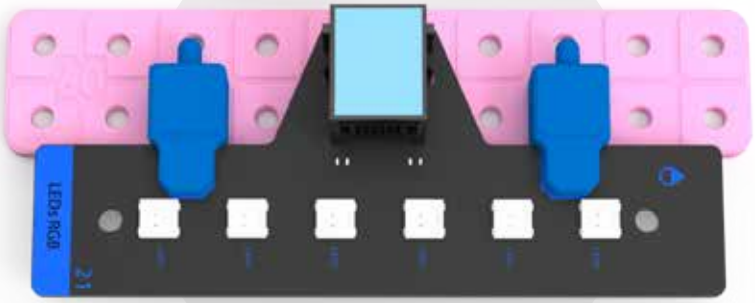
(x1)
Board
No. 9



(x2)
Insert
Boards



8. Attach the Board Brackets to
the RGB LED module, two on the same side.



9. Attach the RGB LED module to the P09 board.

ASSEMBLY PIECES

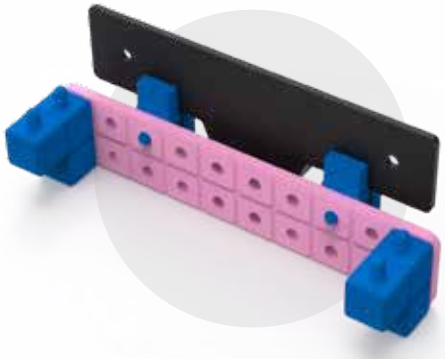

(x1) RGB LEDs


(x1) Board No. 9

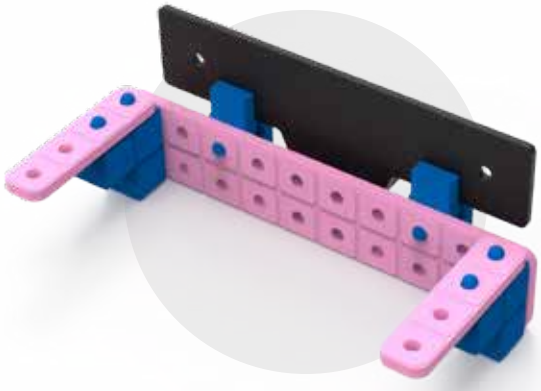

(x2) Board No. 3


(x2) Insert Boards

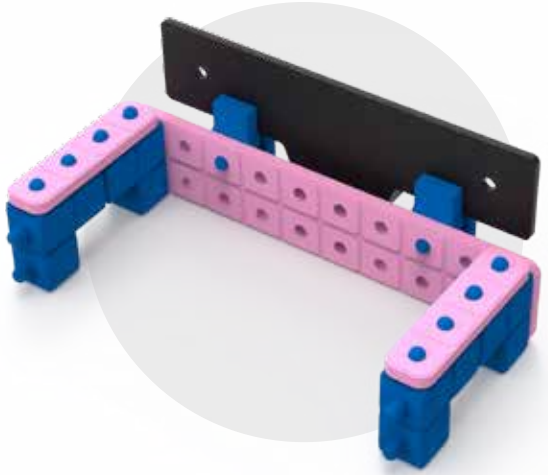

(x4) Insert at 90°L



10. Add two L-shaped Brackets to both ends of the P09 board.



11. Attach a P03 board to each of the L-shaped Brackets, oriented upwards.



12. Add two more L-shaped Brackets to the P03 boards, oriented to face the others.

