PIPER

Mission:
Piper Make Base Station

SIDE A
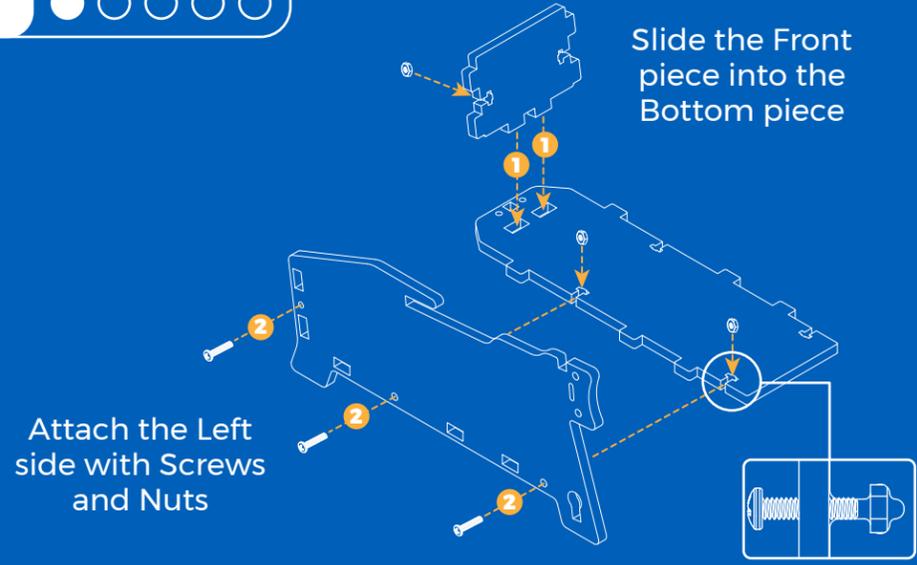### Assembly
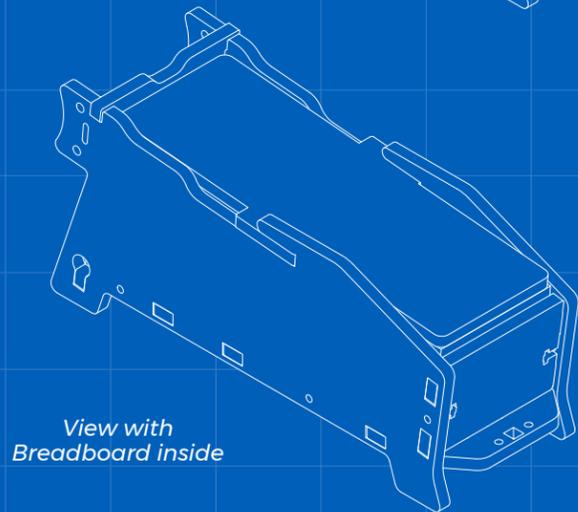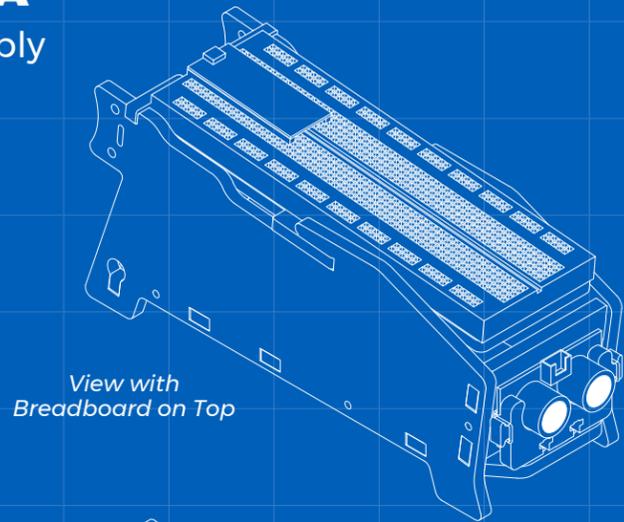
View with Breadboard on Top

View with Breadboard inside

INVENTORY

1	Back	**1**	Lid with Breadboard
1	Front	**2**	Sensor Holder
1	Bottom	**8**	#4-40 Screws
2	Sides	**8**	Hex Nuts
1	O-Ring		

1 ●○○○○○

Slide the Front piece into the Bottom piece

Attach the Left side with Screws and Nuts

2 ●●○○○○

Slide the Back piece into the notch and keyhole

3 ●●●○○○

Attach the Right side with Screws and Nuts

4 ●●●●○○

Slide Lid into notches

!

