

INDUSTRIAL PRODUCT DATASHEET

ePaper Breakout Board for Seeed Studio XIAO

ePaper Breakout Board for Seeed Studio XIAO: a solderless, plug-and-play extension with 24-pin FPC and 8-pin header for flexible ePaper display integration.

SKU

105990172

UPDATED

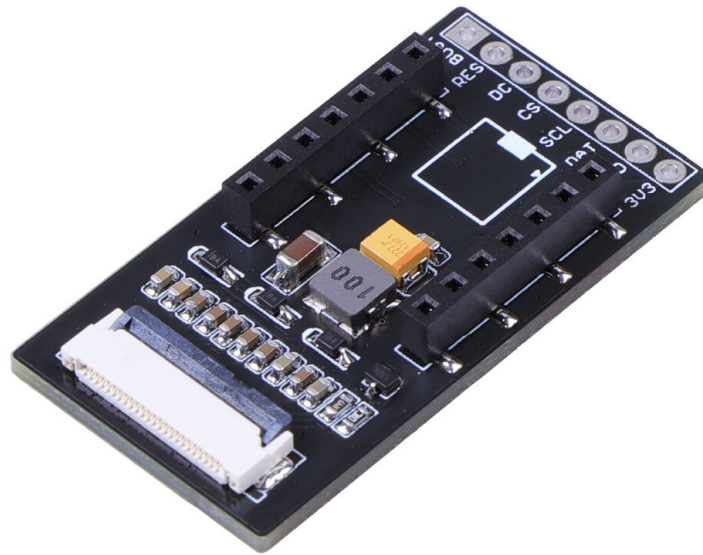
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PRICE

\$3.95(Excl. VAT)



Overview



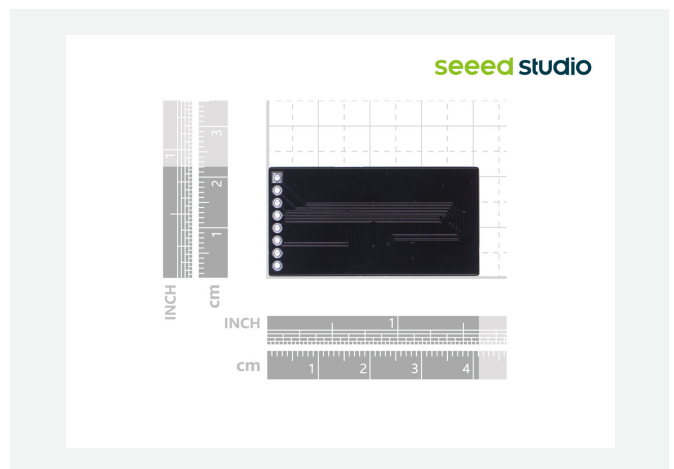
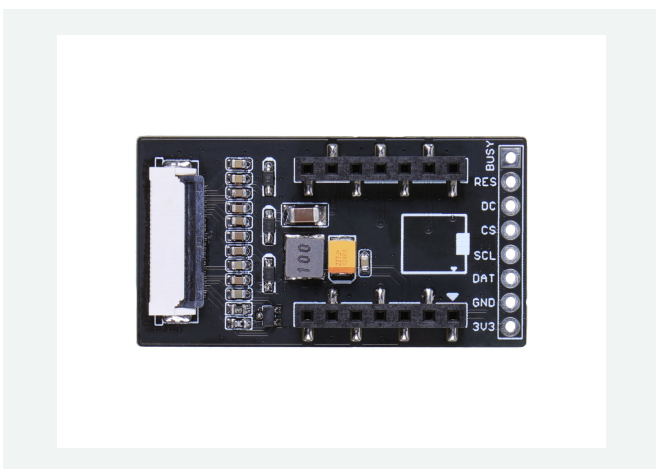
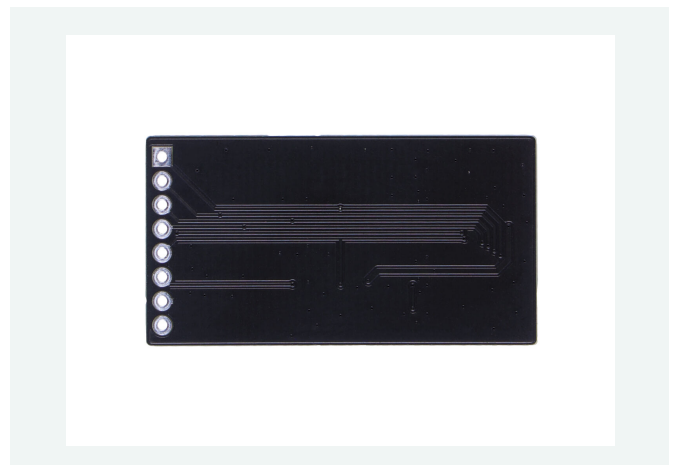
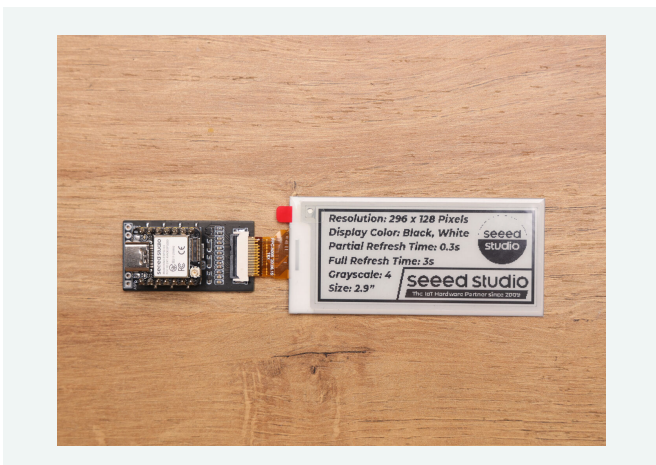
The ePaper Breakout Board for Seeed Studio XIAO is an ePaper display extension with a 24-pin FPC connector and an 8-pin 2.54 header, enabling seamless driving of compatible ePaper displays. It offers plug-and-play convenience with all pins led out and no soldering required, though it is not compatible with the 7.5-inch monochrome or 2.9-inch quadruple color ePaper displays.