ASSEMBLY PIECES


(x1) Controller Board


(x1) Joystick Module


(x1) Board No. 9

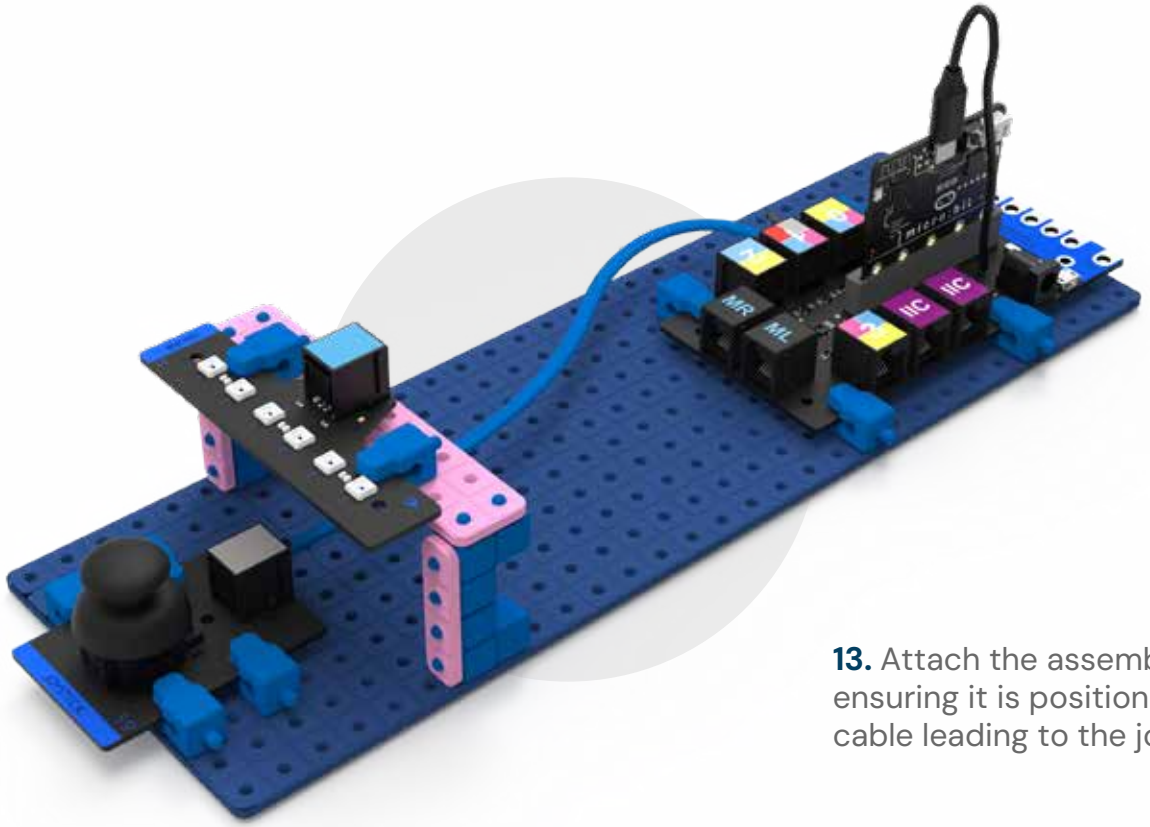

(x10) Insert Boards


(x1) RGB LEDs


(x2) Board No. 3


(x4) Insert at 90°L


(x1) Board No. 14



13. Attach the assembly to P14 board, ensuring it is positioned above the cable leading to the joystick module.

ASSEMBLY PIECES



(x1)
LCD
Display



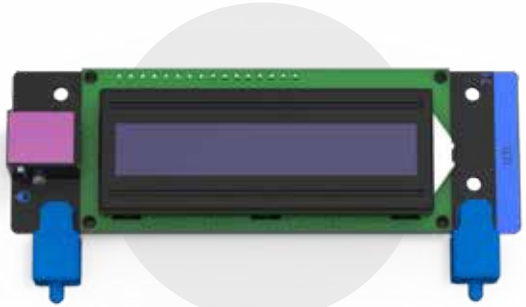
(x2)
Board
No. 2



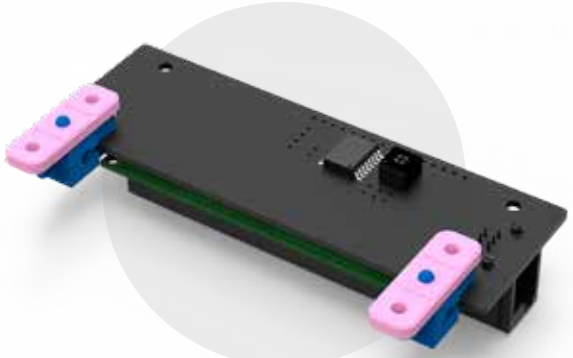
(x2)
Insert
Boards



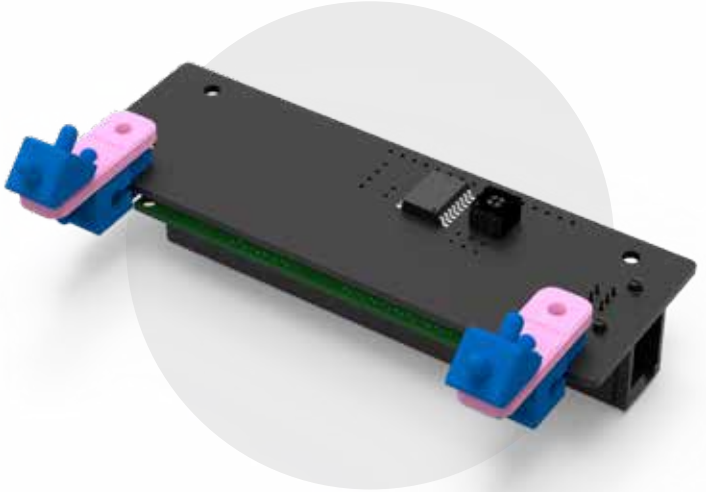
(x2)
Insert
at 45°



