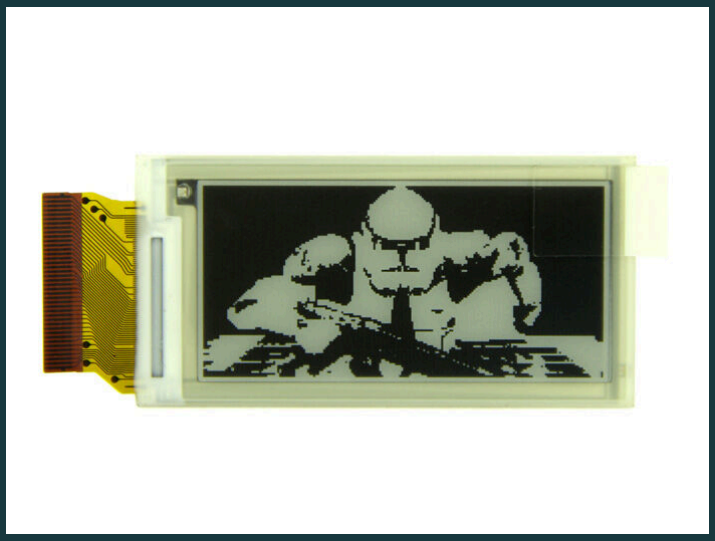
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INDUSTRIAL PRODUCT DATASHEET

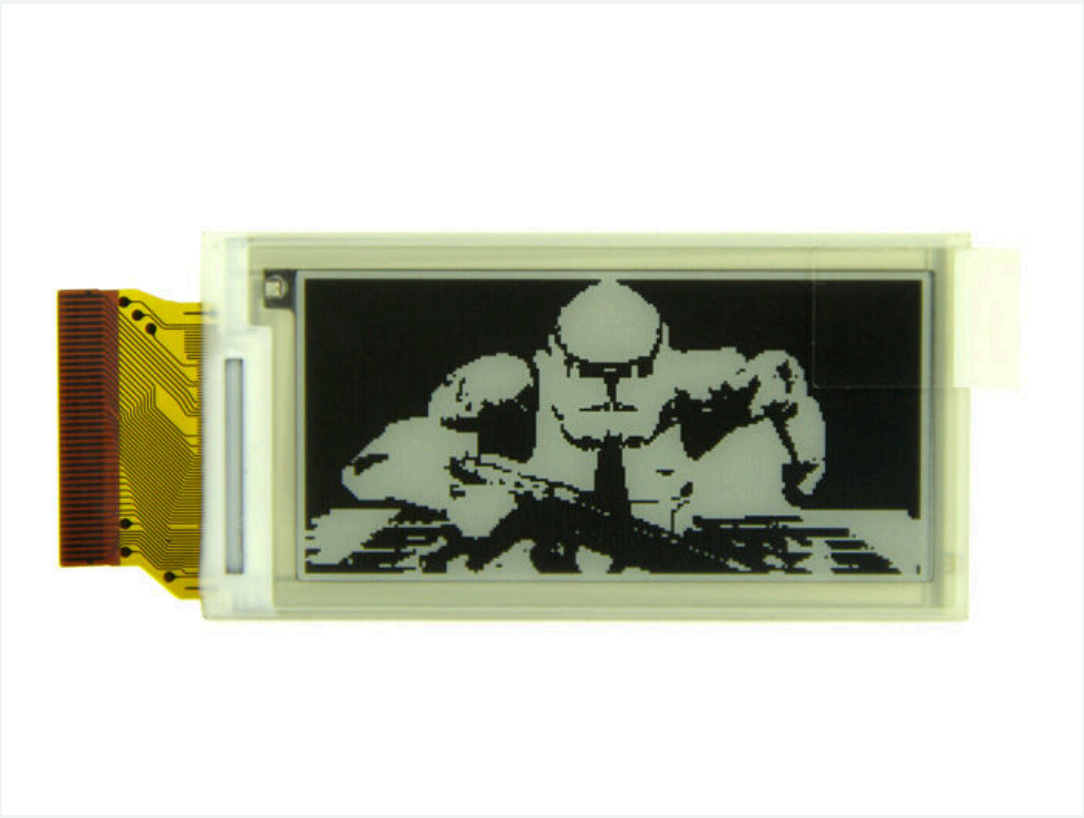
2.0 e-Paper Panel

Ultra-thin 2.0-inch E Ink e-Paper panel with 200x96 resolution, SPI interface, and near 180° viewing angle.

SKU	UPDATED	PRICE
104990080	2024-08-09 02:09:42	$19.90(Excl. VAT)



Overview



The 2.0 e-Paper Panel is a 2.0-inch a-Si active matrix TFT Electronic Paper Display (EPD) with E Ink technology, offering 200x96 resolution and 117 dpi for excellent definition and contrast. Its ultra-low power consumption, super-wide viewing angle (near 180°), and thin form factor make it ideal for electronic shelf labels, medical devices, and mobile applications.

Key Features

This is a 2.0 □inch a-Si, active matrix TFT, Electronic Paper Display (EPD) panel. By combing the high resolution (117 dpi) of a TFT backplane and the dependability/maturity of E Ink technology, this display offers its user the freedom to display any image with excellent definition and contrast. It is ideal for mobile devices requiring slightly larger and higher-resolution displays or electronic price tags for higher-end data rich products. The small and thin form factor makes it easy to design it into a variety of applications, such as electronic shelf labels, medical devices, and mobile applications

Features

- Ultra low power consumption
- Super wide viewing angle - near 180°
- Extra thin & light
- High Resolution
- SPI interface
- RoHS compliant

Specification

- Outline(mm): 57.0(H) x 28.8(V) x 1.0(T)
- Resolution: 200 x 96
- Contrast Ratio: 7:1
- Interface: SPI
- Operation Temperature: 0~50°C
- Storage Temperature: -20~60°C
- Refresh Time(room temp.): 2 sec
- Pixel Pitch(mm): 0.229 x 0.229(111dpi)
- Pin Number: 40 pins(Connector STARCONN 089H40 or Compatible)
- Input Voltage: 3.0V
- FPC: 0.5mm pitch with stiffener
- FPL: V110

Documents

- 2Flyer
- Datasheet

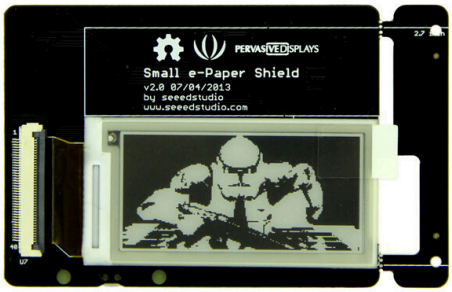
Product Gallery











Compliance & Logistics

HSCODE	9013803010
ROHS	1

Resource Links

- https://www.seeedstudio.com/2-0-e-Paper-Panel-p-1595.html

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