seeed studio

INDUSTRIAL PRODUCT DATASHEET

1.54" Flexible Monochrome eInk / ePaper Display with 152x152 Pixels, SPI interface, Support XIAO/Arduino/STM32

The 1.54 inch E-paper Display is a flexible substrate-based display with a 152x152 pixel active area and 1-bit white/black full display capabilities.

SKU	UPDATED	PRICE
104990844	2026-11-11 09:46:02	$8.95(Excl. VAT)



Overview



The 1.54 inch E-paper Display is a flexible substrate-based display with a 152x152 pixel active area and 1-bit white/black full display capabilities. It features high contrast, ultra-low power consumption, and pure reflective mode.

Key Features

01 **Exceptional Readability**

The display's reflective properties ensure effortless legibility of text and images in different lighting environments.

02 **Ultra-Low Power Usage**

E-paper only consumes power during updates, leading to prolonged battery life and efficient energy use.

03 **Wide Viewing Angles**

Greater than 170 degree, unaffected by light direction.

04 **Flexibility and Portability**

Allowing bending and curling for versatile applications.

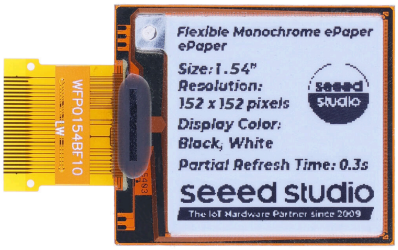
05 **Eye-Friendly and Heat-free**

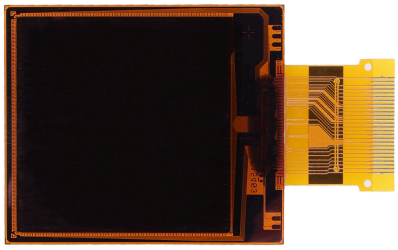
Eliminate glare, providing a comfortable viewing experience while remaining cool without generating heat

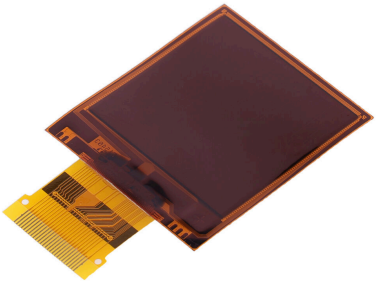
06 **What is an E-Paper?**

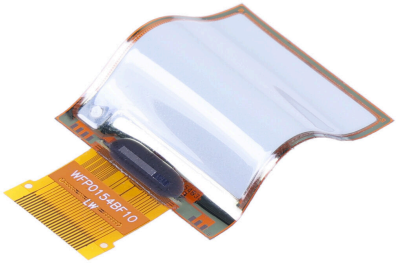
07 **Advantages Over Traditional Displays**

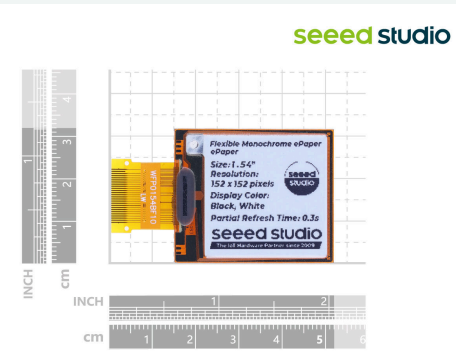
Product Gallery











Applications

- Reading equipment
- Mobile device
- Electronic tags and price tags
- Smart Wearables
- Electronic Shelf Labels
- Smart Card

Resource Links

- https://www.seeedstudio.com/1-54-Flexible-Monochrome-ePaper-Display-with-152x152-Pixels-p-5777.html
- A32-GDEW0154T8D-P-20230616.zip
- EN-Image_to_EPD_Instruction_Manual.pdf
- GDEW0154I9FC Arduino Sample Code.zip
- GDEW0154I9FC Datasheet.pdf
- GDEW0154I9FC STM32 Sample Code.zip
- IC Driver UC8151D.pdf
- Slave Computer Software-Image to EPD V3.6.zip
- PCN-ePaper Display Series EOL Notification.pdf

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