Back piece needs to be open to slide the lid in and out

5 ●●●●●●

Use O-Ring to attach Range Finder to Holder

Attach to the front of your Base Station with Screws and Nuts

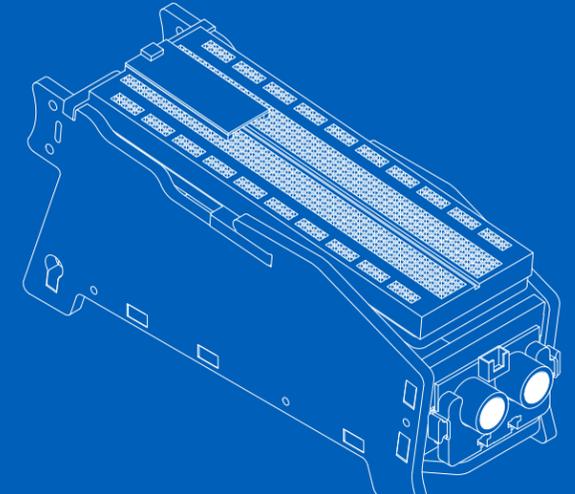## ASSEMBLY COMPLETE!

Head to Piper Make to continue your mission

make.playpiper.com →
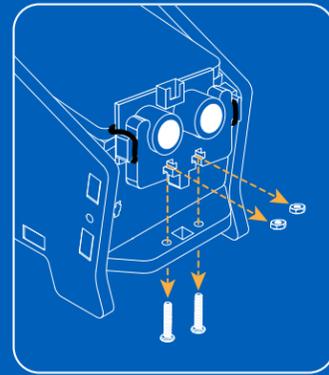
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Mission:
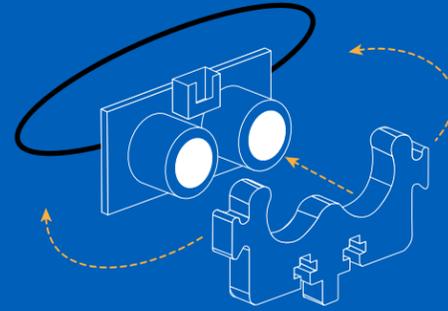## Piper Make Base Station