14. Attach the Board Brackets to the LCD display module, two on the same side to ensure a secure fit.



15. Add two P02 boards to the LCD display module.



16. Attach two 45° Brackets to the bottom ends of the P02 boards.

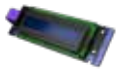
ASSEMBLY PIECES


(x1) Controller Board


(x1) Joystick Module


(x1) Board No. 9


(x10) Insert Boards


(x1) LCD Display


(x2) Board No. 3

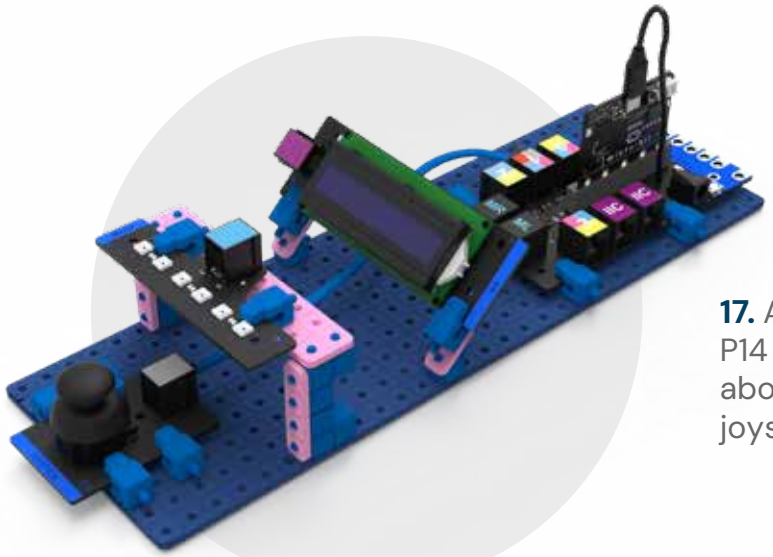

(x4) Insert at 90°L


(x1) Board No. 14

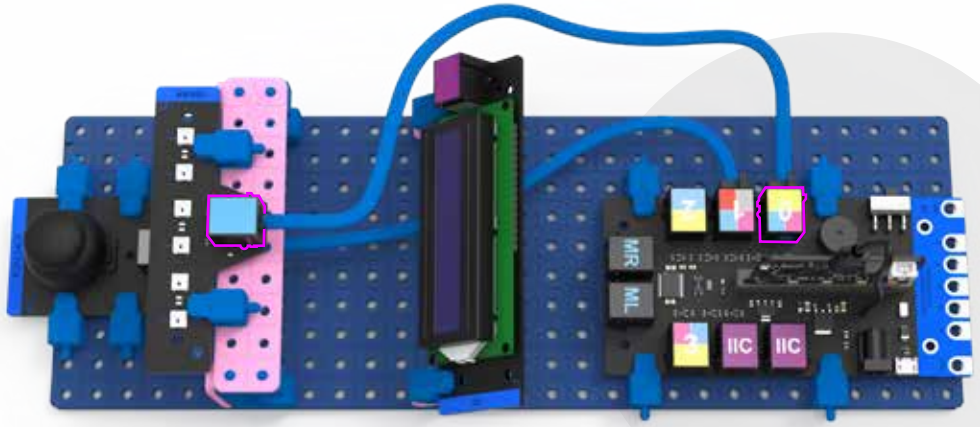

(x2) Board No. 2


(x2) Insert at 45°


(x1) RGB LEDs



17. Attach the new assembly to P14 board, ensuring it is positioned above the cable leading to the joystick module.



