

Unit Mini OLED

SKU:U166



Description

Unit Mini OLED is a **0.42-inch** OLED screen unit that uses an I2C interface with a resolution of **72 x 40**. It features monochrome white display and communicates with the M5 host via I2C (addr: 0x3C). This OLED screen is suitable for embedding into various home products, smart wearable devices, portable devices, and industrial instruments.

Features

- Monochrome white display
- I2C communication (0x3C)
- SSD1315 driver

Includes

- 1 x Unit Mini OLED
- 1 x HY2.0-4P Grove cable (5cm)

Applications

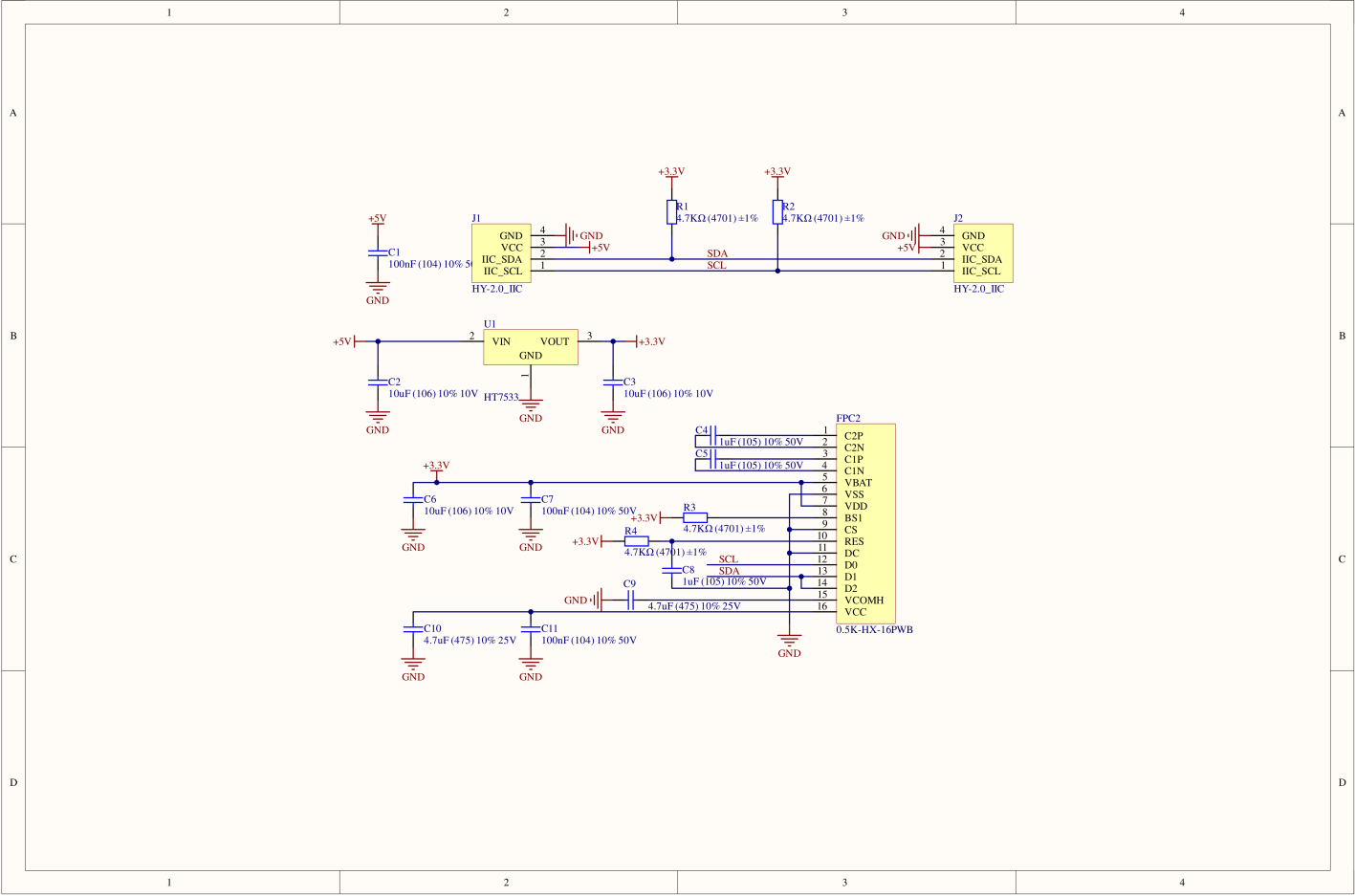
- Smart wearable devices
- Portable devices and industrial instruments
- Home products

