

| Description | Package Content | Wiki |
|-------------|-----------------|------|
| RST         |                 |      |
| USB         |                 |      |
| BOOT        |                 |      |

| Pin | Color | Function |
|-----|-------|----------|
| 1   | Grey  | GPIO16   |
| 2   | Green | UART0 TX |
| 3   | Black | GPIO17   |
| 4   | Black | UART0 RX |
| 5   | Black | GND      |
| 6   | Green | GPIO0    |
| 7   | Green | BAT_ADC  |
| 8   | Black | GPIO1    |
| 9   | Green | GPIO2    |
| 10  | Black | GPIO3    |
| 11  | Black | GND      |
| 12  | Green | GPIO8    |
| 13  | Black | GPIO9    |
| 14  | Black | GPIO12   |
| 15  | Green | Boot     |
| 16  | Green | D_N      |
| 17  | Green | D_P      |
| 18  | Black | GPIO13   |
| 19  | Black | GND      |
| 20  | Green | I2C SCL  |
| 21  | Black | I2C SDA  |
| 22  | Black | EXIO0    |
| 23  | Black | EXIO1    |
| 24  | Black | EXIO2    |
| 25  | Black | EXIO3    |
| 26  | Black | EXIO4    |
| 27  | Black | EXIO5    |
| 28  | Black | EXIO6    |
| 29  | Black | EXIO7    |
| 30  | Black | RUN      |
| 31  | Black | EXIO0    |
| 32  | Black | EXIO1    |
| 33  | Black | EXIO2    |
| 34  | Black | EXIO3    |
| 35  | Black | EXIO4    |
| 36  | Black | EXIO5    |
| 37  | Black | EXIO6    |
| 38  | Black | EXIO7    |
| 39  | Black | 3V3      |
| 40  | Red   | VBUS     |



■ Power ■ Ground ■ GPIO ■ ADC ■ EXIO ■ SPI ■ USB ■ System Control ■ I2C

## Contact

[Description](#)[Package Content](#)[Wiki](#)

### Display Control

| LCD pin | ESP32-C6 pin | Description                 |
|---------|--------------|-----------------------------|
| LCD_DIN | GPIO4        | LCD data pin                |
| LCD_CLK | GPIO5        | LCD clock pin               |
| LCD_DC  | GPIO6        | LCD command/ data selection |
| LCD_CS  | GPIO7        | LCD chip selection          |
| LCD_RST | GPIO14       | LCD reset pin               |
| LCD_BL  | GPIO15       | LCD backlight               |



### Touch Control

| LCD pin | ESP32-C6 pin | Description                  |
|---------|--------------|------------------------------|
| TP_SCL  | GPIO8        | TP I2C clock pin             |
| TP_SDA  | GPIO18       | TP I2C data pin              |
| TP_RST  | GPIO21       | TP reset pin (NC)            |
| TP_INT  | GPIO22       | TP interrupt output pin (NC) |

[Contact](#)