



Crystalfontz

ePaper with Adapter - Quick Start Guide

1. What You Need

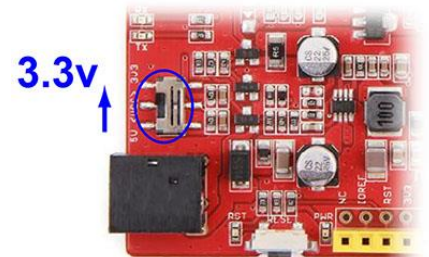
- Your **display** (any Crystalfontz ePaper)
- A [CFA10084 Adapter Board](#)
- 3.3v Arduino Uno (e.g., [Seeeduino v4.2 board](#))
- **USB cable** (e.g., WR-USB-27)
- **Jumper cables** (e.g., [WR-JMP-Y40](#) or [WR-JMP-41](#))
- Headers (e.g., [CFAPN01855](#))
- Some **code!** You can use our demo code available on the product pages.

2. Quick Start

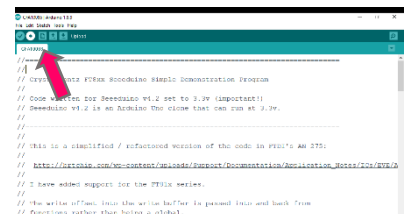
- Step 1 -** Ensure the voltage selection switch on the **Seeeduino** is set to 3v3. Using 5v can permanently damage your display.
- Step 2 -** Check that the 0.47/3Ω jumper is open or closed correctly per the datasheet or [the table on our blog](#).
- Step 3 -** Insert the ZIF tail of the display into the connector on the breakout board.
- Step 4 -** Wire it up! Using the table below, connect the **pins on the CFA10084** to the **Seeeduino** using the **headers and jumper cables**.



| Adapter Pin | Arduino | Color |
|-------------|---------|--------|
| 3.3 | 3.3v | Red |
| GND | GND | Black |
| SCK | D13 | Orange |
| MOSI | D11 | White |
| CS | D10 | Blue |
| DC | D5 | Purple |
| RESET | D4 | Brown |
| BUSY | D3 | Green |



- Step 5 -** Connect the **Seeeduino** to your computer using a **USB cable**, and load your code to the Seeeduino.



3. Further Information

See the Crystalfontz website for further information including full product datasheets and programming examples:

<https://www.crystalfontz.com/product/cfa10084>

<https://www.crystalfontz.com/c/epaper-displays/519>

We're here to help! Email your questions to support@crystalfontz.com

We'd love to hear about your project! Tag us on Facebook, Instagram, LinkedIn, Twitter, or YouTube, or send us a link to your project on the web!

Crystalfontz America, Inc.
 12412 East Saltese Avenue
 Spokane Valley, WA 99216-0357
 Phone: 888-206-9720
 Fax: 509-892-1203
 Email: support@crystalfontz.com
 URL: www.crystalfontz.com