



## 1.5" 128x128 OLED Display Modul, RGB, SPI Interface



|                  |              |
|------------------|--------------|
| Artikel-Nr.:     | OLED-15RGB-C |
| Hersteller:      | Waveshare    |
| EAN:             | 614961952102 |
| Herkunftsland:   | China        |
| Zolltarifnummer: | 85285900     |
| Gewicht:         | 0.026 kg     |

### Übersicht

This is a general RGB OLED display Module, 1.5inch diagonal, 128x128 pixels, 16-bit high color (65K colors), with embedded controller, communicating via SPI interface.

### Eigenschaften

- 128x128 high resolution, 65K colors, clearly displays colorful images
- Supports 4-wire SPI OR 3-wire SPI interface, configured via onboard resistor
- Comes with development resources and manual (examples for Raspberry Pi/Arduino/STM32)

### Spezifikationen

- Driver: SSD1351
- Interface: 4-wire SPI, 3-wire SPI
- Display color: RGB, 65K colors
- Resolution: 128x128
- Viewing angle: >160°
- Operating voltage: 3.3V / 5V
- Dimension: 44.5 x 37 (mm)

### Interface

| SYMBOL | DESCRIPTION                |
|--------|----------------------------|
| VCC    | Power (3.3~5V input)       |
| GND    | Ground                     |
| DIN    | Data input                 |
| CLK    | Clock data input           |
| CS     | Chip selection, low active |



|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| DC  | 4-wire SPI: Data/Command selection (high for data, low for command)<br>3-wire SPI: Connects to GND, keeps low |
| RST | Reset, low active                                                                                             |

## Hardware Config

There are two available drive interfaces for this RGB OLED module: 4-wire SPI (default) and 3-wire SPI:

|              | BS | DC              |
|--------------|----|-----------------|
| 4-wire SPI 0 |    | DC              |
| 3-wire SPI 1 |    | Connects to GND |

## Dokumentation / Downloads

- [https://www.waveshare.com/wiki/1.5inch\\_RGB\\_OLED\\_Module](https://www.waveshare.com/wiki/1.5inch_RGB_OLED_Module)

## Weitere Bilder:

