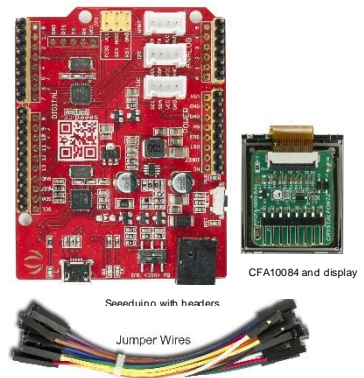# Crystalfontz

ePaper with Adapter - Quick Start Guide

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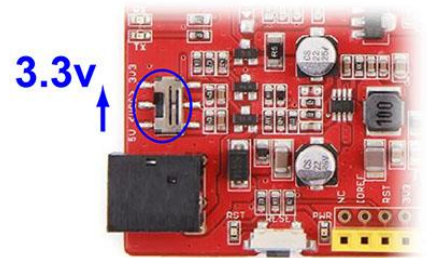
- Your **display** (any Crystalfontz ePaper)
- A **CFA10084** Adapter Board
- 3.3v Arduino Uno (e.g., **Seeeduino**)
- **USB cable** (e.g., WR-USB-27)
- **Jumper cables** (e.g., WR-JMP-Y40 or WR-JMP-41)
- Headers (e.g., CFAPN01855)
- Some **code**! You can use our demo code available on the product pages.

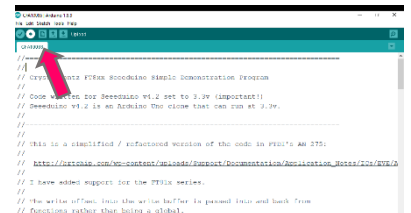CFA10084 and display

Seeeduino with headers

Jumper Wires

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

3.3v

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!