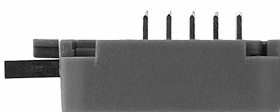
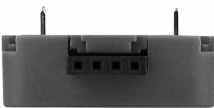
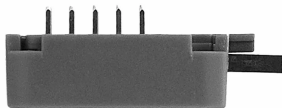


Atomic ToUnit Base

SKU:A161





Description

Atomic ToUnit Base is an interface adapter board designed specifically for the Atom series controllers. It conveniently converts the Atom controller's bottom expansion I/O into a male HY2.0-4P connector, allowing direct connection to M5Stack Unit series devices. The adapter board is equipped with a DIP switch for flexible configuration of the Atom bottom I/O connections. With this adapter, users can achieve seamless expansion and interconnection between Atom and Unit series devices, enabling more diverse application scenarios.

Features

- Atom controller bottom I/O expansion for Unit devices
- Built-in DIP switch for flexible IO pin configuration

Includes

- 1 x Atomic ToUnit Base
- 1 x Hex Key L-Shape 1.5mm (For M2 Screw)
- 1 x M2 * 10mm Screw (pan head, self-tapping)
- 1 x DIP Switch Label Sticker

Applications

- Atom series controller Unit interface adapter board

Specifications

Specification	Parameter
Product Size	30.2 x 24.0 x 13.1mm
Product Weight	4.6g
Package Size	138.0 x 93.0 x 13.0mm
Gross Weight	7.8g

