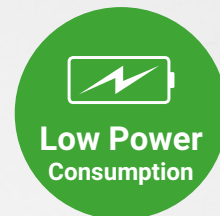
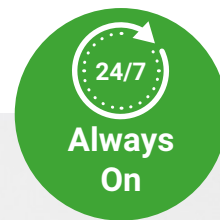


EPD Driver

ePaper Display Controller



[The Electronic Paper Display \(EPD\) Driver Board](#) is an advanced controller board to manage EPD displays. It is developed as an easy solution to drive the standard EPD displays. The board supports multiply display choice. Display content can be transferred over USB, SPI or presented from the SD memory card. The EPD Driver Board can be driven from battery. The EPD Driver Board's functionality can be extended by customized assembly or firmware configuration.

FEATURES

- Support of different EPD Panels
- 2/4/8/16 colors grey scale support
- 8-/16-bit interface support
- MicroUSB Interface
- SPI Interface
- On board microSD slot
- Battery power supply
- Cost-effective



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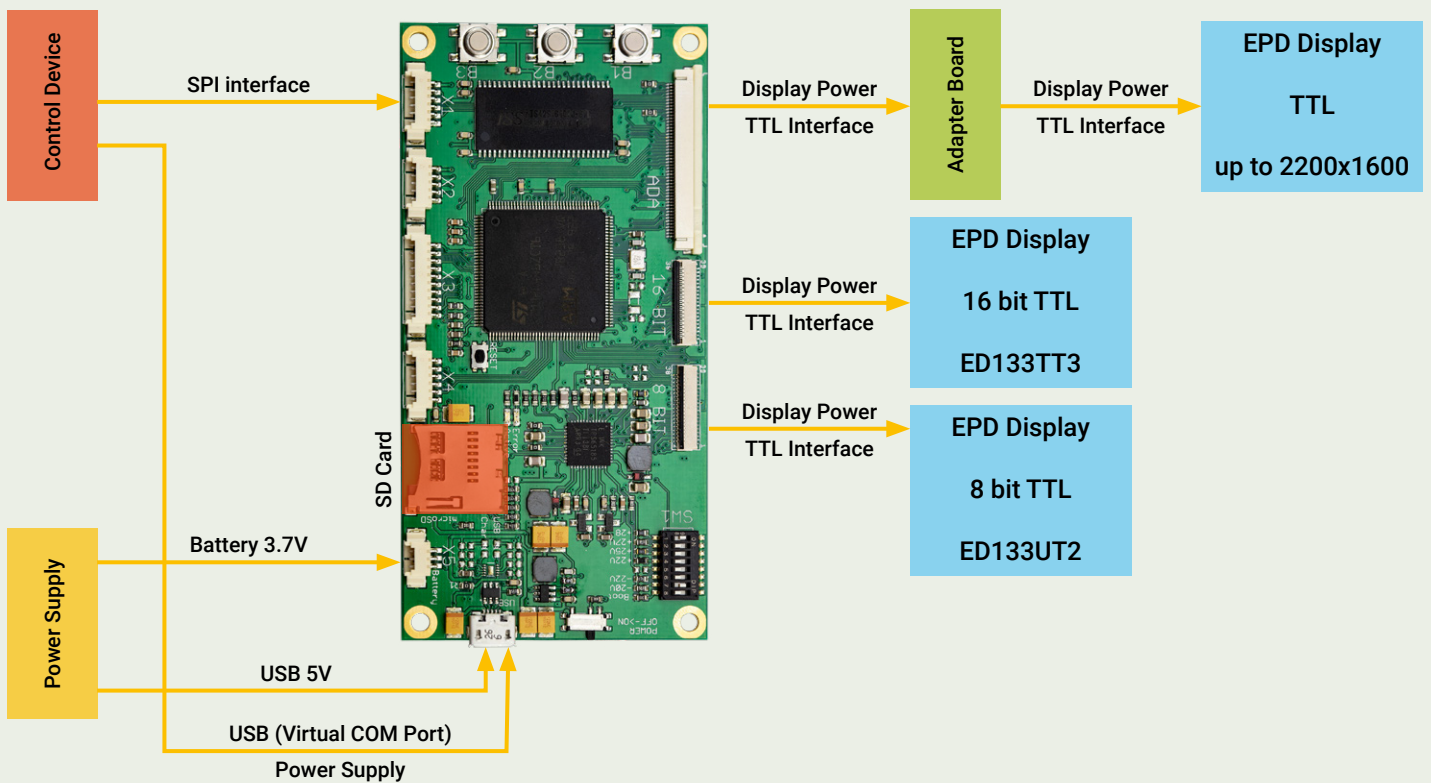
TECHNICAL SUPPORT & CONTACT INFORMATION
FOR MORE INFORMATION, CUSTOMIZED ADAPTIONS
AND DOWNLOADS PLEASE [VISIT OUR WEBSITE](#)

TECHNICAL SPECIFICATIONS

INPUT INTERFACE	SPI, microUSB (Virtual COM-Port), SD card
OUTPUT INTERFACE	TTL 8-/16-bits
MAX. RESOLUTION	2200x1650 pixels
POWER SUPPLY	Battery 3.7V or USB 5V
POWER CONSUMPTION	0.35W
DIMENSIONS	100mm x 50mm x 5.2 mm (W x D x H)
WEIGHT	25g
OPERATING TEMPERATURE	-10°C .. 60°C

TYPICAL APPLICATION

A typical application in an industrial environment is shown in the following figure:



START UP PACKET TO DOWNLOAD

DOCUMENT	COMMENT
Specification	Full specification of the EPD board
Quick Start Guide	Guide for quick start with SD card
API Interface	Description of the communication protocol
config.ini	Example of the config.ini for the SD card
Example SD card	Example of the SD card with some graphic bmp-files