SIDE B
Disassembly
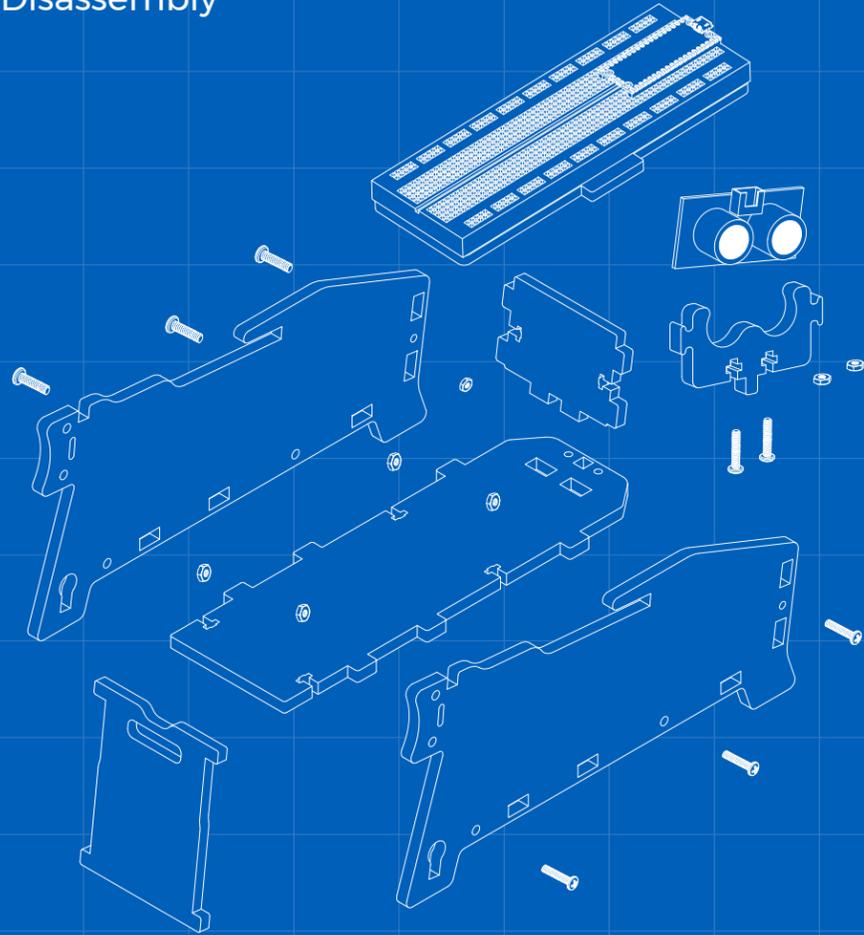
INVENTORY

1 Back	**1** Lid with Breadboard
1 Front	**2** Sensor Holder
1 Bottom	**8** #4-40 Screws
2 Sides	**8** Hex Nuts
1 O-Ring	

1 ○○○○○

Remove O-Ring to detach Range Finder from Holder

Dettach the Range Finder by removing Screws and Nuts

Place each item on its spot on the Components sheet

2 ●●○○○○

Slide Lid out of notches

!
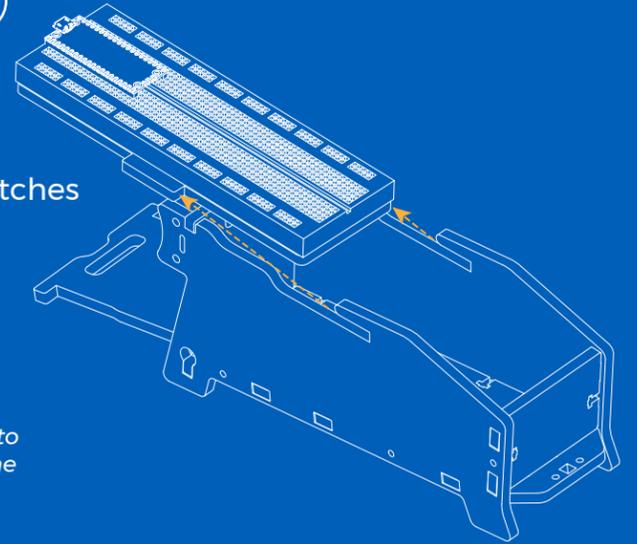
Back piece needs to be open to slide the lid in and out

3 ●●●○○

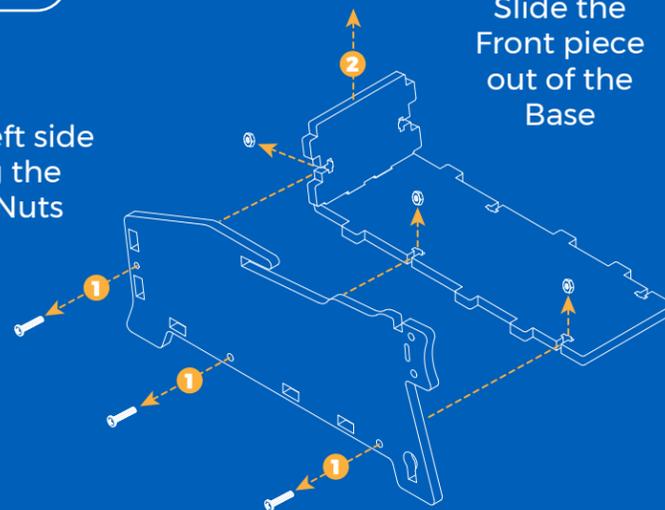Dettach the Right side by removing the Screws and Nuts