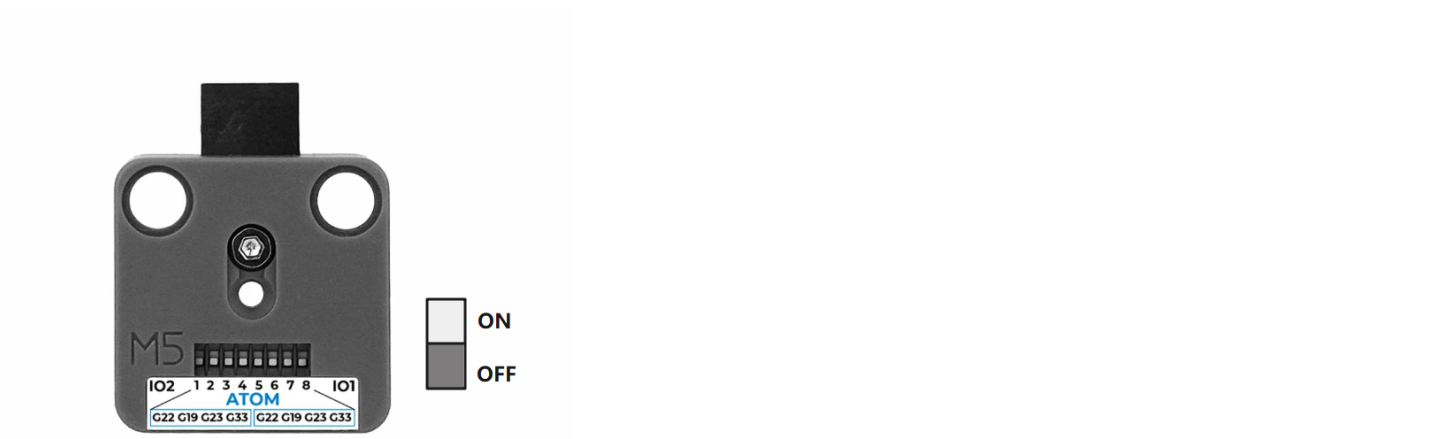
Learn

Device Connection Diagram



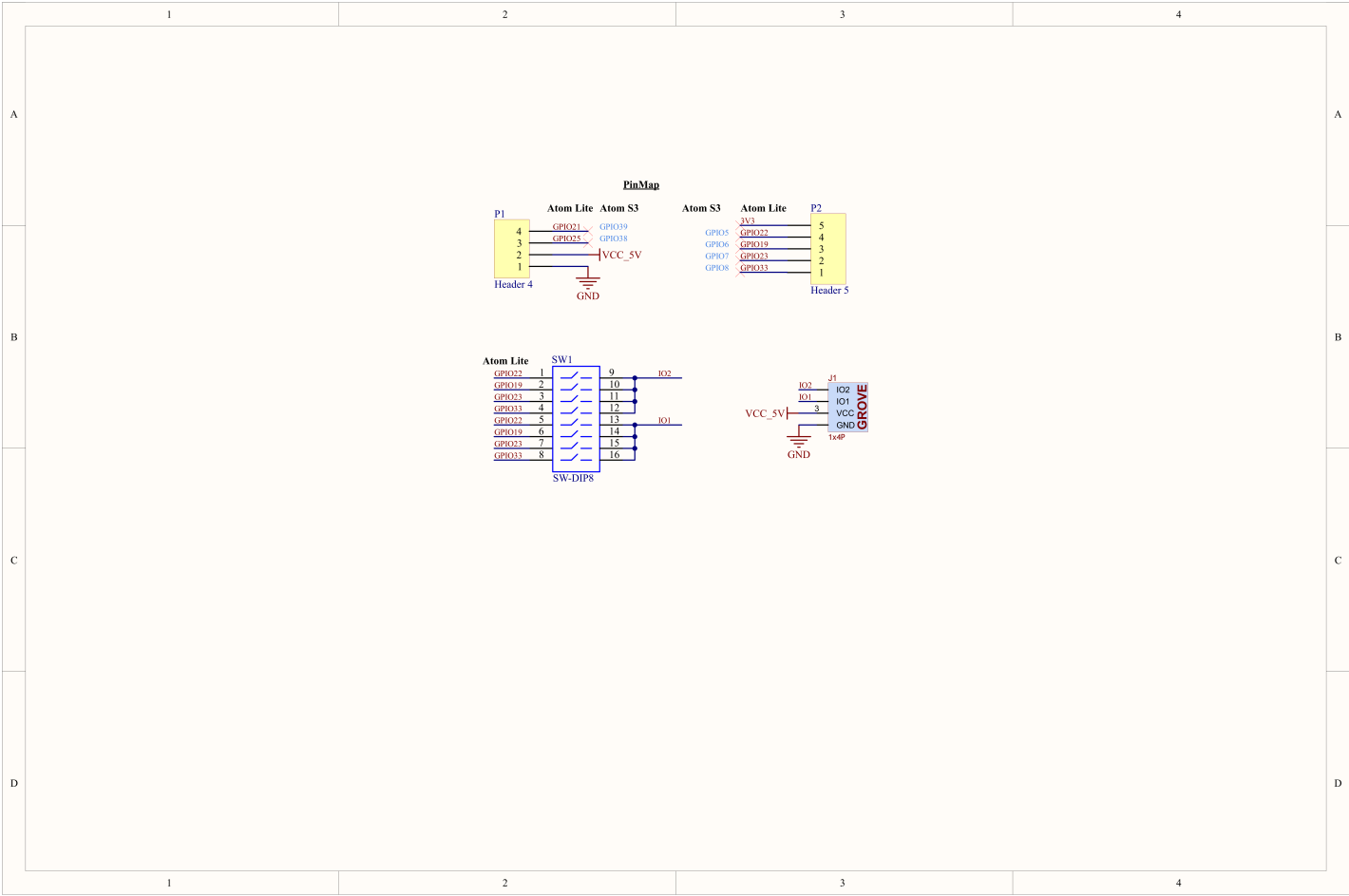
DIP Switch Pin Description

1. Toggle the DIP Switch pin switch to the lower position to disable it, and toggle it to the upper position to enable it.
2. Only one group can be enabled per pin. It is forbidden to enable the same pin repeatedly across different groups such as IO1 and IO2 (example: after enabling G22 on the IO2 side, G22 must not be enabled again on the IO1 side), otherwise the device will not operate properly.