18. Connect the RGB LED module to port 0 on the controller board via cable.

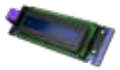
ASSEMBLY PIECES


(x1) Controller Board


(x1) Joystick Module


(x1) Board No. 9


(x10) Insert Boards


(x1) LCD Display


(x2) Board No. 3

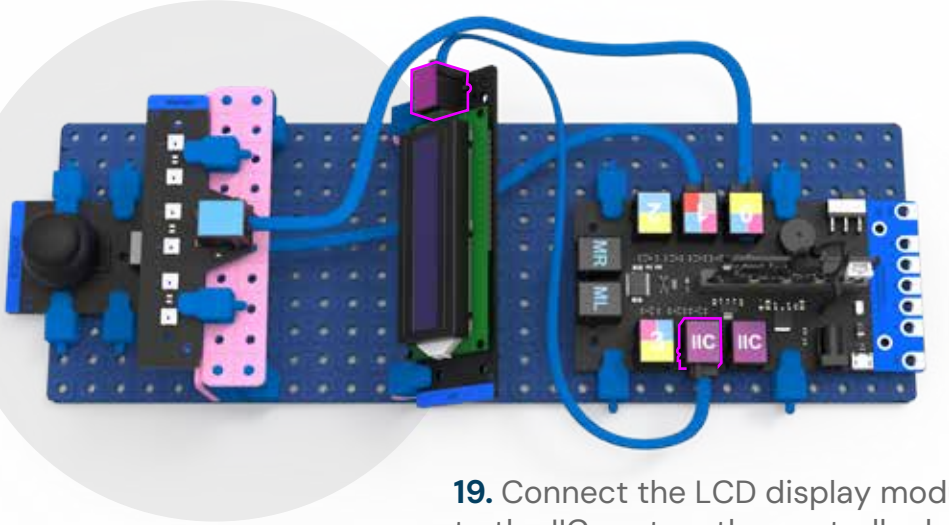

(x4) Insert at 90°L


(x1) Board No. 14

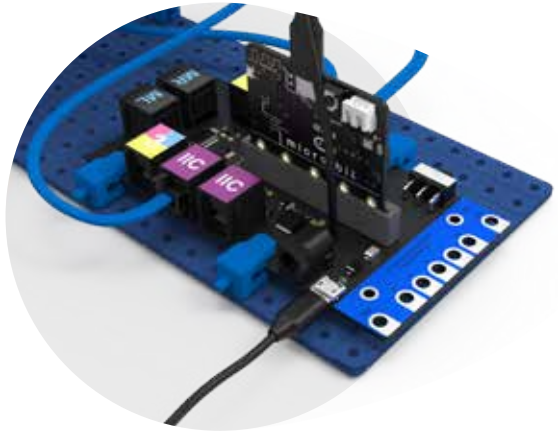

(x2) Board No. 2


(x2) Insert at 45°


(x1) RGB LEDs



19. Connect the LCD display module to the IIC port on the controller board via cable.



20. Connect the USB-C cable to the controller board

¡AND IT'S READY TO BE PROGRAMMED!