



ELECROW ESP32 Crow Panel Display Making Easier User Manual

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ELECROW ESP32 Crow Panel Display Making Easier



Specifications:

- Size: 2.4", 2.8", 3.5", 4.3", 5.0", 7.0"
- Resolution: Varies based on size
- Touch Type: Resistive Touch or Capacitive Touch
- Main Processor: Varies based on model
- Frequency: 240 MHz
- Flash: 4MB
- SRAM: 512KB
- ROM: 384KB – 448KB
- PSRAM: Varies based on model
- Display Driver: ILI9341V, ILI9488, NV3047, ILI6122 & ILI5960, EK9716BD3 & EK73002ACGB
- Screen Type: TFT
- Interface: Varies based on size and model
- Speaker Jack: Yes
- TF Card Slot: Yes
- Active Area: Varies based on size

Product Usage Instructions

Screen Buttons and Interfaces:

Each model comes with specific interfaces and buttons. Refer to the silk screen labels on the actual product for accurate identification.

Powering On the Device:

Connect the device to a power source using the provided USB-A to Type-C cable. Press the power button to turn on the display.

Touch Functionality:

If your model comes with a resistive touch pen, use it to interact with the screen. For capacitive touch models, simply use your fingers to navigate.

Troubleshooting:

If you encounter any issues such as flickering or unclear display, stop using the device and seek professional repair services. Do not attempt to repair internal components yourself.

Frequently Asked Questions

Q: Do all models come with a resistive touch pen?

A: No, only specific models come with a resistive touch pen. Refer to the package list to confirm if your model includes one.

Q: How do I know which interfaces and buttons are available on my specific model?

A: The interfaces and buttons are silk screen labeled on the actual product. Use these labels as a reference for your model.

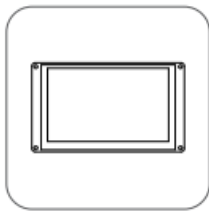
Thank you for purchasing our product.

Please read this user manual carefully before use and keep it properly for future reference.

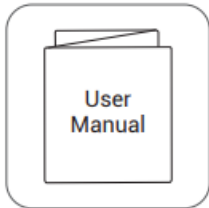
Package List

The following list diagram is for reference only.

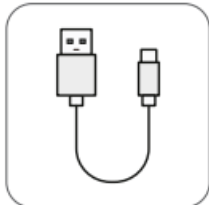
Please refer to the actual product inside the package for details.