4 ●●●●○
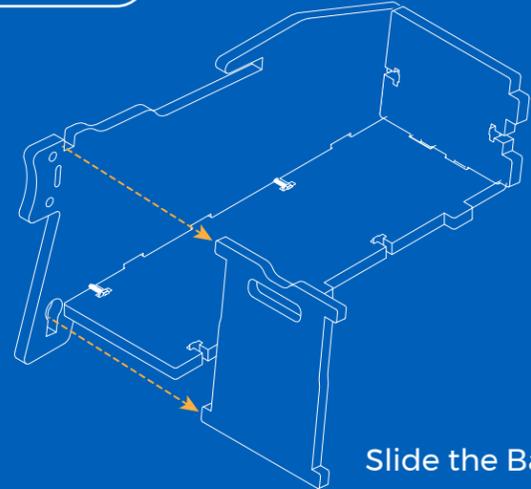
Slide the Back piece off

5 ●●●●●

Dettach the Left side by removing the Screws and Nuts

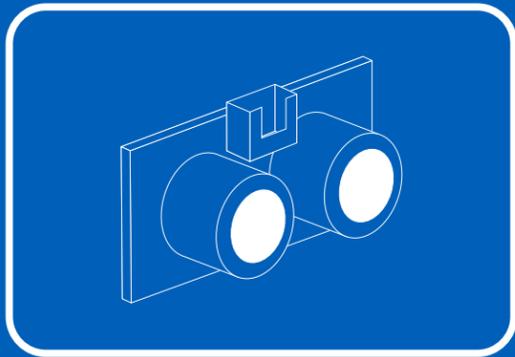Slide the Front piece out of the Base

DISASSEMBLY COMPLETE!

If not already done, place each piece on its spot in the Componets sheet
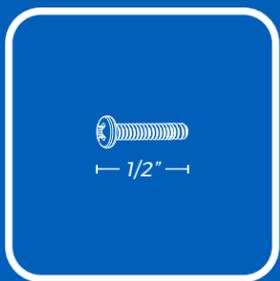
Mission:

Piper Make
Base Station

Components Sheet
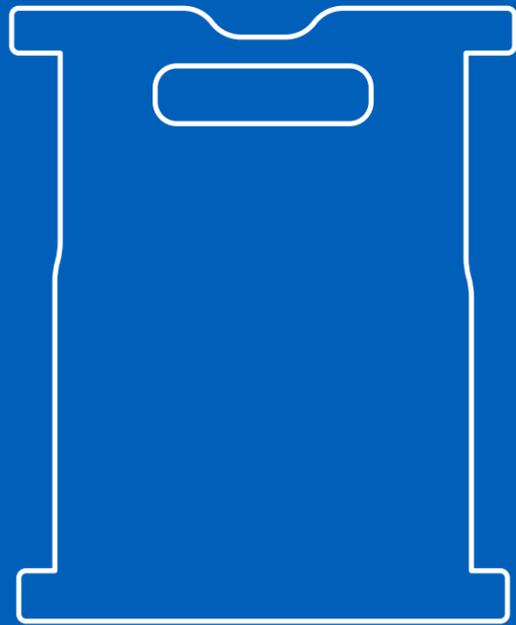
Gather and organize
your supplies

O-Ring x 1

Back x 1
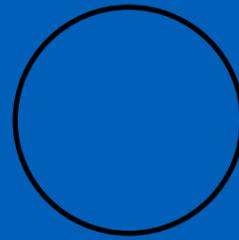
MAKE.PLAYPIPER.COM

Lid with Breadboard x 1

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Sides x 2

Ultrasonic Range Finder x 1

Front x 1

1/2"

