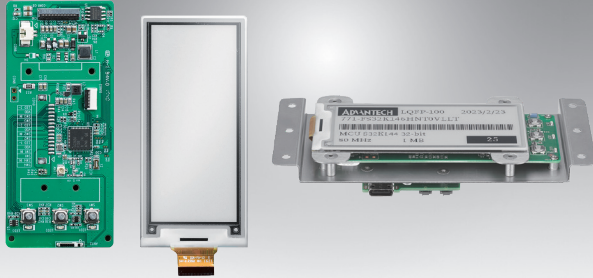


EPD-023B 1AG-NTC01

2.9" ePaper display module with UART

NEW



Module

Open-Frame

Features

- 2.9" Black and White ePaper Panel Display
- An Open Frame Design with Flexible Embedded ePaper Display Module
- Fast Data Transmission and Panel Refresh
- Bi-stable and wide view angle
- Supported Temperature Range: 0 ~ 50 °C
- RS-485 data transmission
- Ready driver and easy startup agent

Introduction

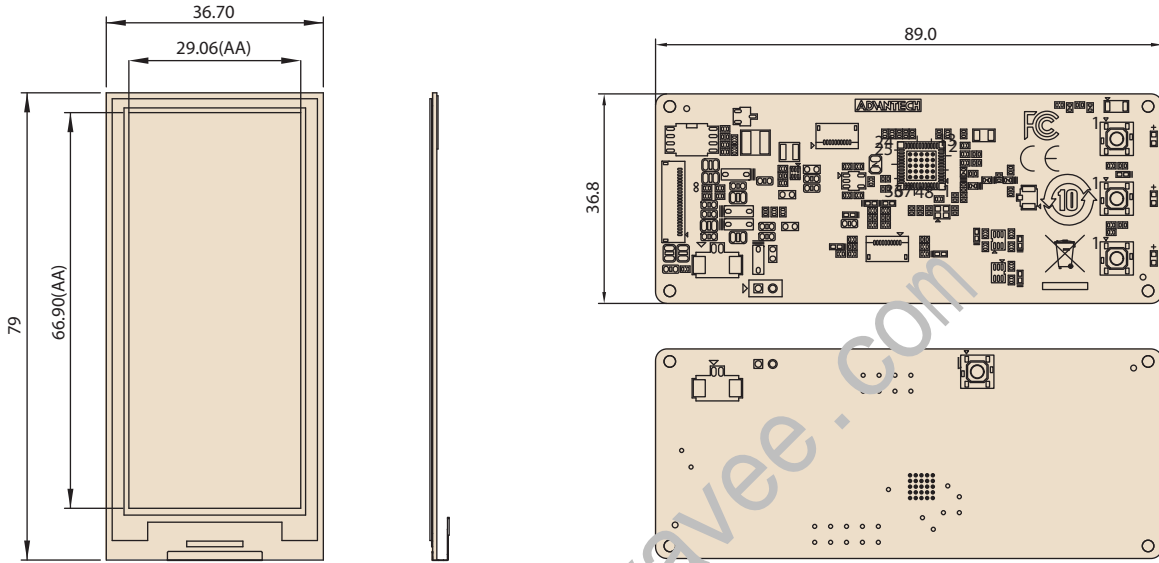
The EPD-023B leverages an open-frame design that enable customers to add their own ID design easily. With 2.9" display panel, the EPD-023B is outstanding to integrate into any system and refresh in short time.

Specifications

Display	Screen Size	2.9" (79 x 36.7 mm)
	Resolution	296 x 128 pixels
	Color	Black & White
Storage	Internal	Flash: 128 kB
	External	SPI Flash: 256 KB
I/O Interface	RS-485 (USB-C connector)	1
	USB	1
	Reset Button	0
	GPIO	6
Power		Power Input: USB-C (5V/0.2A) One to Multiple ePaper: USB-C
Physical Characteristics	Outline Dimension	117 x 52.7 x 16.9 mm
Environment	Operating Temperature	0 ~ 50 °C
	Storage Temperature	-25 ~ 60 °C
	Operating Humidity	5 ~ 80% Relative Humidity, non-condensing
Certifications		FCC/NCC/CE/Tele

Dimensions

Unit: mm



Ordering Information

Model Name	Description
EPD-023B1AG-NTC01	2.9" Wireless ePaper open frame display module

Ordering Information

Model Name	Description
1700035232-01	M cable USB-C 24P(M)/D-SUB 9P(F) 20cm
1700032990-01	M cable USB-C 24P(M)/USB-C 24P(M) 25cm
1700033249-01	M cable USB-C 24P(M)/USB-A 4P(M) 180cm
9696550DA01	IO board

* All E Ink Panel inspection criteria refer to E Ink CAS & Inspection standard document.

* Note: E Ink Recommend condition for storage:

Temperature: 20 ±10 degree C

Humidity : 60% RH±10%RH, Non-condensing

* Note: If panel module have been put in low temperature between 0--25 degree C for a while, we recommend to leave it between 20 to 30 degree C for 4 days before assembly.

* Note: WISE-3240 industrial grade supports wider range of operation temperature and storage temperature. Please request WISE-3240 specification for the reference