Key Features

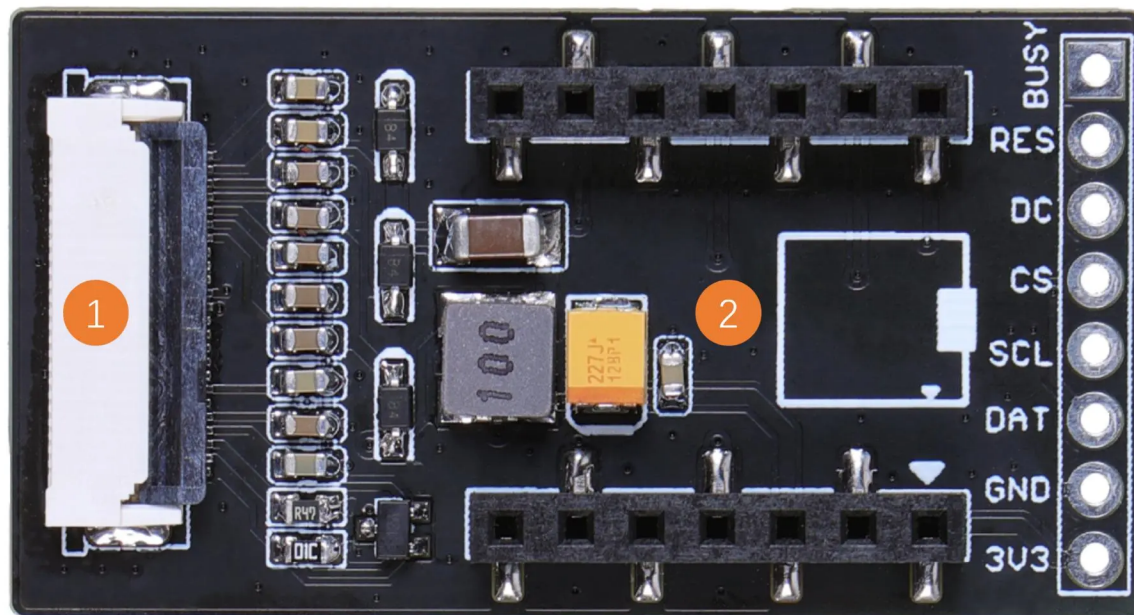
Note:

- This ePaper Breakout Board is not compatible with the 7.5-inch Monochrome ePaper display or the 2.9-inch Quadruple Color ePaper display.
- **ePaper display extension designed for Seeed Studio XIAO boards:** Provide 24-pin FPC connector, to allow you driving ePaper display seamlessly
- **Additional 8-pin 2.54 Header:** Offers flexibility by letting you connect to any microcontroller like Arduino UNO or Raspberry Pi
- **Plug and Play:** All pins are led out, no soldering is needed

Product Gallery



Hardware Overview



Applications

- **Digital Signage:** Use the ePaper Breakout Board to create dynamic and energy-efficient digital signs.
- **E-Readers:** Build your own customized e-reader with features tailored to your needs.
- **Smart Home Control Panels:** Integrate the board into a smart home system for a sleek and modern control panel.
- **Retail Price Tags:** Create electronic price tags for a more efficient and eco-friendly retail experience.
- **Educational Tools:** Develop interactive educational materials that can be easily updated and are energy-efficient.

Product					
Processor	XIAO ESP32-S3 Plus	XIAO ESP32-S3 Plus	XIAO nRF52840 Plus	N/A(CompatiblewithXIAO Series)	
CompatibleDisplays		24 Pin ePaper50Pin ePaper	24 Pin ePaper	24 Pin ePaper (NOT for 2.9" BWRY & 7.5" BW)	
Battery Connector	JST 2.0mm	JST 2.0mm	JST 2.0mm	/	
Battery Power ON/OFF	√	√	√	/	
Button	1x Reset3x User	1x Reset3x User	/		
Extension IO Port	/	/	√		
SenseCraft HMI	√	√	/	/	

Part List

ePaper Breakout Board	x1
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Compliance & Logistics



HSCODE	8543909000
USHSCODE	8543903500
UPC	
EUHSCODE	8471707000
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/ePaper-Breakout-Board-p-5804.html>
- PCN-105990172 ePaper Breakout Board for Seeed Studio XIAO v1.0

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