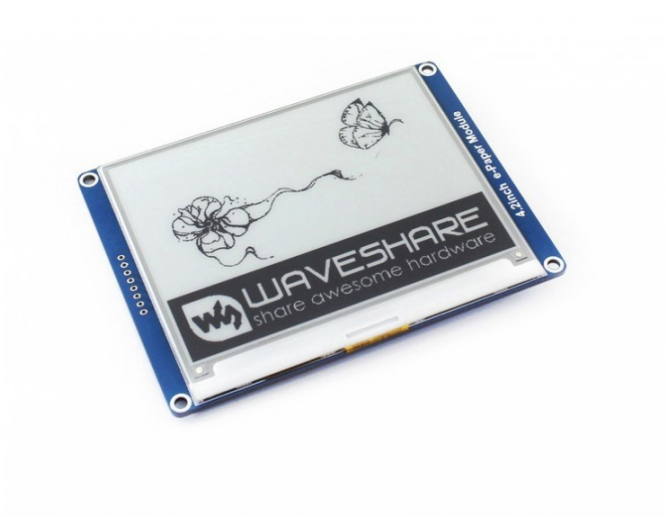
4.2" 400×300 ePaper Display Modul mit SPI Interface



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Hersteller:	Waveshare
EAN:	4251266700104
Herkunftsland:	China
Zolltarifnummer:	84733080
Gewicht:	0.11 kg

Übersicht

This is an E-Ink display module, 4.2inch, 400x300 resolution, with embedded controller, communicating via SPI interface, supports partial refresh.

Due to the advantages like ultra low power consumption, wide viewing angle, great effect under sunlight, 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: 103.0mm × 78.5mm
- Display size: 84.8mm × 63.6mm
- Dot pitch: 0.212 × 0.212
- Resolution: 400 × 300
- Display color: black, white
- Grey level: 2
- Full refresh time: 4s
- Refresh power: 26.4mW(typ.)
- Standby power: <0.017mW
- Viewing angle: >170°

Todos los nombres y signos que figuran aquí son propiedad del fabricante respectivo. Errores de imprenta, cambios y errores exceptuados.

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

- 4.2inch e-Paper Module
- PH2.0 20cm 8Pin

Dokumentation / Downloads

- https://www.waveshare.com/wiki/4.2inch_e-Paper_Module

Weitere Bilder: