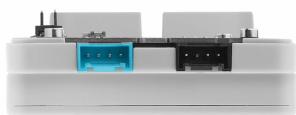


Faces Bottom3

SKU:A168





Description

Faces Bottom3 is a functional panel expansion base for the Faces series, connecting to the host via the M5-Bus. The base provides a 2.54-22P input panel bus, which can be used to connect function panels such as keyboards, calculators, and game controllers. It features a built-in 600mAh rechargeable battery and a TP4057 charging IC, supporting offline power supply and stable charging. RGB light strips are integrated on both sides (10 RGB LEDs in total), and the top provides 2 x HY2.0-4P expansion ports (PORT.B / PORT.C), along with RGB LED IO signal switching support. The back is equipped with Pogo Pin magnetic charging contacts, M3 screw holes, and wall-mount fixing holes for easy installation and mounting; the bottom features a lanyard hole for convenient carrying.

Features

- Compatible with Faces series function panels (Gen 1 / Gen 3)
- Compatible with Core series main controllers (Core1 / Core2 / CoreS3, etc.)
- RGB LED strips on both sides (5 LEDs per side)
- 2 x HY2.0-4P expansion ports (PORT.B / PORT.C)
- Built-in 600mAh rechargeable battery
- Integrated TP4057 charging IC
- Pogo Pin magnetic charging contacts on the back
- LED IO switching switch, compatible with different hosts
- Battery power switch on the back
- M3 screw holes and wall-mount fixing holes on the back; lanyard hole at the bottom for convenient carrying

Includes

- 1 x Faces Bottom3
- 1 x Faces Charging3
- 1 x Hex Key L-Shape 2.5mm (For M3 Screw)
- 6 x M3 * 12mm cap head machine screw

Applications

- Handheld interactive devices
- Portable embedded projects
- Multi-module expansion and prototype development

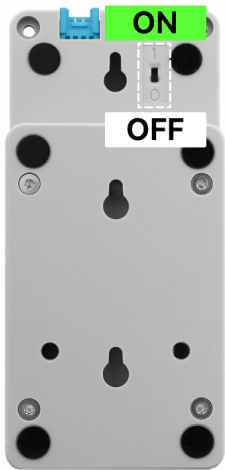
Specifications

Specification	Parameter
Host Bus Interface	M5-Bus 2x 2.54-30P
Input Panel Bus Interface	2.54-22P
Expansion Ports	2 x HY2.0-4P (PORT.B / PORT.C)
Battery	600mAh
Charging IC	TP4057
Input Power	DC 5V
RGB LED	10 x SK6812 (5 LEDs per side)
Charging Method	Pogo Pin magnetic charging on the back
Mounting Method	M3 screw holes / wall-mount fixing holes
Power Consumption	Power-on unconfigured state: 3.7V@75.68uA RGB LED white light at max brightness, all on: 3.7V@370.85mA
Product Size	Faces Bottom3: 108.0 x 54.0 x 12.5mm Faces Charging3: 85.4 x 54.1 x 25.6mm
Product Weight	84.1g
Package Size	120.0 x 56.0 x 30.0mm
Gross Weight	104.4g

