Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
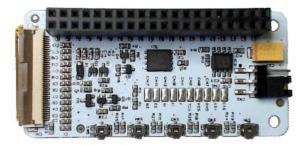
Contact us

PaPiRus Zero – ePaper / eInk Screen pHAT for Pi Zero

PISUPPLY-002

PaPiRus Zero is an ePaper / eInk screen pHAT designed for the Raspberry Pi Zero. It's one of the first true low power displays for the Pi Zero mini computer.

ePaper / eInk is a display technology that mimics the appearance of ink on normal paper. Unlike conventional displays, ePaper reflects light – just like ordinary paper – and is capable of holding text and images indefinitely, even without electricity. Because of this, ePaper displays and single board computers or microcontrollers are a match made in heaven as together they use a very small amount of power whilst still bringing a display to your project.

The ePaper display that comes with PaPiRus Zero is a 2″ diagonal and 200 x 96 resolution ePaper display. One fantastic aspect of the ePaper display is the fact they don't need any power to keep the image on the screen. Just like a Kindle, you can read whatever is on your screen in daylight without any reflection. More information including wiring diagrams, datasheets & and links to example code are available at rePaper.

Potential Use Cases:

- An eInk / ePaper Nametag
- Display the latest weather forecast
- A Pi Zero ePaper watch
- Display your own Twitter Feed
- Small dynamic digital signage (such as displaying prices for products in a store)
- Outdoor displays where you don't want the screen to be affected by sunlight reflection
- Any sort of data-logging applications

PLEASE NOTE!! The PaPiRus Zero doesn't come with a stacking header for use with the Pi Zero! If you still need one though, you can pick one up here.