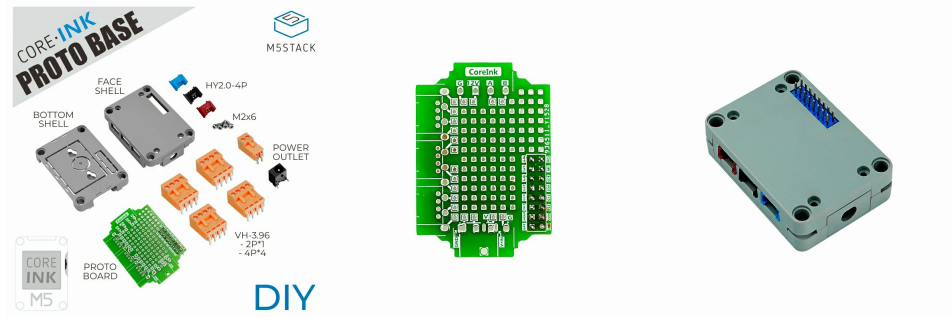


# CoreInk Proto Base

SKU:M037



## Description

**CoreInk Proto Base** is a DIY expansion kit suitable for CoreInk master control. When stacking the expansion board, the IO bus on the CoreInk main control will be led out to the PROTO board through the lower PIN pin. You can design and build the circuit according to your own needs. The package also contains a variety of expansion parts (HY2.0-4P female terminal, 3.96 male/female terminal, DC power terminal, etc.), which can be soldered to the PROTO board, which can add standard specifications to your circuit design. Output Interface. The hook hole on the back and the LEGO compatible hole design on the corners make it easy for you to embed the finished DIY product into a variety of structures.

## Product Features

- Compatible with CoreInk
- Prototype circuit design
- PROTO board

## Contains

- 1x CoreInk Proto Base (face shell + bottom shell)
- 1x Allen key
- 3x HY2.0-4P socket terminals (red x1, blue x1, black x1)
- 4x HT3.96R-4P pins
- 4x HT3.96R-4P socket
- 1x HT3.96R-2P pin
- 1x HT3.96R-2P socket
- 1x DC-044 socket terminal
- 4x M2\*6 cup head tapping screws
- 1x PROTO DIP header
- 3x port block

## Application

- Experimental circuit
- DIY function expansion

## Specifications

Specifications	Parameters
Net weight	34g
Gross weight	46g
Product size	56*40*16mm
Package size	83*54*26mm
Shell material	Plastic (PC)

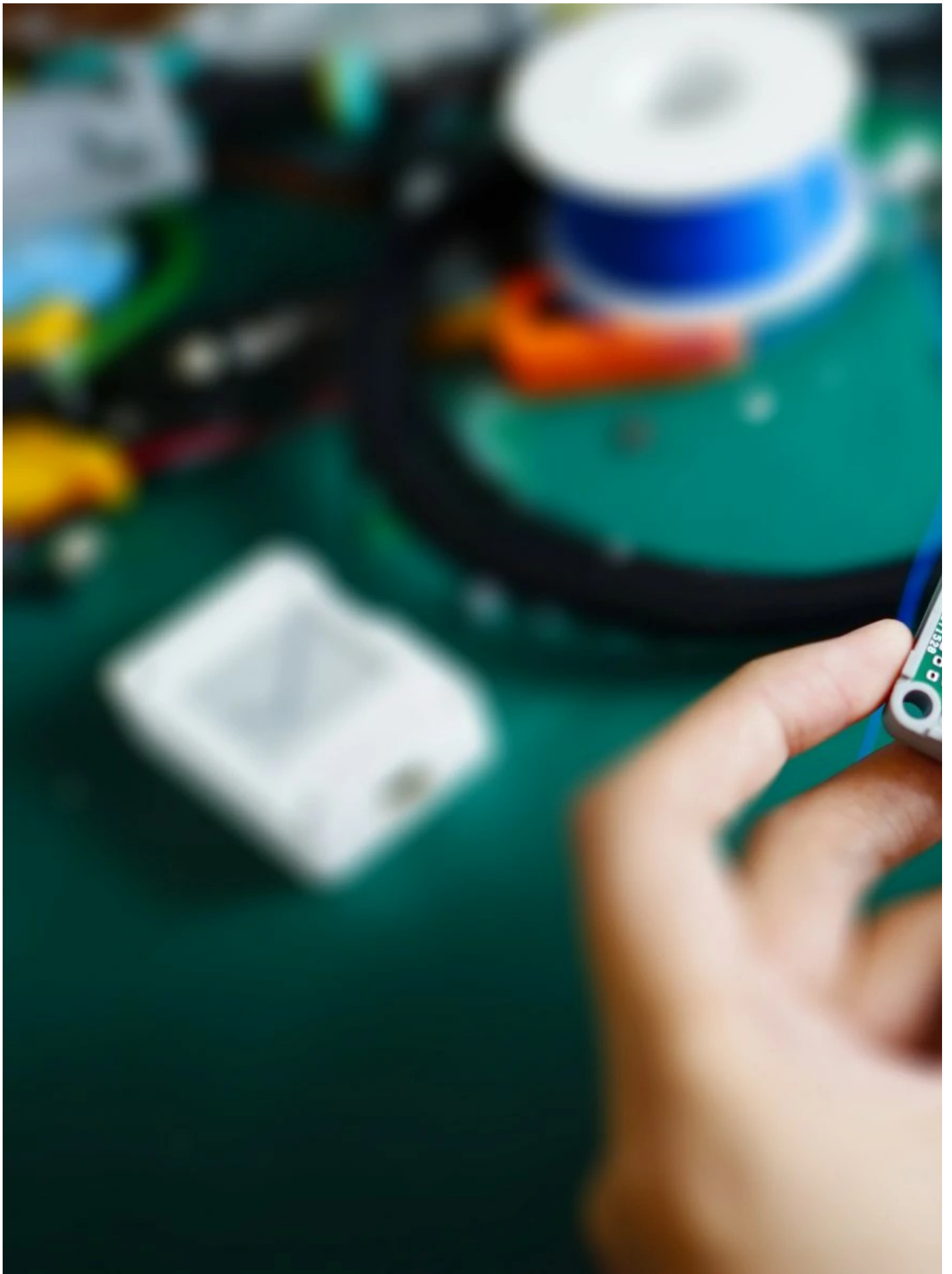
## Pin mapping

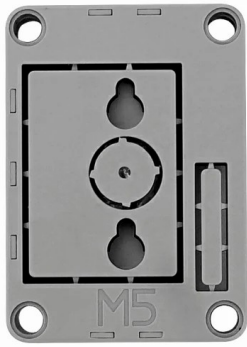
- The IO bus on the CoreInk main control will be led out to the PROTO board through the PIN pin

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CoreInk	GPIO	ADC	SCL	SDA	MOSI	MISO	SCK	TXD2	RXD2	GND	5V IN	5V OUT	3.3V	BAT	RST
CoreInk	G25,26	G36	G22	G21	G23</td>	G34	G18	G14	G13	GND	5V IN	5V OUT	3.3V	BAT	RST







## | Related Links

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

## | Video

Integrate 433MHz radio frequency module through CoreInk PROTO BASE welding to realize intelligent furniture control.