Operation Instructions

Power Switch

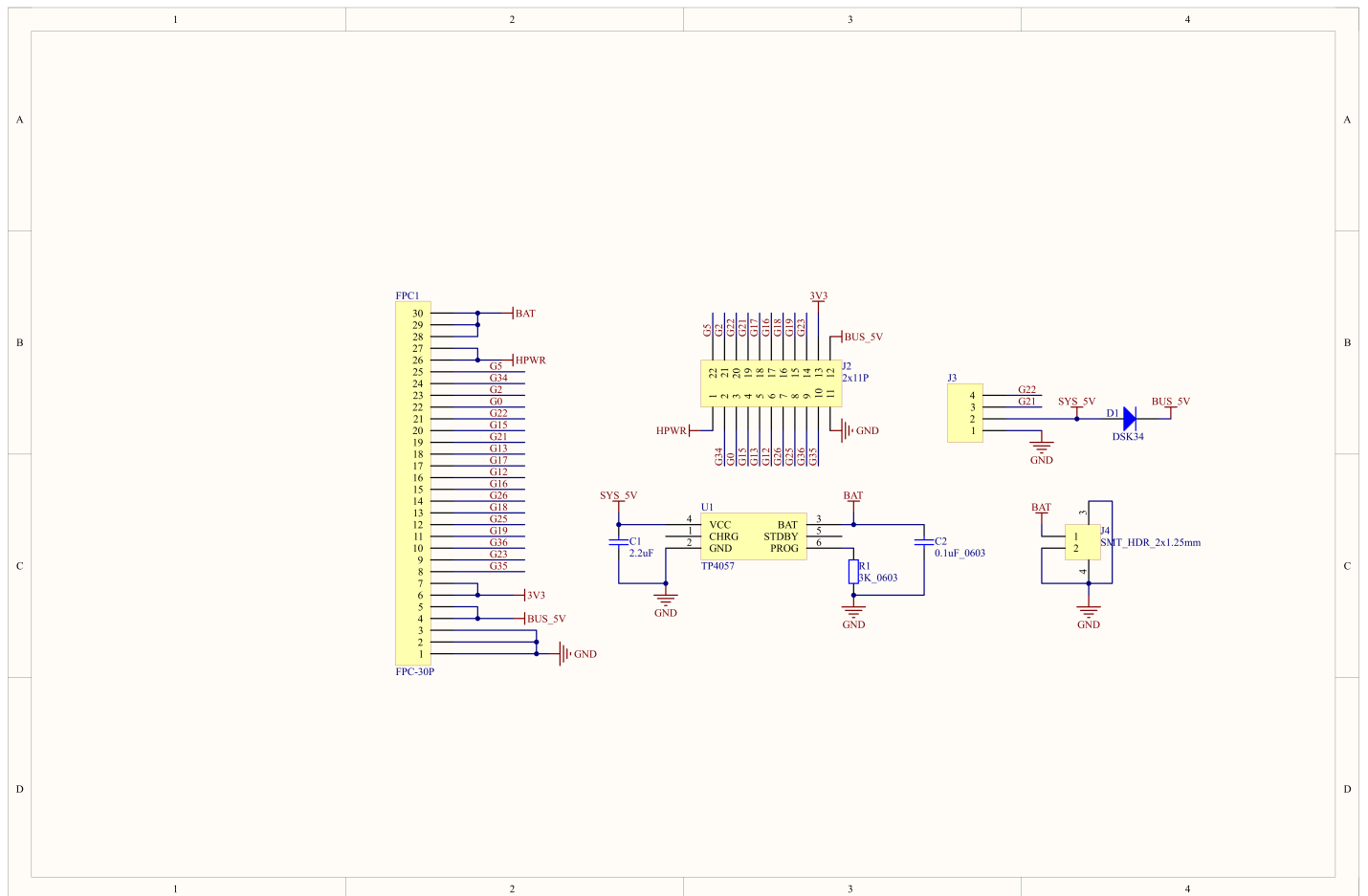
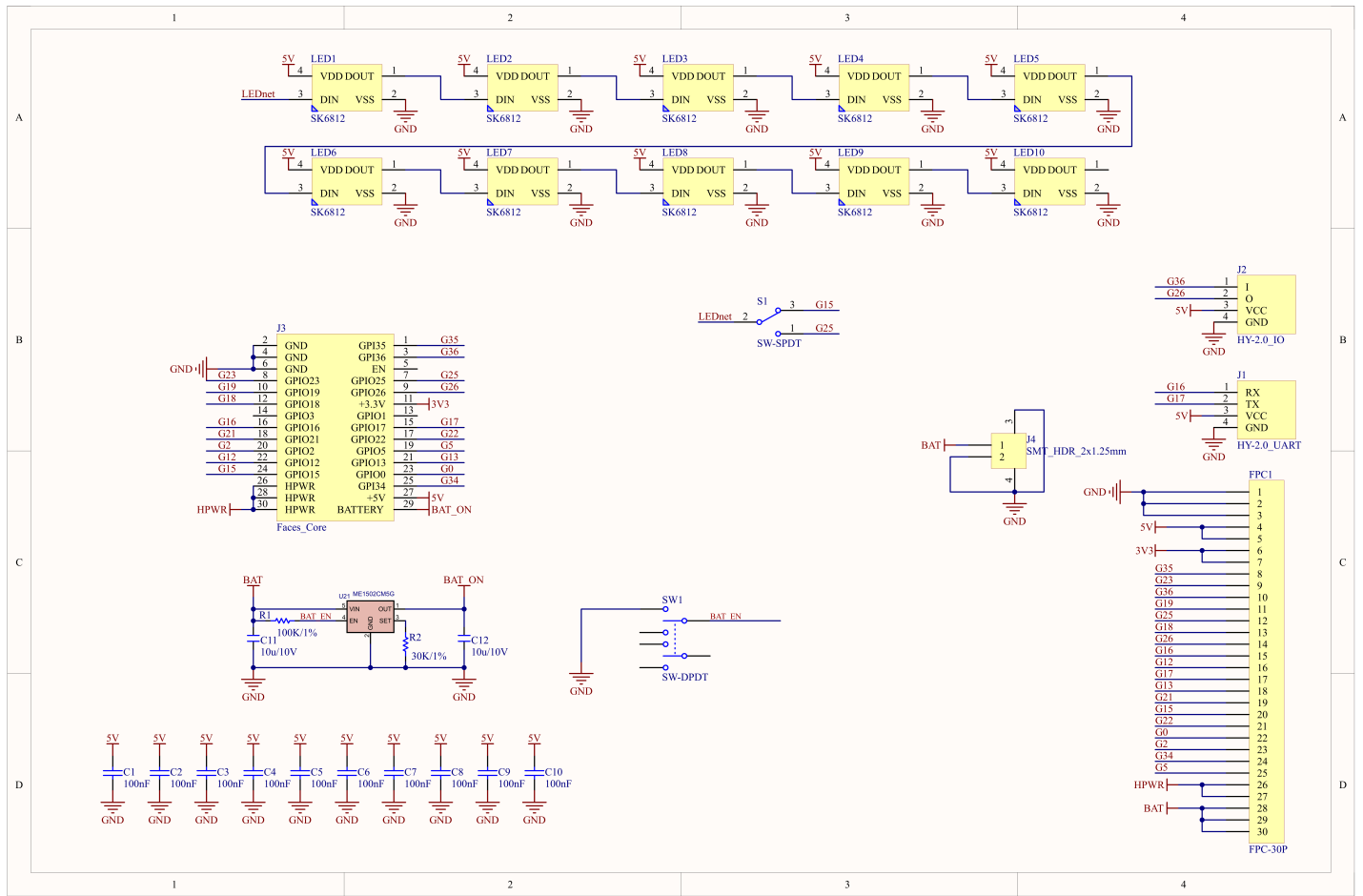
The **Faces Bottom3** is equipped with an independent power switch on the back to control battery power. When the device is not in use, the battery power connection can be completely disconnected to reduce standby power consumption and prevent battery drain.