#4-40 Screw x 8

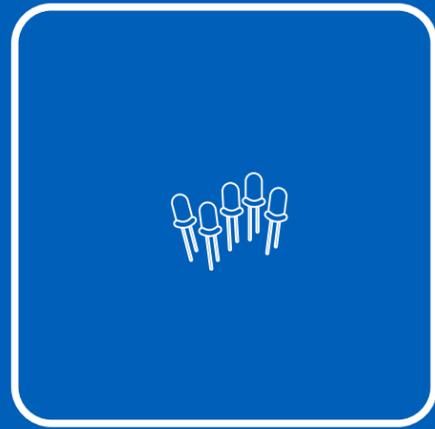#4-40 Nut x 8
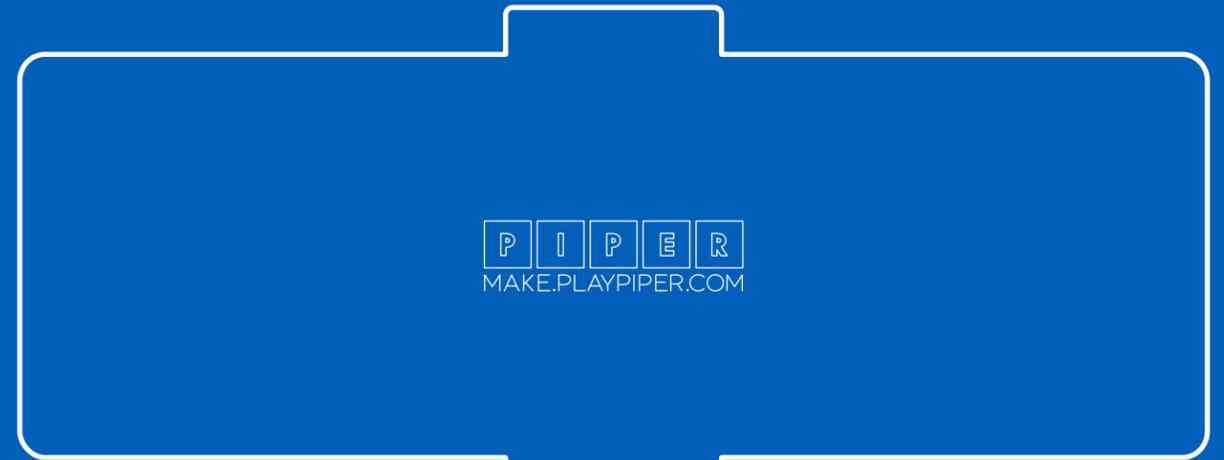