Schematics

- Atomic ToUnit Base Schematics PDF



PinMap

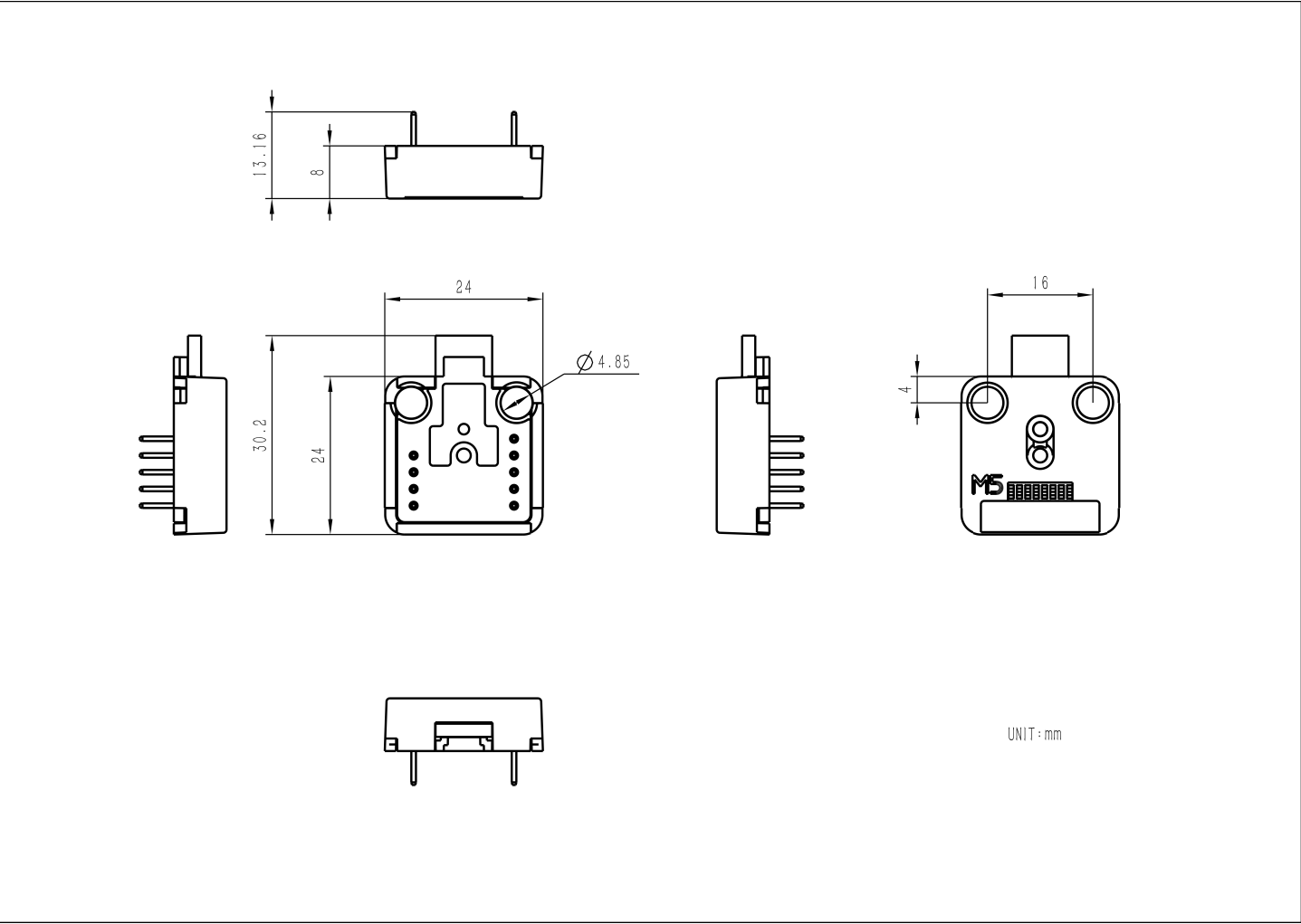
PIN	LEFT	RIGHT	PIN
		1	3V3
	2	3	IO1 / IO2
	4	5	IO1 / IO2
5V	6	7	IO1 / IO2
GND	8	9	IO1 / IO2

Expand Interface

HY2.0-4P	Black	Red	Yellow	White
Atomic ToUnit Base	GND	5V	IO1	IO2

Model Size

- Atomic ToUnit Base Model Size PDF



Video

- Atomic ToUnit Base Product Introduction and Function Demonstration

A161-Atomic-ToUnit-Base-video-EN.mp4