 **BATTERY**
POWER SWITCH

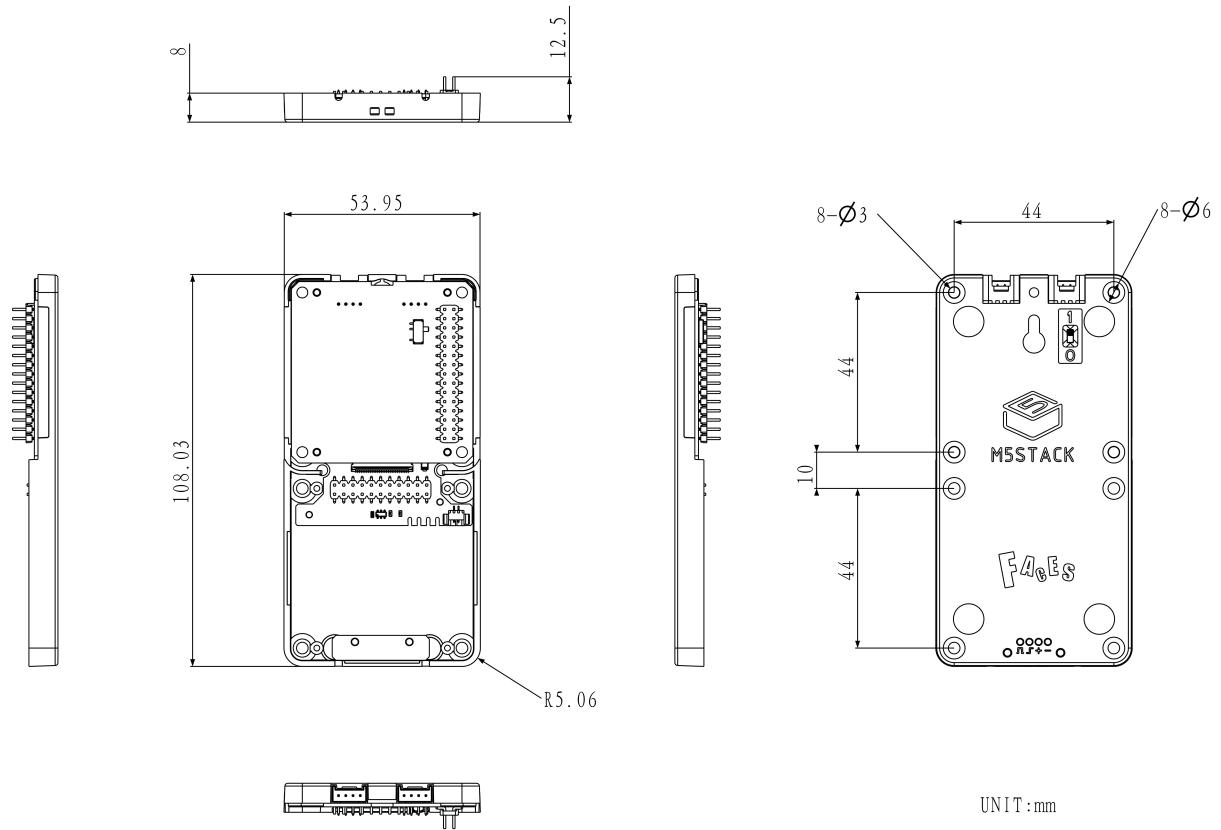
Schematics

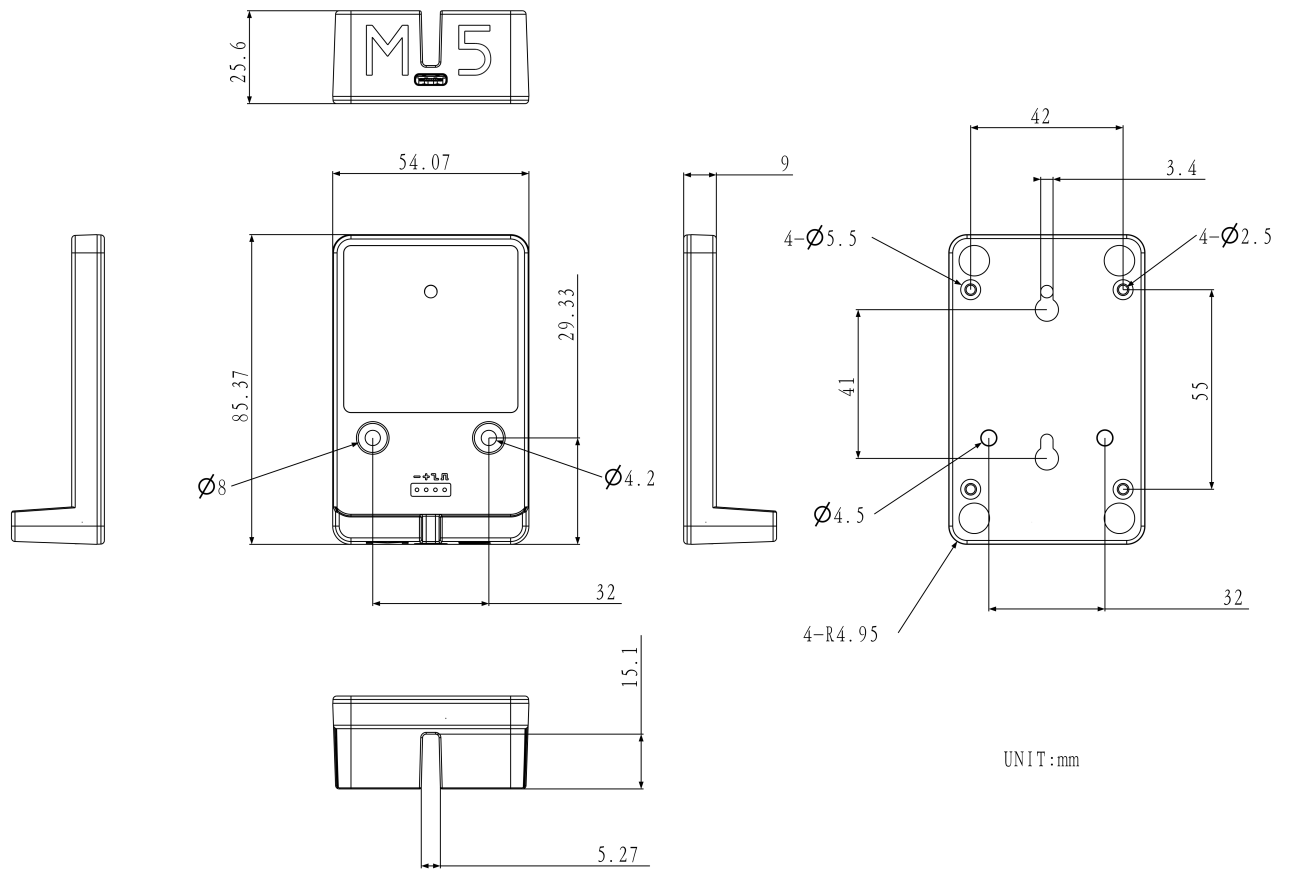
- [Faces Bottom3 Schematics PDF](#)



Model Size

- [Faces Bottom3 Model Size PDF](#)
- [Faces Charging3 Model Size PDF](#)





Datasheets

- TP4057

Video

Product Comparison

Product Compare			
			
	Faces Bottom3	Faces Bottom-II	Faces Bottom
Expansion Ports	2 x HY2.0-4P	2 x HY2.0-4P	✗
2.54mm-pitch male headers on three sides	✗	✗	2.54 x 38P
RGB LEDs	10 x SK6812	10 x SK6812	✗
Battery	600mAh	600mAh	600mAh
Battery Power Switch	✓	✗	✗
LED IO Switch	✓	✗	✗
Charging Dock USB Type-C Port (Supports C2C Charging)	✓	✗	✗