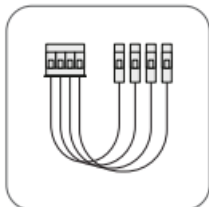
1x
ESP32 Display



1x
User Manual



1x
USB-A to Type-C Cable



1x
Crowtail/Grove to 4pin DuPont Cable

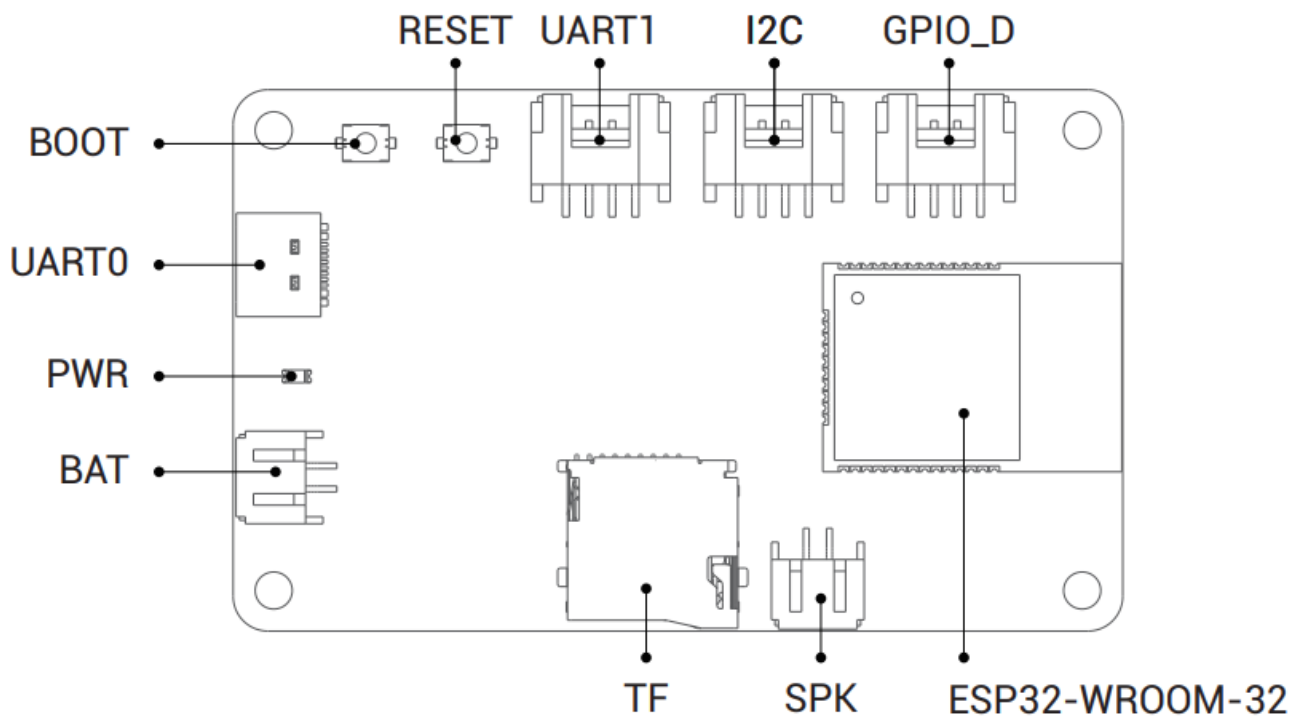


1x
Resistive Touch Pen
(5-inch and 7-inch display do not come with a resistive touch pen.)

