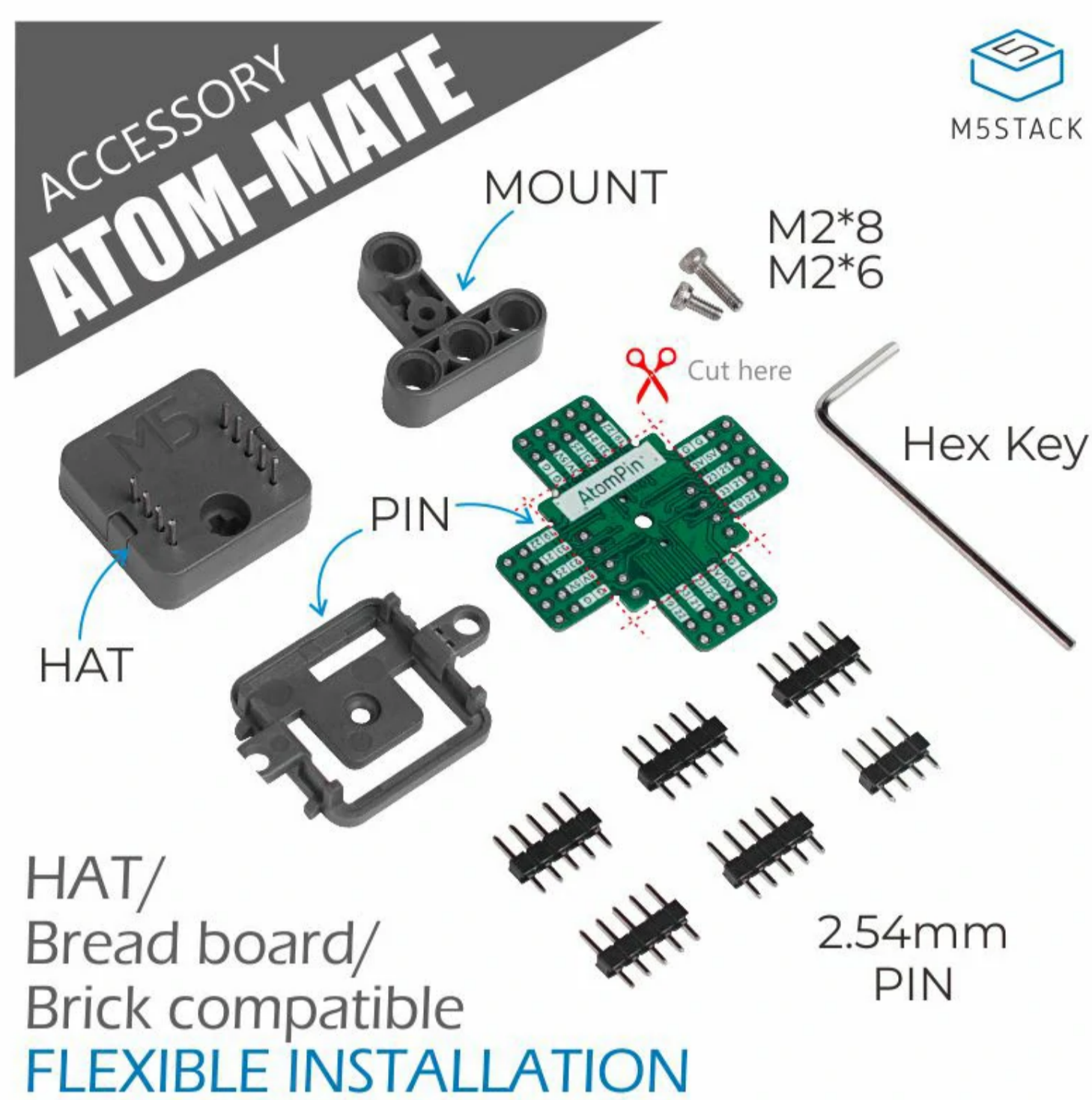


ATOM MATE

SKU:A086



Description

ATOM MATE is a DIY expansion kit specially designed for the M5ATOM family. The kit contains 3 kinds of accessories. AtomPin is a pin adapter board that can expand the bottom pins of the M5Atom from all sides, making it easier to build circuits on the breadboard. With a special bracket, you can easily attach M5Atom without affecting the use of the pins. AtomHat is an adapter board for adapting the M5StickC Hat series of products for use with the M5Atom. If you already have some HAT accessories, you can directly use the AtomHat adapter to reuse them with M5Atom. There is a cross shaped hole on the bottom which can be connected to Lego, allowing for easy mounting onto Lego projects.

Notice

Please check the Hat pins before using AtomHat, you may need to modify the program pin number, when using PIR HAT with AtomHat, it is necessary to set the 33 pin as an internal pull-up

Product Features

- Compatible with Atom Matrix/Atom Lite
- Multiple DIY methods
- Flexible installation
- Adapt to HAT/bread board

Include

- 1x AtomPin frame
- 1x AtomPin board
- 1x AtomHat
- 1x AtomMount
- 5x 5Pin
- 1x 4Pin
- 1x M2*6 Hexagon socket cup head machine screw
- 1x M2*8 Hexagon socket cup head machine screw

Applications

- Experimental circuit construction
- Use with building blocks
- HAT transfer

Specification

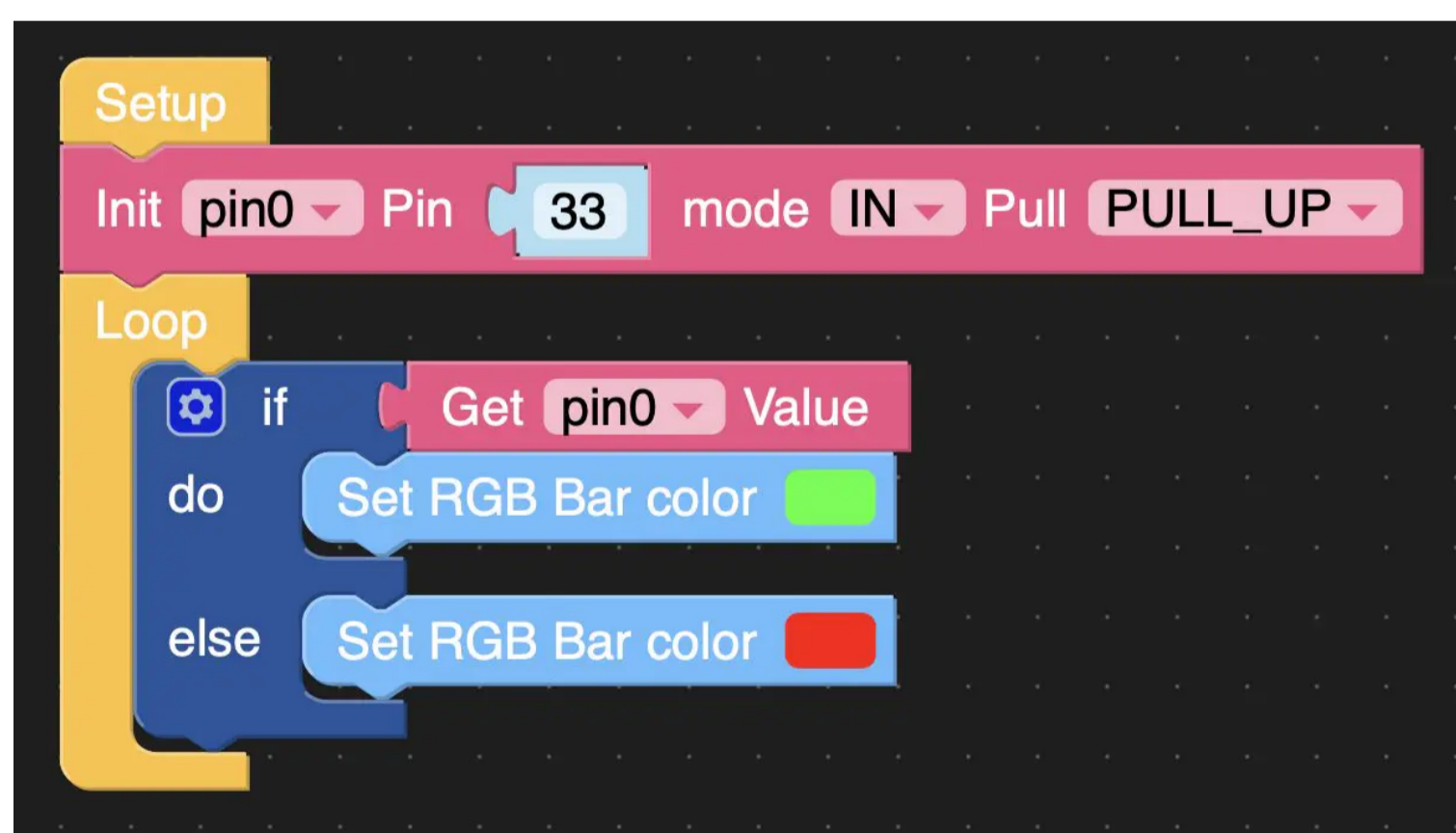
Specification	Parameter
Net weight	11g
Gross weight	22g
Product Size	AtomHAT:24*24*8mm AtomMount:24*24*8mm AtomPin:24*38*8mm
Package dimensions	50*50*21mm
Case material	Plastic (PC)

PinMap

HAT	GND	5V	G26	G36	G0	3V3
ATOM HAT	GND	5V	G22	G33	G19	3V3

Example

Use with PIR HAT to control LED



Related Link

- [PcbDoc](#)
 - [AtomPin](#)

Video