Specifications

Specification	Parameter
Screen Size	0.42-inch OLED
Resolution	72 x 40
Operating Voltage	3.3V
Control Chip	SSD1315
Display Color	White
Display Area	9.196 x 5.18mm
Pixel Pitch	0.128 x 0.13mm
Operating Temperature	0 ~ 40°C
Viewing Angle	Full viewing angle
Product Size	25.8 x 12.0 x 6.8mm
Product Weight	2.2g
Package Size	138.0 x 93.0 x 7.8mm
Gross Weight	5.4g

Schematics

- [Unit Mini OLED Schematics PDF](#)

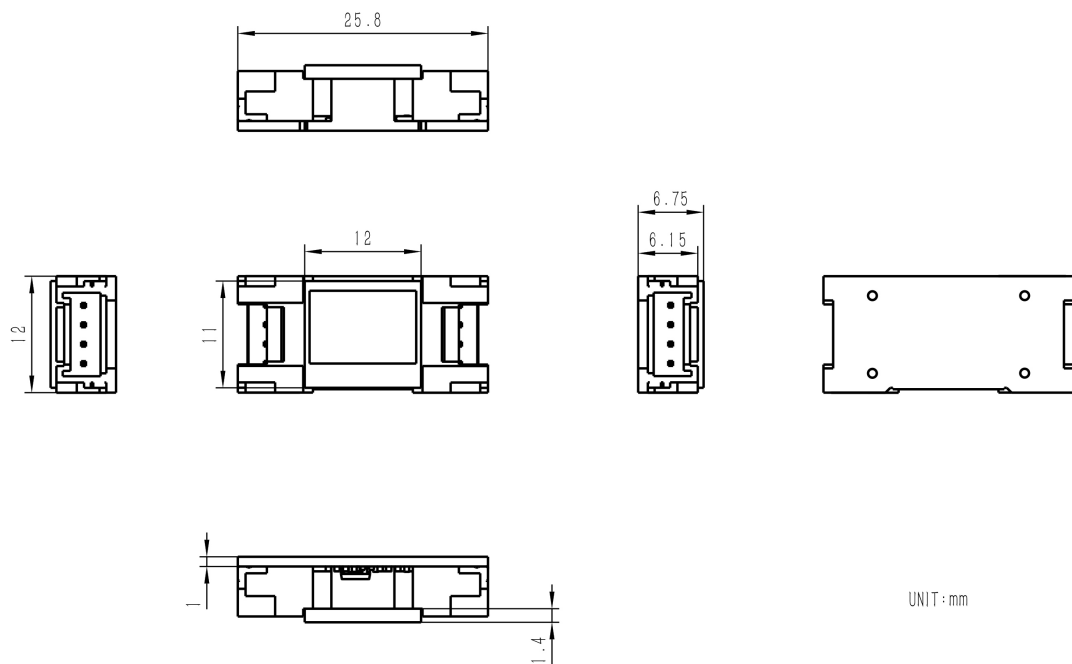


PinMap

Unit Mini OLED

HY2.0-4P	Black	Red	Yellow	White
PORT.A	GND	5V	SDA	SCL

Model Size



Datasheets

- [MiniOLED Datasheet](#)

Softwares

Arduino

- [Unit Mini OLED Arduino Tutorial](#)

UiFlow1

- [Unit Mini OLED UiFlow1 Docs](#)

UiFlow2

- [Unit Mini OLED UiFlow2 Docs](#)

Video

- [UiFlow2 Unit Mini OLED](#)