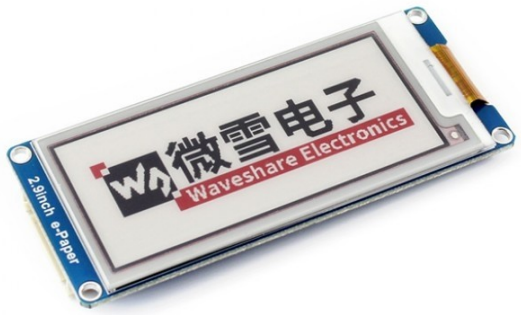
2.9" 296×128 ePaper Display Modul mit SPI Interface, dreifarbig (rot, schwarz, weiß)



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Artikel-Nr.:	3C-EINKM-29
Hersteller:	Waveshare
Herkunftsland:	China
Zolltarifnummer:	85285900
Gewicht:	0.031 kg

Übersicht

This is an E-Ink display module, 2.9inch, 296x128 resolution, with embedded controller, communicating via SPI interface, supports red, black, and white three-color display.

Due to the advantages like ultra low power consumption, wide viewing angle, clear display without electricity, it is an ideal choice for applications such as shelf label, industrial instrument, and so on.

Eigenschaften

- No backlight, keeps displaying last content for a long time even when power down
- Ultra low power consumption, basically power is only required for refreshing
- SPI interface, for connecting with controller boards like Raspberry Pi/Arduino/Nucleo, etc.
- Comes with development resources and manual (examples for Raspberry Pi/Arduino/STM32)

Spezifikationen

- Operating voltage: 3.3V
- Interface: 3-wire SPI, 4-wire SPI
- Outline dimension: 89.5mm × 38mm
- Display size: 66.89mm × 29.05mm
- Dot pitch: 0.138 × 0.138
- Resolution: 296 × 128
- Display color: black, red, white
- Grey level: 2
- Full refresh time: 15s
- Refresh power: 26.4mV(typ.)
- Standby power: <0.17mV

Alle hier aufgeführten Namen und Zeichen sind Eigentum des jeweiligen Herstellers. Druckfehler, Änderungen & Irrtümer vorbehalten.

- Viewing angle: >170°

Interface

SYMBOL	DESCRIPTION
VCC	3.3V
GND	Ground
DIN	SPI MOSI pin
CLK	SPI SCK pin
CS	SPI chip selection, low active
DC	Data/Command selection (high for data, low for command)
RST	External reset, low active
BUSY	Busy status output, low active

Lieferumfang

- 2.9inch e-Paper Module (B)
- Cable XH2.54 20cm 8Pin

Dokumentation / Downloads

- https://www.waveshare.com/wiki/2.9inch_e-Paper_Module_(B)

Weitere Bilder:





