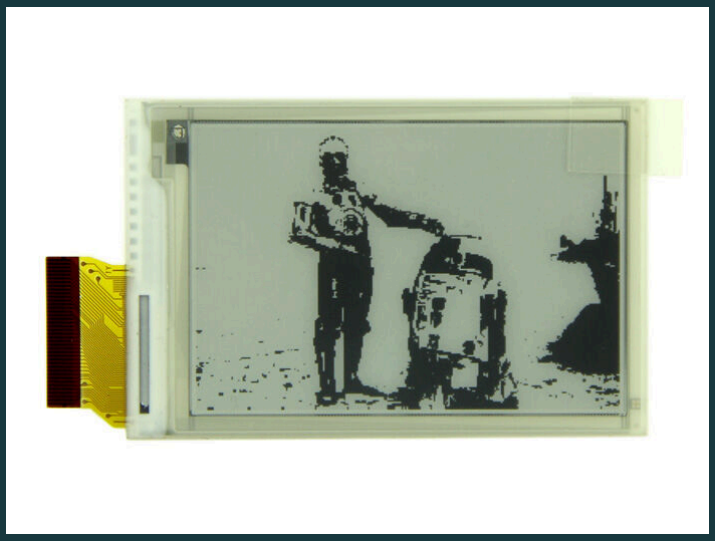
seeed studio

INDUSTRIAL PRODUCT DATASHEET

2.7 e-Paper Panel

2.7-inch high-resolution E Ink display with SPI interface and ultra-low power consumption.

SKU	UPDATED	PRICE
104990054	2024-08-09 02:09:42	$25.90(Excl. VAT)



Overview



The 2.7" e-Paper Panel is a high-resolution (264x176, 117 dpi) active matrix TFT EPD with E Ink technology, offering ultra-low power consumption and a near-180° viewing angle in an extra-thin form factor. It is ideal for mobile devices requiring slightly larger, high-definition displays or electronic price tags for data-rich products.

Key Features

This is a 2.7’’ 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.

Features

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

Specification

-
- Outline(mm): 70.42(H) x 45.80(V) x 1.0(T)
-
- Resolution: 264 x 176
-
- Contrast Ratio: 7:1
-
- Interface: SPI
-
- Operation Temperature: 0~50°C
-
- Storage Temperature: -20~60°C
-
- Refresh Time(room temp.): 3 sec
-
- Pixel Pitch(mm): 0.217 x 0.217(117dpi)
-
- Pin Number: 40 pins(Connector STARCONN 089H40 or Compatible)
-

- Input Voltage: 3.0V
-
- FPC: 0.5mm pitch with stiffener
-
- FPL: V110

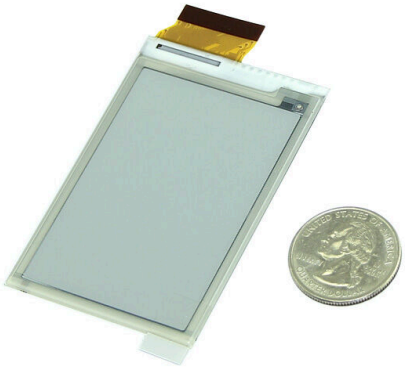
Documents

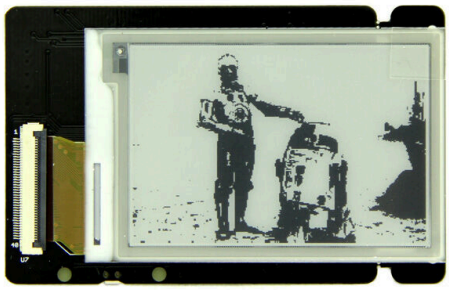
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- Datasheet

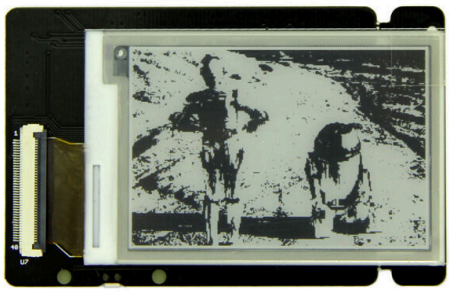
Product Gallery











Compliance & Logistics

HSCODE	8531809000
ROHS	1

Resource Links

- https://www.seeedstudio.com/2-7-e-Paper-Panel-p-1596.html

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com