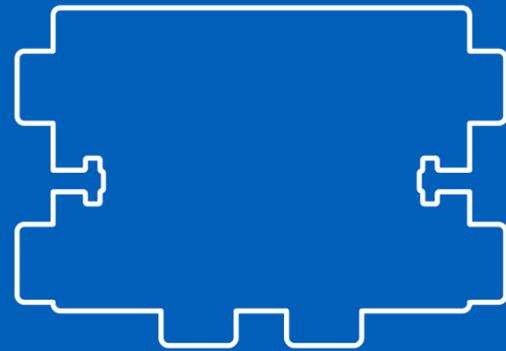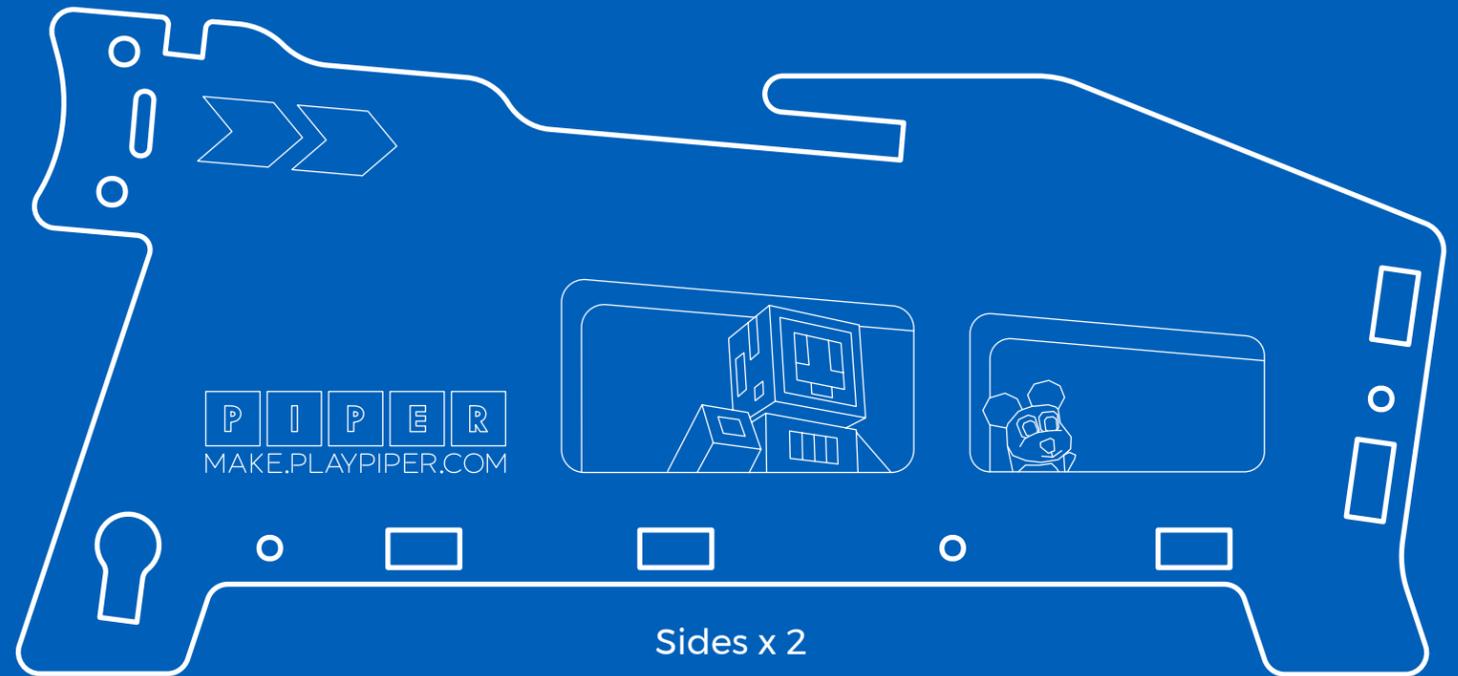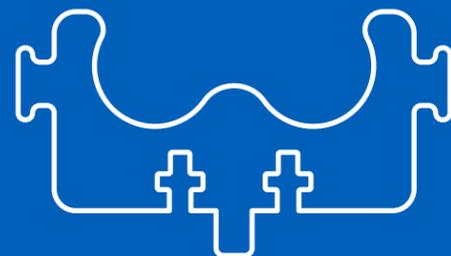
Range Finder
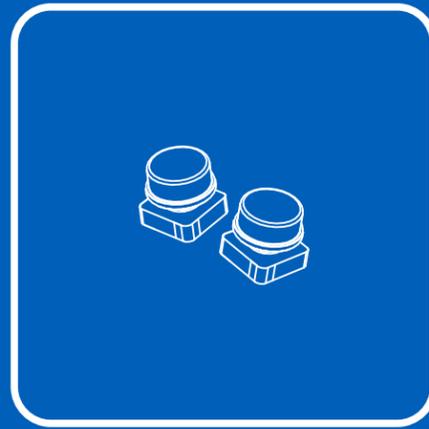Holder x 1
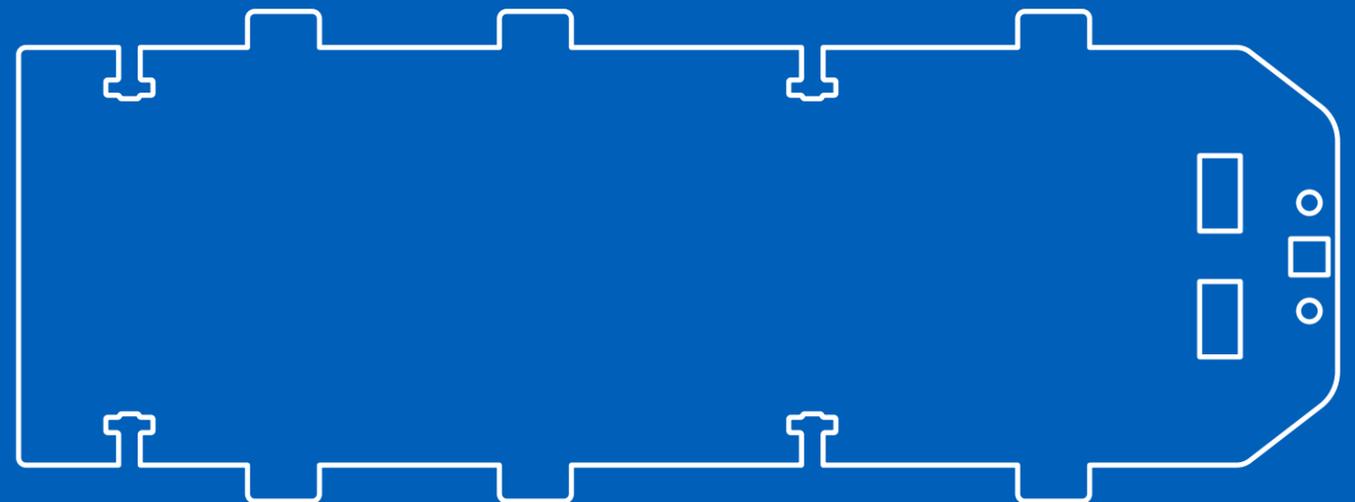
Bottom x 1

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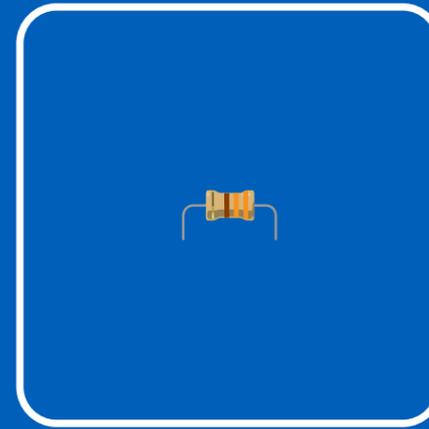# Mission:

Piper Make
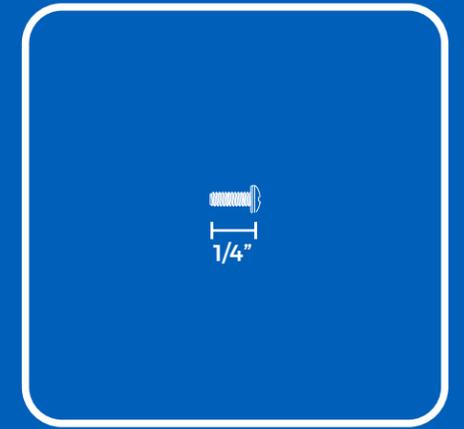## Starter Supplies

Components Sheet
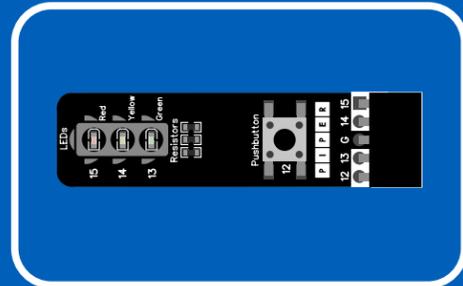
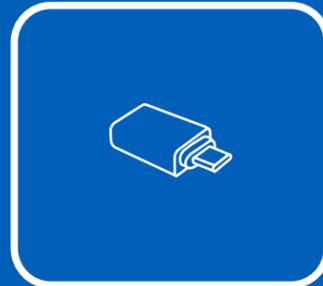Gather and organize
your supplies
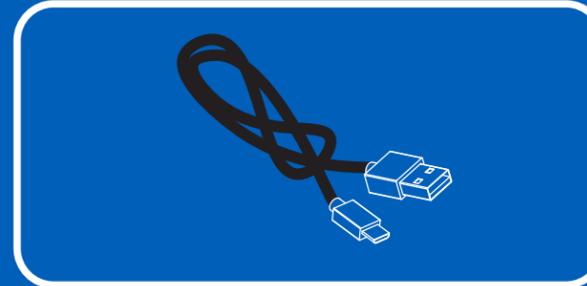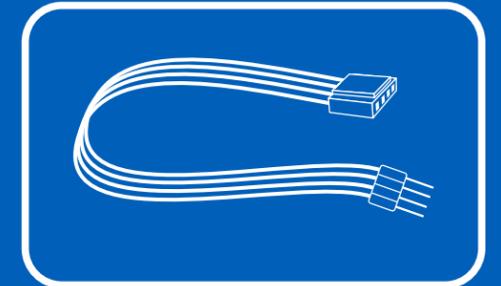
LEDs

Buttons

Resistors

#4-40 Screws x 4

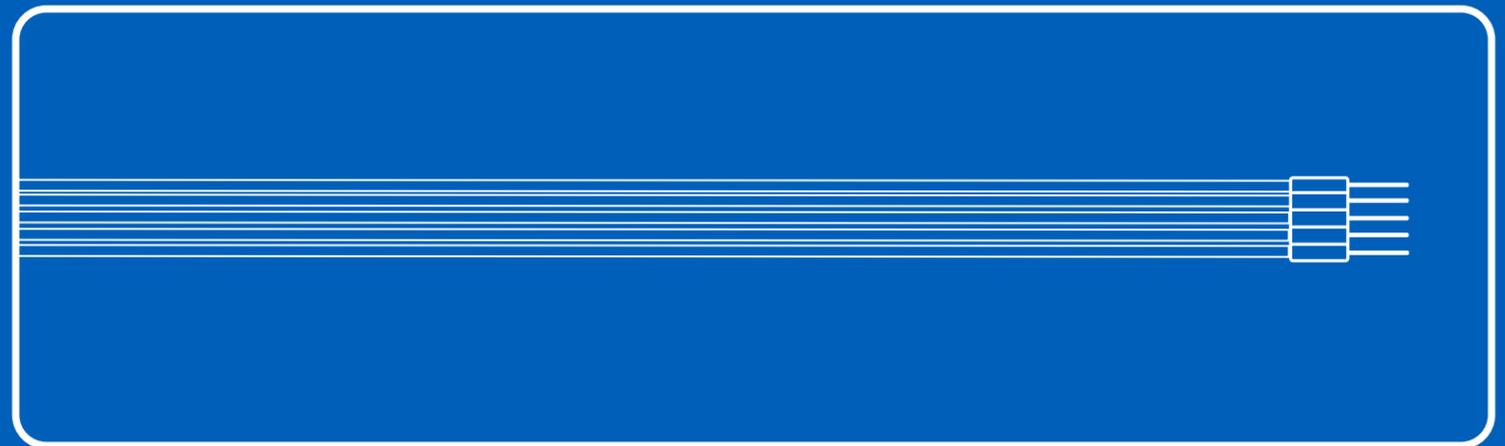PCBA, Traffic Light x 1

USB-A to USB-C
Adapter x 1

Mirco USB to USB-A Cable x 1

Grove to Male Cable x 1

Bar Graph LED x 1

Jumper Wires