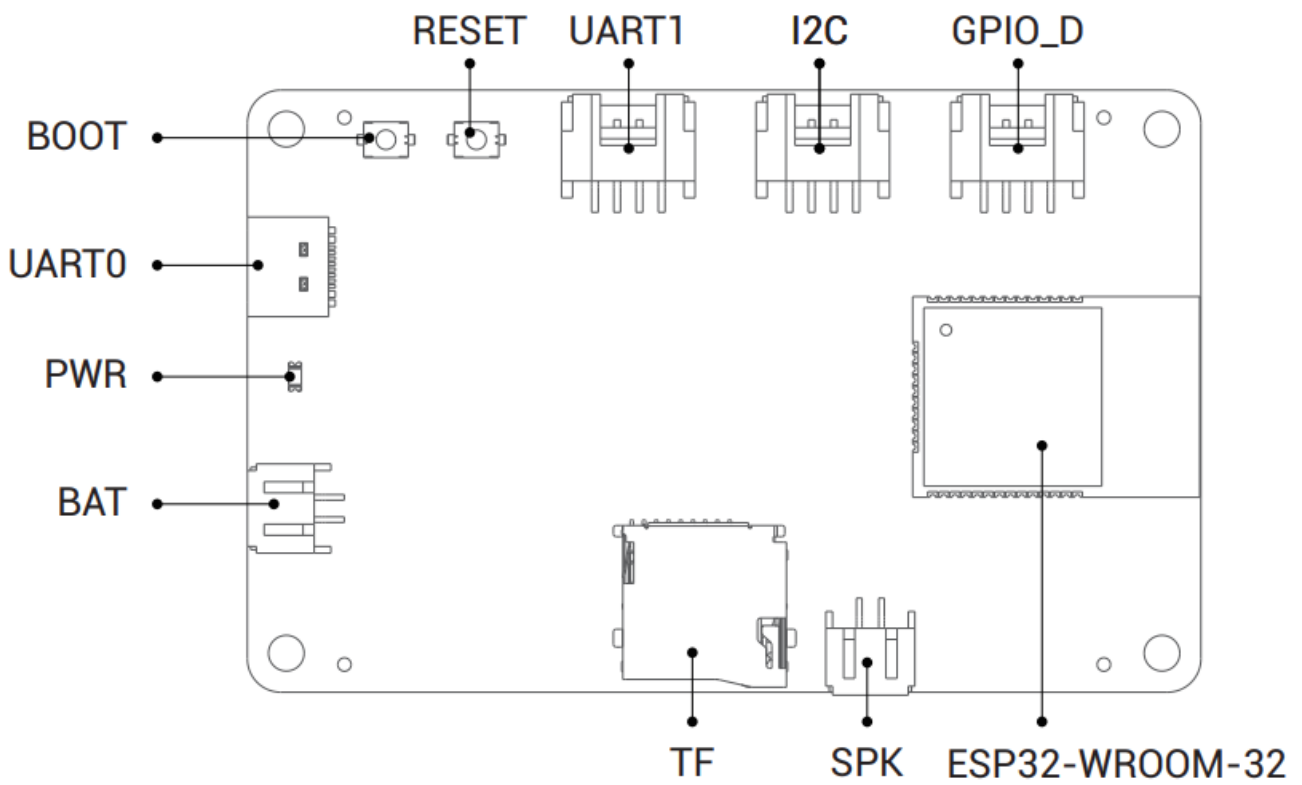
Screen Buttons and Interfaces

Screen appearance varies by model, and diagrams are for reference only. Interfaces and buttons are silk screen labeled, use actual product as reference.

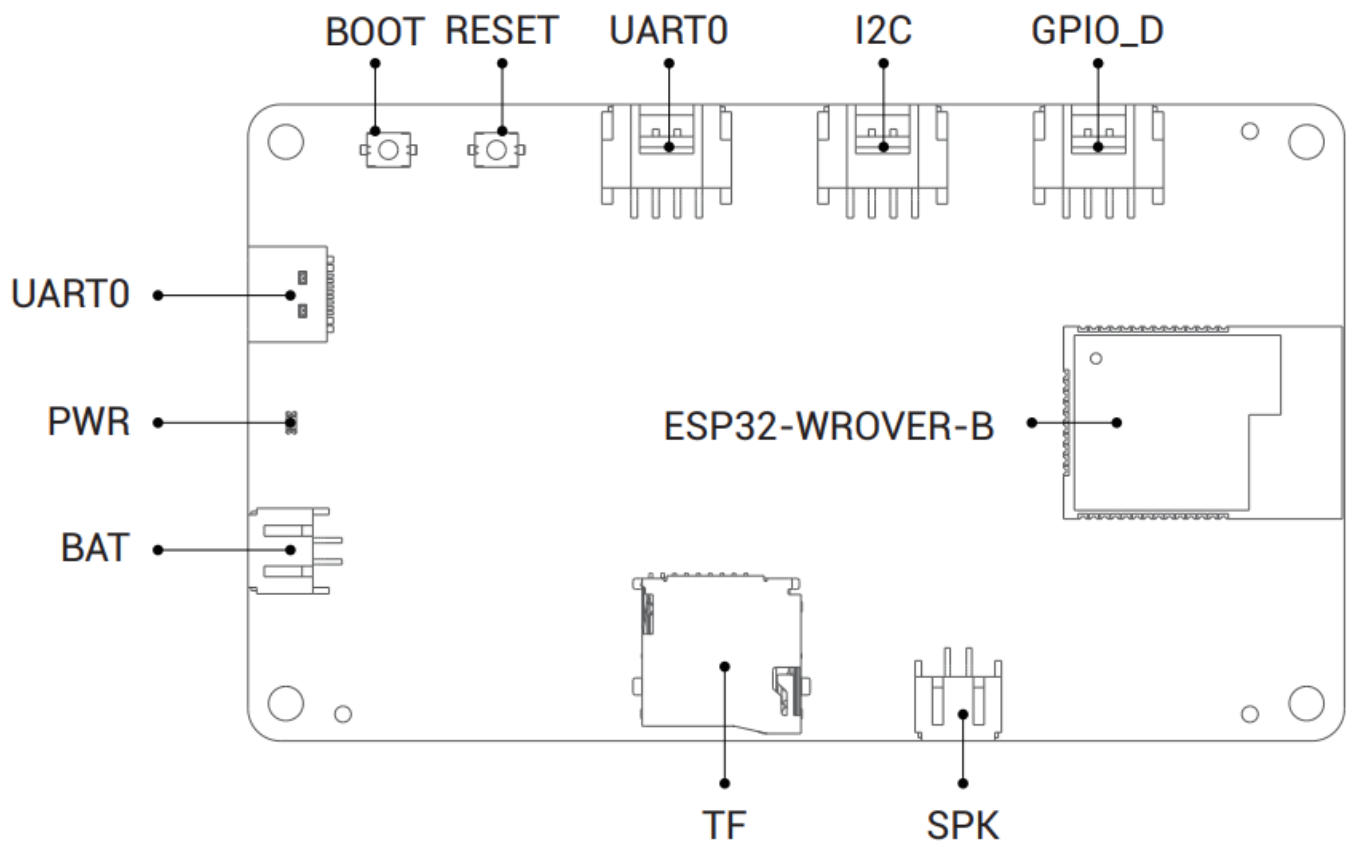
ESP32 Display 2.4 Inch



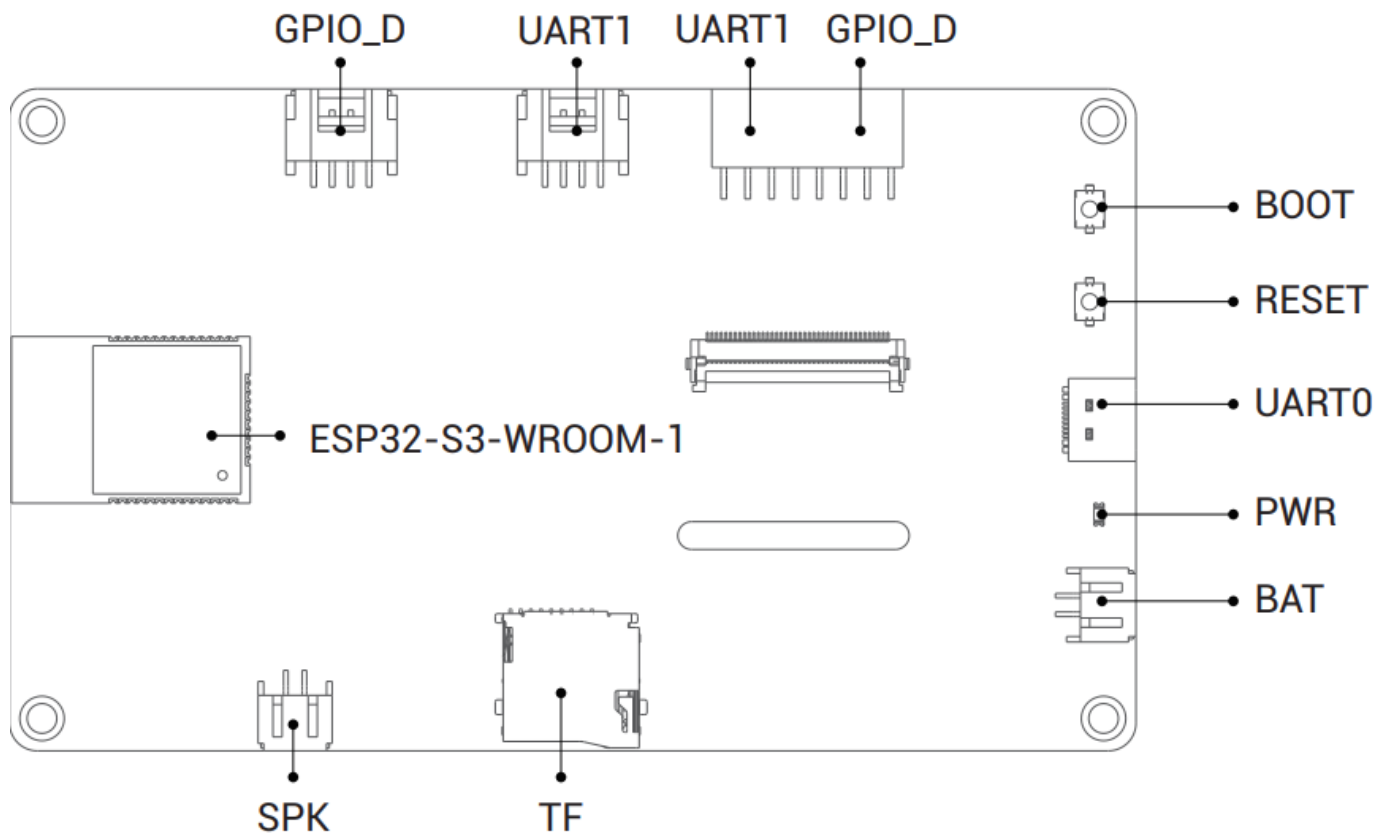
ESP32 Display 2.8 Inch



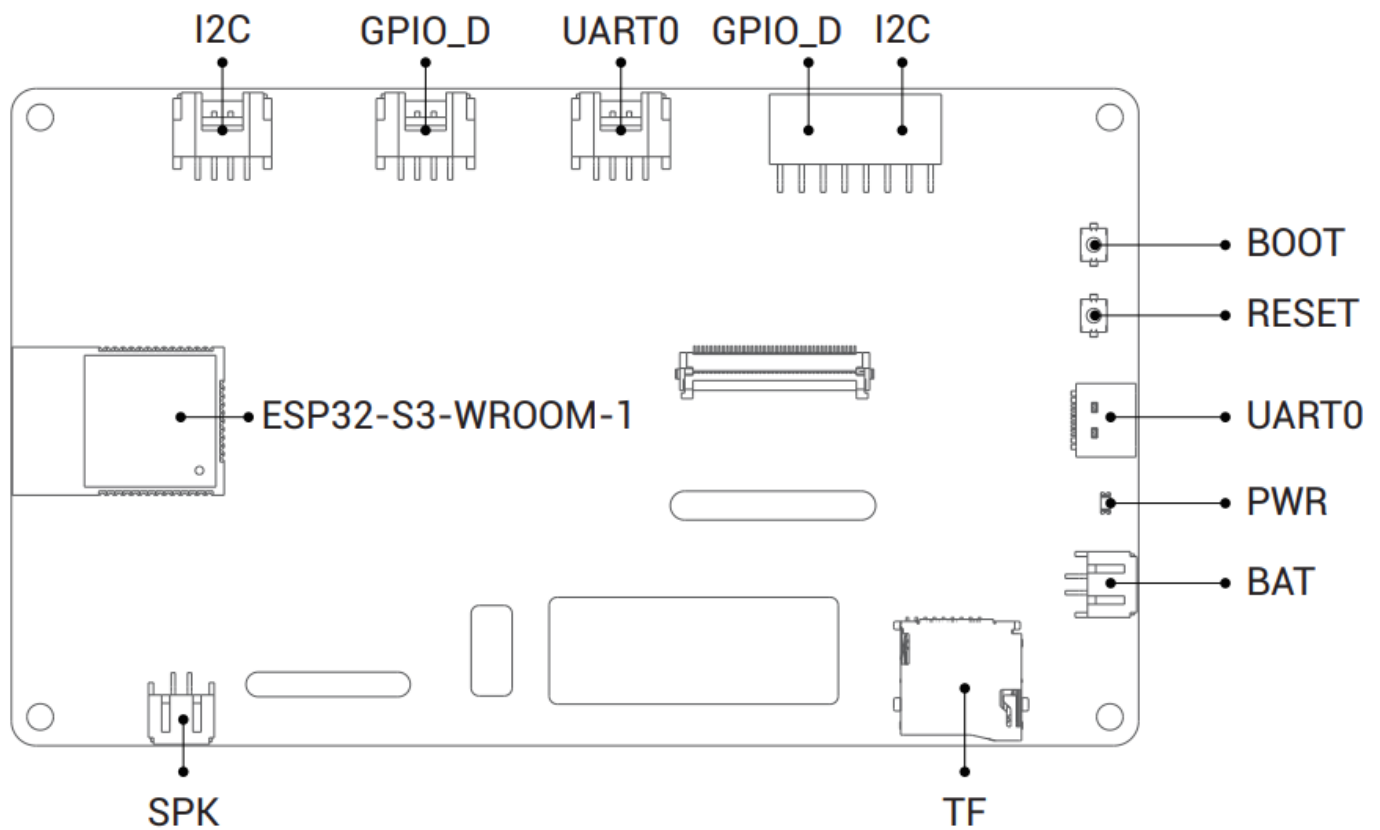
ESP32 Display 3.5 Inch



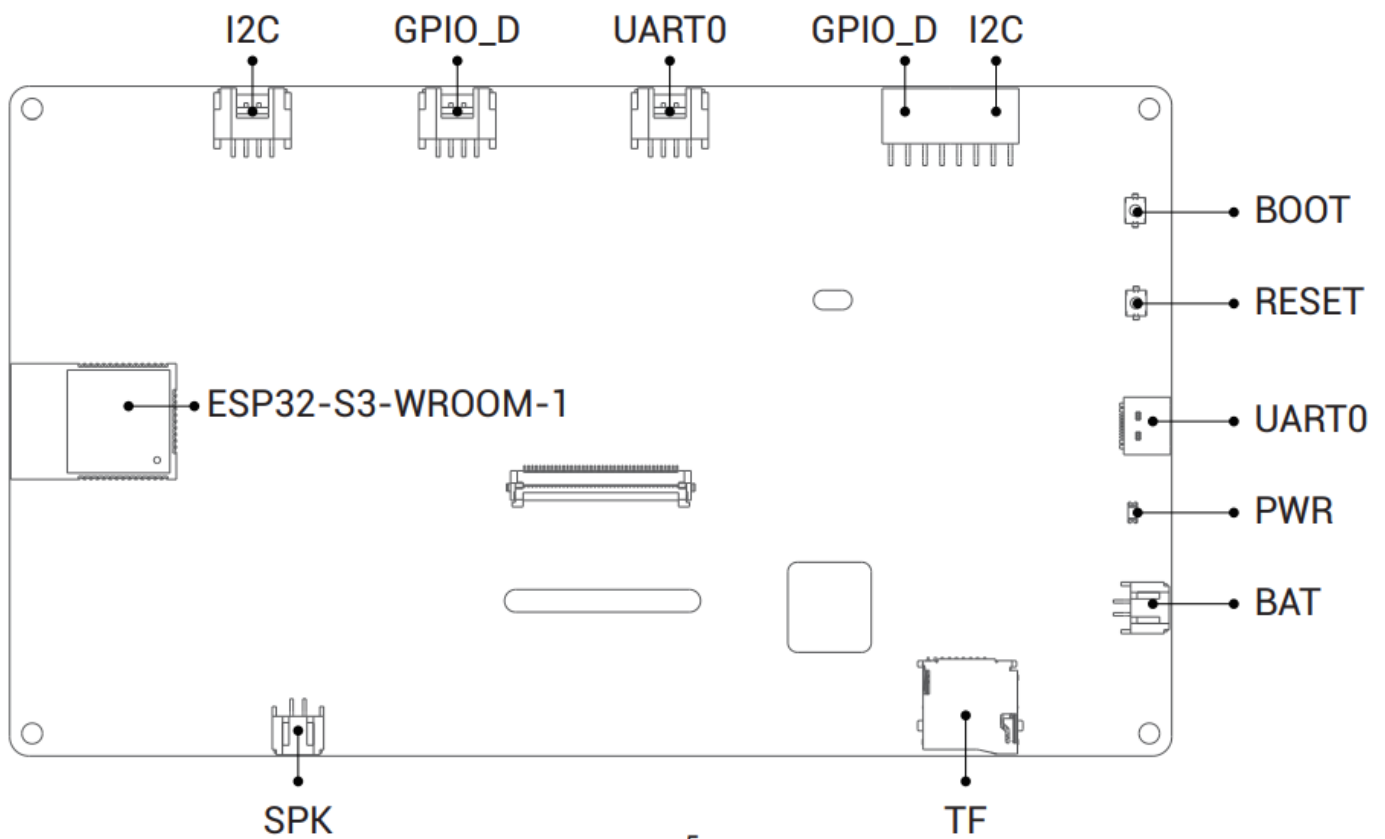
ESP32 Display 4.3 Inch



ESP32 Display 5.0 Inch



ESP32 Display 7.0 Inch



Parameters

Expansion Resources

- Schematic Diagram
- Source Code
- ESP32 Module Datasheet
- Arduino Libraries
- 16 learning Lessons for LVGL
- LVGL Reference

Safety Instructions

To ensure safe use and avoid injury or property damage to yourself and others, please follow the safety instructions below.

- Avoid exposing the screen to sunlight or strong light sources to prevent affecting its viewing effect and lifespan.
- Avoid pressing or shaking the screen hard during use to prevent loosening of internal connections and components.
- For screen malfunctions, such as flickering, color distortion, or unclear display, stop use and seek professional repair.
- Before repairing or replacing any equipment components, make sure to turn off the power and disconnect from the device.

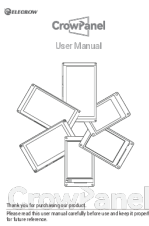
Company Name: Elecrow Technology Development Co., Ltd.

Company address: No.4832 Ba'an Avenue, Bao'an District, Shenzhen City Company website:

<https://www.elecrow.com>

Made in China

Documents / Resources

	<p>ELECROW ESP32 Crow Panel Display Making Easier [pdf] User Manual</p> <p>ESP32 Crow Panel Display Making Easier, Crow Panel Display Making Easier, Panel Display Making Easier, Display Making Easier, Making Easier, Easier</p>
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References

- [ELECROW Online Store: DIY Electronics & PCB Manufacturing](#)
- [User Manual](#)

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